

PRODUCT CATALOGUE
2025/26



WELDING & CUTTING EQUIPMENT

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LINCOLN[®]
ELECTRIC





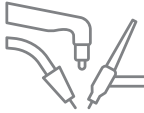








BUILD A BETTER WORLD

When the world is counting on you,
you can count on us.



TABLE OF CONTENTS

MIG & MULTI PROCESS INVERTER WELDERS 5		ENGINE DRIVEN WELDERS 85	
	Overview 6		Engine driven welders 87
	MIG Inverter Welders 7	EQUIPMENT OPTIONS 89	
	Multi Process Inverter Welders 12		Coolers 90
	Accessories 18		Undercarriages 91
	Advanced Process Welders 20		Remote controls 92
	Cobots 32		Welding cables 93
			Drive Rolls 95
SEMI AUTOMATIC WIRE FEEDERS 37		GUNS AND TORCHES 99	
	Overview 38		MIG guns 101
	Digital Wire Feeders 39		TIG torches 104
	Crosslinc® Wire Feeders 44		Tungsten electrodes 107
	Accessories 48		Plasma torches 108
			Accessories for Plasma 109
TIG WELDERS 51		PERSONAL PROTECTIVE EQUIPMENT (PPE) 111	
	Overview 52		Welding helmets 112
	TIG DC / Single Phase Inverter Welders 53		Respiratory protection 120
	TIG DC / Three Phase Inverter Welders 56		Welding Gloves 124
	TIG AC/DC / Single Phase Inverter Welders 58		Leather Clothes 127
	TIG AC/DC / Three Phase Inverter Welders 59		Cotton Clothes 130
	Accessories 62	WELDING ACCESSORIES 135	
STICK WELDERS 65			Sprays 136
	Overview 66		Electrode Holders 137
	Single Phase Inverter welders 67		Gouging Electrodes 138
	Three Phase Inverter welders 69		Gouging Torches 139
	Accessories 71		Ceramic Backings 140
PLASMA CUTTING 73			
	Overview 74		
	Inverter Plasma Cutters 75		
	Accessories 79		
SUBMERGED ARC WELDING 81			
	LSO Process 82		
	SAW Equipment 83		

USING THIS CATALOGUE

1



MULTI PROCESS INVERTER

2

YARDETEC® 300C STANDARD

Weld where others can't

3

INPUT



50/60 Hz

OUTPUT



DC



IOI



S200



SYN

10

NEW



11

12



13







4

5

7



ONLY 18KG

6

Unit Includes

- Input cable (3 m)
- Rolls for 1.0mm and 1.2 mm for steel and flux-cored wire
- Welding cable (3 m) with ground clamp
- Gas plug for connecting the gas hose
- User manual on USB-stick

14

MILD STEEL
STAINLESS STEEL
ALUMINIUM

- Lightweight and portable multi-process power source.
- Integrated wire feeder.
- Ideal for Shipyards and Construction sites.
- Compact case designed for harsh welding environments with limited access.
- Ergonomically designed handle made for safe transport and handling - manually or crane-lifted by cable.

8

Product	Item Number	Input [V]	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range [m/min]	Weight	Dimensions H x W x D (mm)	Protection Class
Yardtec® 300C STANDARD	K14421-1	230/400V 3Ph 50/60 Hz	16A	300A@30% 200A@100%	5-300	2R/1.5-22	18	381 x 230 x 498	IP23

9

RECOMMENDED OPTIONS

MIG/MAG GUNS

AIR COOLED:
LINCUN® PROMIG™ 270
4m – W000345061-2

LGS3-360G
4m – W10430-36-4M

Cart With Support For 15kg Spool
K14447-1

Shoulder strap kit
K14435-1

Protective cage
K14444-1

Protective cage wheels kit
K14431-1

Roll kit for solid wires
KP14420-Vxx
Roll kit for cored wires
KP14420-VxxR
Roll kit for alu wires
KP14420-Uxx
Wire guides
KP14420-INLET/BLUE
KP14420-EURO

More details, see section "MIG GUNS" (pages 72-76).

16 www.lincolnelectric.eu

1	Catalogue Section Tab	5	Application in industry	9	Recommended options for use with the device	13	Welding process icons
2	Product Name	6	Included with the device	10	NEW product icon	14	Welded materials
3	Brief description of the product	7	Application/industry sector image	11	Product picture	15	The key features and benefits of the product
4	Input & Output Icons	8	Technical Specifications	12	Warranty icon		

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PICTOGRAM MEANING

INPUT ICONS

Single phase input power	Three phase input power	Single or three phase input power	115 Volt input	230 Volt input	50/60 Hz input power
24-42 Volt AC Wire feeder input power	34-44 Volt AC Wire feeder input power	40 Volt DC Wire feeder input power	42 Volt AC Wire feeder input power	15-110 Volt DC Wire feeder input power	Power factor control
Engine Driven: Diesel	Motor generator compatible	CrossLinc® Technology			

OUTPUT ICONS

For constant current stick and TIG processes	For constant voltage MIG, flux-cored and subarc processes	For multi-process constant current or constant voltage applications	Direct current welding output	Alternating or direct current welding output	STT process capability
Voltage Reduction Device™	True Voltage Technology™	Synergic settings	Synergic setting and Pulse mode	Desert Duty® – Rated for extreme temperatures	Cellulosic capability
2-Roll Wire Feeder	4-Roll Wire Feeder	Plastic spool S300	Plastic spool S200	Drum feeding possibility	Water cooling

PROCESSES

MIG/MAG (GMAW)	MIG/MAG Pulse (GMAW-P)	FCAW – Flux-Cored Arc Welding, Gas-shielded	INNERSHIELD Self-shielded Flux-cored wire	STICK (MMA) with coated electrodes	Gouging (CAG)
TIG (GTAW)	TIG Pulse (GTAW-P)	LIFT TIG – Arc ignition start feature	TIG SCRATCH – Arc ignition start feature	TIG HF – High frequency arc ignition	Submerged arc welding (SAW)
Plasma Cutting	Plasma Gouging	Plasma Piercing	Grid Cutting with Plasma	Brazing	Oxyfuel Cutting
HYPERFILL® – twin-wire MIG/ FCAW solution	STT Field – root pass weld mode	HDT – High Deposition Waveform	SPECIAL PROCESSES Dedicated processes like SSA, HPS, SSP	Grinding	Fabrication Works

WARRANTY

1 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION	2 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION	3 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION	5 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION	INDUSTRY LEADING 5-YEAR STANDARD WARRANTY	INDUSTRY LEADING 5-YEAR WARRANTY AFTER REGISTRATION	3/5 YEAR WARRANTY ENGINE WARRANTY SEPARATELY BY MANUFACTURER PERFORMANCE PLUS PROTECTION
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WELDED MATERIALS

Highly recommended welded materials (red frame) or acceptable materials (grey frame)

MILD STEEL	LOW ALLOY STEEL	STAINLESS STEEL	CHROMOLY STEEL	HIGH STRENGTH STEEL	COPPER	NICKEL ALLOYS
COPPER	ALUMINIUM	MAGNESIUM	CAST IRON			





MIG & MULTI PROCESS INVERTER WELDERS



MIG & MULTI PROCESS INVERTER WELDERS

PRODUCT	ITEM NUMBER	INPUT		OUTPUT		PROCESS					FEATURES										
		Phase (50-60 Hz)	Voltage (V)	Rated Output	Current Range (A)	Mode	Polarity	GMAW	PULSE	FCAW-G	FCAW-S	SMW	CAG (Gouging)	DC TIG Lift	Wire Drive System	Max wire spool size (mm)	Synergic	V/A meters	CrossLinc	ArcLink® Digital Communication	Warranty (years)
MIG INVERTER WELDERS (SINGLE UNIT)																					
Quickmig® 250	K14379-1	3	400	250A/35%	50-250	CC/CV	DC	•	•	•	•			4R	300	•	•			2	
Quickmig® 300	K14380-1	3	400	300A/35%	50-300	CC/CV	DC	•	•	•	•			4R	300	•	•			2	
Powertec® i250C Standard	K14284-1	3	400	250A/60%	10-250	CC/CV	DC	•	•	•	•			4R	300	•	•			3	
Powertec® i250C Advanced	K14285-1	3	400	250A/60%	10-250	CC/CV	DC	•	•	•	•			4R	300	•	•			3	
Powertec® i320C Standard	K14286-1	3	400	320A/40%	10-320	CC/CV	DC	•	•	•	•			4R	300	•	•			3	
Powertec® i320C Advanced	K14287-1	3	400	320A/40%	10-320	CC/CV	DC	•	•	•	•			4R	300	•	•			3	
Powertec® i380C Advanced	K14288-1	3	400	380A/40%	10-380	CC/CV	DC	•	•	•	•			4R	300	•	•			3	
Powertec® i450C Advanced	K14289-1	3	400	450A/80%	10-450	CC/CV	DC	•	•	•	•			4R	300	•	•			3	
Powertec® i350S	K14183-1	3	400	350A/50%	20-350	CC/CV	DC	•	•	•	•					•			•	3	
Powertec® i420S	K14184-1	3	400	420A/100%	20-420	CC/CV	DC	•	•	•	•					•			•	3	
Powertec® i500S	K14185-1	3	400	500A/60%	20-500	CC/CV	DC	•	•	•	•					•			•	3	
MIG INVERTER WELDERS (READY PACK)																					
Powertec® i250C Std Pack	K14284-2	READY PACK INCLUDES:	Powertec® i250C Standard (K14284-1), LincGun® Promig™ 270 4m (W000345061-2)																		
Powertec® i250C Adv Pack	K14285-2		Powertec® i250C Advanced (K14285-1), LincGun® Promig™ 270 4m (W000345061-2)																		
Powertec® i320C Std Pack	K14286-2		Powertec® i320C Standard (K14286-1), LincGun® Promig™ 300 4m (W000345067-2)																		
Powertec® i320C Adv Pack	K14287-2		Powertec® i320C Advanced (K14287-1), LincGun® Promig™ 270 4m (W000345061-2)																		
Powertec® i380C Air Pack	K14288-2		Powertec® i380C Advanced (K14288-1), LincGun® Promig™ 300 4m (W000345067-2)																		
Powertec® i380C Water Pack	K14288-3		Powertec® i380C Advanced (K14288-1), LincGun® Promig™ 330W 4m (W000345064-2), Coolarc® 26 (K14182-1), Freezcool (W000010167)																		
Powertec® i450C Air Pack	K14289-2		Powertec® i450C Advanced (K14289-1), LincGun® Promig™ 400 4m (W000345073-2)																		
Powertec® i450C Water Pack	K14289-3		Powertec® i450C Advanced (K14289-1), LincGun® Promig™ 400W 4m (W000345070-2), Coolarc® 26 (K14182-1), Freezcool (W000010167)																		
MULTI PROCESS INVERTER WELDERS																					
Speedtec® 200C	K14099-1	1	115/230	200A/25%	20-200	CC/CV	DC	•	•	•	•	•	•	2R	200	•	•			2	
Speedtec® 215C	K14146-1	1	115/230	200A/25%	20-200	CC/CV	DC	•	•	•	•	•	•	2R	300	•	•			3	
Speedtec® 400SP	K14258-1	3	400	420A/100%	20-420	CC/CV	DC	•	•	•	•	•	•			•	O		•	5*	
Speedtec® 400SP (VRD)	K14258-2																				
Speedtec® 500SP	K14259-1	3	400	500A/60%	20-500	CC/CV	DC	•	•	•	•	•	•			•	O		•	5*	
Speedtec® 500SP (VRD)	K14259-2																				
Yardtec® 300C Standard	K14421-1	3	230/400	300A/30%	5-300	CC/CV	DC	•	•	•	•	•	•	2R	200 300(O)	•	•			3	
Flextec® 350XP	K5422-1	3	380/400/415	350A/60%	5-425	CC/CV	DC	•	O	•	•	•	•			•	•	•	•	5	

POWERTEC® iS ONE PACK

PRODUCT	ITEM NUMBER	PACK INCLUDES
Powertec® i420S Water PACK – 5M	K14184-1-5	Powertec i420S (K14184-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 5 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-5M), Coolarc-26 (K14182-1)
Powertec® i420S Water PACK – 10M	K14184-1-10	Powertec i420S (K14184-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 10 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-10M), Coolarc-26 (K14182-1)
Powertec® i500S Water PACK – 5M	K14185-1-5	Powertec i500S (K14185-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 5 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-5M), Coolarc-26 (K14182-1)
Powertec® i500S Water PACK – 10M	K14185-1-10	Powertec i500S (K14185-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 10 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-10M), Coolarc-26 (K14182-1)

SPEEDTEC® SP ONE PACK

PRODUCT	ITEM NUMBER	PACK INCLUDES
Speedtec® 400SP Water PACK – 5M	K14258-1-5	Speedtec 400SP (K14258-1), LF-56D Wire Feeder (K14336-1), Interconnection cable, 5 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-5M), Cart 4-Wheel (K14298-1), Coolarc® 60 (K14297-1)
Speedtec® 400SP Water PACK – 10M	K14258-1-10	Speedtec 400SP (K14258-1), LF-56D Wire Feeder (K14336-1), Interconnection cable, 10 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-10M), Cart 4-Wheel (K14298-1), Coolarc® 60 (K14297-1)
Speedtec® 500SP Water PACK – 5M	K14259-1-5	Speedtec 500SP (K14259-1), LF-56D Wire Feeder (K14336-1), Interconnection cable, 5 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-5M), Cart 4-Wheel (K14298-1), Coolarc® 60 (K14297-1)
Speedtec® 500SP Water PACK – 10M	K14259-1-10	Speedtec 500SP (K14259-1), LF-56D Wire Feeder (K14336-1), Interconnection cable, 10 m - Water cooled (95 mm ² , 5/5Pins) (K14199-PGW-10M), Cart 4-Wheel (K14298-1), Coolarc® 60 (K14297-1)

O- optional

* Applies to the Speedtec power sources, 3 Years Standard Warranty + 2 Years after registration:

<https://www.lincolnelectric.com/en-GB/Support/Product-Registration>



QUICKMIG® 250 & 300

Playmaker of the workshop

INPUT



OUTPUT



APPLICATIONS

- GENERAL FABRICATION
- CONSTRUCTION SITE
- MAINTENANCE AND REPAIR
- LIGHT INDUSTRY

Unit Includes

- Input cable (3 m) without plug
- Ground cable (3 m)
- Gas hose (2 m)
- Rolls for 0.8 / 1.0 solid wire
- USB with Operator's Manual



MILD STEEL

STAINLESS STEEL

ALUMINIUM

- Versatile welding processes: GMAW/FCAW and SMAW.
- Dual modes: Manual and Synergic, with 24 synergic programs for Steel, Stainless Steel, Flux-Cored, and Aluminum welding.
- Efficient operation: Quick process selection and parameter settings.
- Optimal feedability: 4-roll wire drive for precise wire feeding.
- Convenient access: Easy wire spool installation.
- Enhanced mobility: Large wheels and low gas cylinder entry.
- Clear visibility: Large, bright LED display.

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight	Dimensions H x W x D (mm)	Protection Class
Quickmig® 250	K14379-1	400V 3Ph ±10% 50/60Hz	16A	250A@35%, 175A@100%	50-250	4R / 1.5-18	50	760 x 395 x 830	IP23
Quickmig® 300	K14380-1			300A@35%, 175A@100%	50-300				

RECOMMENDED OPTIONS

MIG/MAG GUNS

AIR COOLED:

LG53-250G
4m – W10430-25-4M

LG53-240G
4m – W10430-24-4M

LG53-360G
4m – W10430-36-4M



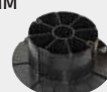
DRIVE ROLLS

KP69025-X



ADAPTER FOR WIRE SPOOL 300 MM

K10158



K10158-1



Watch our video!

More details, see section "MIG GUNS" (pages 101-103).



MIG INVERTERS

POWERTEC® i250C, i320C, i380C, i450C

Optimal MIG/MAG and MMA welding performance with excellent power and cost efficiency

INPUT



OUTPUT



(except i250C, i320C)

APPLICATIONS

- GENERAL FABRICATION
- CONSTRUCTION SITE
- MAINTENANCE AND REPAIR
- LIGHT INDUSTRY

Unit Includes

- Input cable (5 m)
- Ground cable (3 m)
- Gas hose (2 m)
- Rolls 1.0 / 1.2 for solid wire
- USB with Operator's Manual
- Control panel cover (i380C, i450C)

MILD STEEL

STAINLESS STEEL

ALUMINIUM



- Exceptional arc performance with consistent ignition, stable arc, and quick parameter adjustments.
- Versatile processes: Synergic and Manual MIG/MAG and Stick.
- User-friendly interface: intuitive navigation, easy settings, and seamless process selection.
- Optimized feedability: precise wire positioning, four driven rolls, inspection window.
- Designed by welders, for welders: excellent handling, innovative communication, and ease of use.
- Built for tough industrial conditions: rigorously tested under extreme conditions (TRUE HD) to ensure reliability.
- Advanced panel 7" TFT color screen (Advanced models).

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class	
Powertec® i250C STANDARD	K14284-1	400V 3Ph ±15% 50/60 Hz	16A	250A@60%	10-250	4R / 1.5-22	67	560 x 935 x 878	IP23	
Powertec® i250C ADVANCED	K14285-1									
Powertec® i320C STANDARD	K14286-1		20A	320A@40%	10-320					
Powertec® i320C ADVANCED	K14287-1									
Powertec® i380C ADVANCED	K14288-1		25A	380A@40%	10-380					71
Powertec® i450C ADVANCED	K14289-1		32A	450A@80%	10-450					82

RECOMMENDED OPTIONS

LINGGUN® PROMIG™ SERIES

AIR COOLED:

- LINGGUN® PROMIG™ 270
4m – W000345061-2
- LINGGUN® PROMIG™ 300
4m – W000345067-2
- LINGGUN® PROMIG™ 400
4m – W000345073-2

WATER COOLED:

- LINGGUN® PROMIG™ 330W
4m – W000345064-2
- LINGGUN® PROMIG™ 500W
4m – W000345076-2



LGS3 SERIES

AIR COOLED:

- LGS3-250G
4m – W10430-25-4M
- LGS3-240G
4m – W10430-24-4M
- LGS3-360G
4m – W10430-36-4M

WATER COOLED:

- LGS3-505W
4m – W10430-505-4M



COOLER

Coolarc® 26
K14182-1



DRIVE ROLLS

KP14150-XX



More details, see section "MIG GUNS" (pages 101-103).



POWERTEC® i250C, i320C, i380C, i450C

Available in ready-packs

**READY
PACK**



**AIR
STD PACK**

Product	Item Number	Pack includes:
Powertec® i250C STD Pack	K14284-2	Powertec® i250C Standard (K14284-1) LincGun® Promig™ 270 4m (W000345061-2)
Powertec® i320C STD Pack	K14286-2	Powertec® i320C Standard (K14286-1) LincGun® Promig™ 300 4m (W000345067-2)



**AIR
ADV PACK**

Product	Item Number	Pack includes:
Powertec® i250C ADV Pack	K14285-2	Powertec® i250C Advanced (K14285-1) LincGun® Promig™ 270 4m (W000345061-2)
Powertec® i320C ADV Pack	K14287-2	Powertec® i320C Advanced (K14287-1) LincGun® Promig™ 300 4m (W000345067-2)



**AIR
ADV PACK**

Product	Item Number	Pack includes:
Powertec® i380C Air Pack	K14288-2	Powertec® i380C Advanced (K14288-1) LincGun® Promig™ 300 4m (W000345067-2)
Powertec® i450C Air Pack	K14289-2	Powertec® i450C Advanced (K14289-1) LincGun® Promig™ 400 4m (W000345073-2)



**WATER
ADV PACK**

Product	Item Number	Pack includes:
Powertec® i380C Water Pack	K14288-3	Powertec® i380C Advanced (K14288-1) LincGun® Promig™ 330W 4m (W000345064-2) Coolarc® 26 (K14182-1), Freezcool (W000010167)
Powertec® i450C Water Pack	K14289-3	Powertec® i450C Advanced (K14289-1) LincGun® Promig™ 400W 4m (W000345070-2) Coolarc® 26 (K14182-1), Freezcool (W000010167)





MIG INVERTERS

POWERTEC® i350S, i420S & i500S

High output, reliable industrial machines

INPUT



OUTPUT



APPLICATIONS

- HEAVY FABRICATION
- STRUCTURAL
- GENERAL FABRICATION
- SHIPBUILDING

Unit Includes

- Input cable (5 m)
- Work clamp and cable assembly (3 m)
- Gas hose (2 m)
- Chain
- USB stick with Operator's Manual



MILD STEEL

STAINLESS STEEL

ALUMINIUM

- Superior Welding Performance: Excellent CV MIG and Stick welding.
- Industrial-Grade Durability: Built for the toughest conditions.
- Synergic Capability: Enhanced welding efficiency.
- Optimized Ergonomics: Lincoln reliability with True HD design.
- Cooling Options: Water-cooled version available (Coolarc® 26).

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Efficiency	Idle Power	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Powertec® i350S	K14183-1	400V 3Ph ±15% 50/60 Hz	25A	350A@50% 300A@100%	20-350	> 85%	< 35W	68	932 x 560 x 925	IP23
Powertec® i420S	K14184-1			420A@100%	20-420			78		
Powertec® i500S	K14185-1		32A	500A@60% 420A@100%	20-500			79		

WIRE FEEDERS LF-52D, LF-56D, LF-5D

INPUT



Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
LF-52D Standard	K14335-1	4R	A/W	500A@60%	40V DC	1.5-22	0.8-1.6	1.0-1.6	1.0-1.6	17	302 x 642 x 516
LF-56D Advanced	K14336-1									17.7	
LF-5D Standard (GFR)	K14410-2	2R	A							9.1	320 x 232 x 476

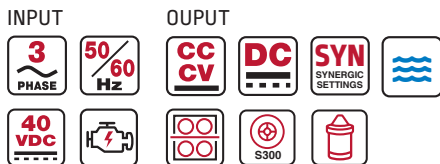
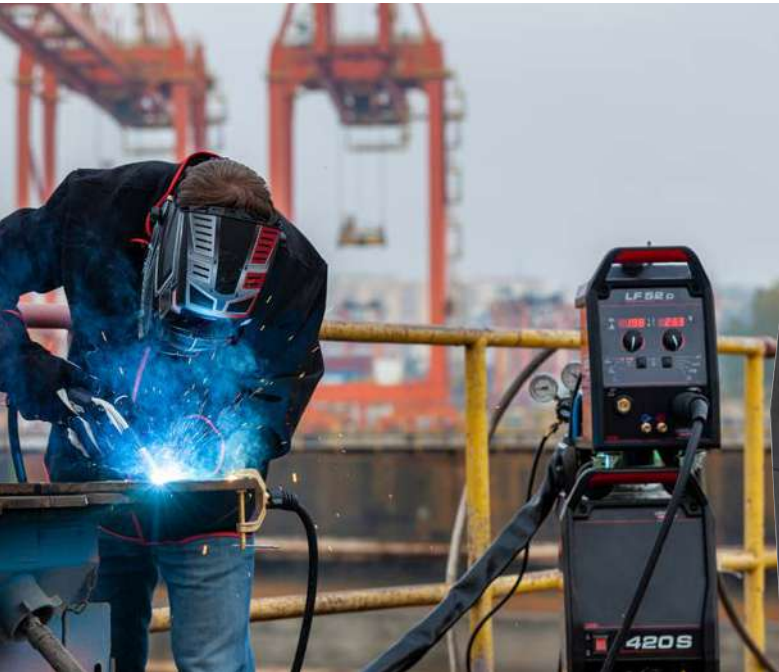


POWERTEC® iS

ONE PACK

complete set
1 Item Number

**WATER
PACK**



Product	Item Number	Pack includes:
Powertec® i420S Water PACK – 5M	K14184-1-5	Powertec i420S (K14184-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 5 m - water cooled (95 mm ² , 5/5Pins) (K14199-PGW-5M), Coolarc-26 (K14182-1)
Powertec® i420S Water PACK – 10M	K14184-1-10	Powertec i420S (K14184-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 10 m - water cooled (95 mm ² , 5/5Pins) (K14199-PGW-10M), Coolarc-26 (K14182-1)
Powertec® i500S Water PACK – 5M	K14185-1-5	Powertec i500S (K14185-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 5 m - water cooled (95 mm ² , 5/5Pins) (K14199-PGW-5M), Coolarc-26 (K14182-1)
Powertec® i500S Water PACK – 10M	K14185-1-10	Powertec i500S (K14185-1), LF-52D Wire Feeder (K14335-1), Interconnection cable, 10 m - water cooled (95 mm ² , 5/5Pins) (K14199-PGW-10M), Coolarc-26 (K14182-1)

RECOMMENDED OPTIONS FOR POWERTEC® i350S/i420S/i500S

MIG/MAG GUNS

LINCUN® PROMIG™ SERIES

WATER COOLED:

LINCUN® PROMIG™ 330W

4m – W000345064-2

LINCUN® PROMIG™ 500W

4m – W000345076-2



LGS3 SERIES

WATER COOLED:

LGS3-505W

4m – W10430-505-4M



Cooling liquid for torches
Freezcool
W000010167



Drive rolls
KP14150-X



More details, see section "MIG GUNS" (pages 101-103).



MULTI PROCESS INVERTERS

SPEEDTEC® 200C

Compact yet powerful single-phase inverter-based multiprocess machines.

INPUT



OUTPUT

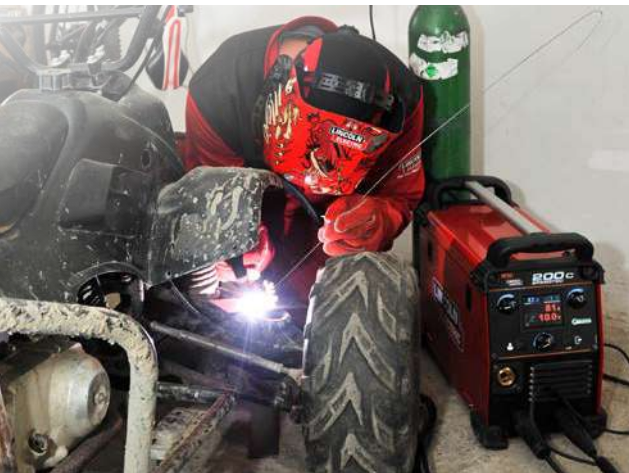


APPLICATIONS

- SMALL WORKSHOPS
- LIGHT STEEL CONSTRUCTION
- GENERAL REPAIRS
- MAINTENANCE WORKSHOPS

Unit Includes

- Input cable (2.2 m) with 16A Shouko plug
- Ground cable (3 m)
- Gas hose (2 m)
- Drive rolls (0.8-1.0 mm)



MILD STEEL

STAINLESS STEEL

ALUMINIUM

- Innovative design: Robust, compact, portable, and lightweight, ready for use anywhere.
- Versatile tasks: CV MIG, CV Synergic, FCAW, Stick, and TIG Lift.
- Power Factor Correction (PFC): Provides more welding power, energy savings, and generator compatibility.
- User-friendly control panel: Intuitive icon-based interface.
- Superior arc performance: CV MIG offers infinitely variable control of voltage, wire feed speed, and inductance; Stick includes hot start and arc force control.

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Speedtec® 200C	K14099-1	115/230V/1Ph 50/60 Hz	16A (25A)	200A/24V/25%	20-200	2R / 1.5-15	173	396 x 246 x 527	IP23

RECOMMENDED OPTIONS

MIG/MAG GUNS

LGS3-150G
4m – W10430-15-4M



LGS3-250G
4m – W10430-25-4M



LINCUN® PROMIG™ 230T
4m – W000275419-2



TIG TORCH

WTT2 17V
4m – W10529-17-4V



Drive roll
2R 0.9-1.1 mm -
Cored wires (1 pc/pk)
KP14016-X



More details, see section "MIG GUNS" (pages 101-103).

MULTI PROCESS INVERTERS



SPEEDTEC® 215C

One versatile machine to handle any task with ease.

INPUT



OUTPUT



APPLICATIONS

- SMALL WORKSHOPS
- LIGHT STEEL CONSTRUCTION
- GENERAL REPAIRS
- MAINTENANCE WORKSHOPS

Unit Includes

- Input cable (5 m)
- Ground cable (3 m)
- Gas hose (2 m)
- Drive rolls (0.8-1.0 mm)



MILD STEEL

STAINLESS STEEL

ALUMINIUM

- Versatile processes: MIG Synergic and Manual, FCAW, Stick, and TIG Lift.
- Outstanding welding performance across all processes.
- Smart design: Accommodates 15 kg spools, includes convenient shelves, ideal for workshops and production areas.
- User-friendly control panel: Intuitive icon-based interface
- PFC: Resists power fluctuations, works with long extension cables up to 100m.

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight	Dimensions H x W x D (mm)	Protection Class
Speedtec® 215C	K14146-1	115/230V/1Ph 50/60 Hz	16A (25A)	200A/24V/25%	20-200	2R / 1.5-15	42 kg	780 x 400 x 750	IP23

RECOMMENDED OPTIONS

MIG/MAG GUNS

LGS3-150G
4m – W10430-15-4M

LGS3-250G
4m – W10430-25-4M



LINCGUN® PROMIG™ 230T
4m – W000275419-2



TIG TORCH

WTT2 17V
4m – W10529-17-4V



Drive roll
2R 0.9-1.1 mm -
cored wires (1 pc/pk)
KP14016-X



More details, see section "MIG GUNS" (pages 101-103).



MULTI PROCESS INVERTERS

SPEEDTEC® 400SP & 500SP

High output, reliable industrial machines.

INPUT



OUTPUT

APPLICATIONS

- HEAVY FABRICATION
- STRUCTURAL
- GENERAL FABRICATION
- SHIPBUILDING

Unit Includes

- Input cable (5m)
- Work clamp and cable assembly (3m)
- Gas hose (2m)
- Chain
- USB with Operator's Manual
- Spare fuses (2x2A / 1x6.3A / 1x12.5A)

INDUSTRY LEADING
5-YEAR WARRANTY
AFTER REGISTRATION



CHECKPOINT



MILD STEEL STAINLESS STEEL ALUMINIUM

- High duty cycle, multi-process power source featuring efficient processes (Speed Short Arc™, Soft Silent Pulse™, High Penetration Speed™).
- MECHAPULSE™ delivers superior quality welds with a rippled seam appearance.
- Modular design allows for customizable configurations.
- Ergonomic design enhances ease of use for welders.
- Double-sided, fully potted PCB offers excellent resistance to dust, humidity, shocks, and vibrations.

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Speedtec® 400SP	K14258-1	400V 3Ph ±15% 50/60 Hz	25A	420A/100%	20-420	53.5	625 x 295 x 550	IP23
Speedtec® 400SP (VRD)	K14258-2							
Speedtec® 500SP	K14259-1		32A	500A/60%	20-500	54.5		
Speedtec® 500SP (VRD)	K14259-2							

WIRE FEEDERS LF-52D, LF-56D, LF-5D

INPUT OUTPUT



SYN SYNERGIC SETTINGS



LINCOLN ELECTRIC
3 YEAR WARRANTY
Parts & Labour
PERFORMANCE PLUS
PROTECTION

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
LF52D Standard	K14335-1	4R	A/W	500A@60%	40V DC	1.5-22	0.8-1.6	1.0-1.6	1.0-1.6	17	302 x 642 x 516
LF56D Advanced	K14336-1									17.7	
LF-5D Standard (GFR)	K14410-2	2R								9.1	320 x 232 x 476



SPEEDTEC SP®

ONE PACK

complete set
1 Item Number



INPUT		OUTPUT			

Product	Item Number	Pack includes:
Speedtec® 400SP Water PACK – 5M	K14258-1-5	Speedtec 400SP [K14258-1], LF-56D Wire Feeder [K14336-1], Interconnection cable, 5 m - Water cooled (95 mm ² , 5/5Pins) [K14199-PGW-5M], Cart 4-Wheel [K14298-1], Coolarc® 60 [K14297-1]
Speedtec® 400SP Water PACK – 10M	K14258-1-10	Speedtec 400SP [K14258-1], LF-56D Wire Feeder [K14336-1], Interconnection cable, 10 m - Water cooled (95 mm ² , 5/5Pins) [K14199-PGW-10M], Cart 4-Wheel [K14298-1], Coolarc® 60 [K14297-1]
Speedtec® 500SP Water PACK – 5M	K14259-1-5	Speedtec 500SP [K14259-1], LF-56D Wire Feeder [K14336-1], Interconnection cable, 5 m - Water cooled (95 mm ² , 5/5Pins) [K14199-PGW-5M], Cart 4-Wheel [K14298-1], Coolarc® 60 [K14297-1]
Speedtec® 500SP Water PACK – 10M	K14259-1-10	Speedtec 500SP [K14259-1], LF-56D Wire Feeder [K14336-1], Interconnection cable, 10 m - Water cooled (95 mm ² , 5/5Pins) [K14199-PGW-10M], Cart 4-Wheel [K14298-1], Coolarc® 60 [K14297-1]

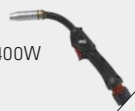
RECOMMENDED OPTIONS FOR SPEEDTEC® 400SP/500SP

MIG/MAG GUNS

LINCGUN® PROMIG™ 330W
4m – W000345064-2



LINCGUN® PROMIG™ 400W
4m – W000345070-2



Drive rolls
KP14150-X



Cooling liquid
for torches
Freezcool
W000010167



LINCGUN® PROMIG™ 500W
4m – W000345076-2



LINCGUN® PROMIG™ 500W UD
4m – W100000298



More details, see section "MIG GUNS" (pages 101-103).



MULTI PROCESS INVERTERS

YARDTEC® 300C STANDARD

Weld where others can't

INPUT



OUTPUT



APPLICATIONS

- MAINTENANCE AND REPAIR
- SHIPYARD
- CONSTRUCTION
- SHIPBUILDING
- STRUCTURAL
- GENERAL FABRICATION

Unit Includes

- Input cable (3 m)
- Rolls for 1.0mm and 1.2 mm for steel and flux-cored wire
- Welding cable (3 m) with ground clamp
- Gas plug for connecting the gas hose
- User manual on USB-stick

NEW



MIG/MAG



FCAW



INNERSHIELD



LIFT TIG



STICK



GOUGING (≤4mm)



ONLY **18KG**

MILD STEEL

STAINLESS STEEL

ALUMINIUM

- Lightweight and portable multi-process power source.
- Integrated wire feeder.
- Ideal for Shipyards and Construction sites.
- Compact case designed for harsh welding environments with limited access.
- Ergonomically designed handle made for safe transport and handling - manually or crane-lifted by cable.

Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight	Dimensions H x W x D (mm)	Protection Class
Yardtec® 300C STANDARD	K14421-1	230/400V 3Ph 50/60 Hz	16A	300A@30% 200A@100%	5-300	2R/1.5-22	18	381 x 230 x 498	IP23

RECOMMENDED OPTIONS

MIG/MAG GUNS

AIR COOLED:
LINCUN® PROMIG™ 270
4m – W000345061-2



LGS3-360G
4m – W10430-36-4M

Cart With Support
For 15kg Spool
K14447-1



Protective cage
K14444-1



Protective cage
wheels kit
K14431-1



Shoulder strap kit
K14435-1



Roll kit for solid wires
KP14420-Vxx
Roll kit for cored wires
KP14420-VxxR
Roll kit for alu wires
KP14420-Uxx
Wire guides
KP14420-INLET/BLUE
KP14420-EURO



More details, see section "MIG GUNS" (pages 101-103).



FLEXTEC® 350XP CE

Designed for ease of use to boost productivity and minimize downtime

INPUT



OUTPUT



APPLICATIONS

- FABRICATION
- CONSTRUCTION
- SHIPBUILDING
- STRUCTURAL
- PIPE

Unit Includes

- Input cable (2.6 m)
- Integrated CE filter



MILD STEEL

STAINLESS STEEL

ALUMINIUM

- User-friendly interface for ease of use.
- CrossLinc® Technology: Automatically pairs accessories with the power source, providing remote output control at the arc without additional remotes or cables.
- Compatibility: Works with CrossLinc, 42V analog, and digital feeders for GMAW and FCAW.
- Durable design: Desert Duty® and IP23 rated, capable of withstanding harsh outdoor conditions and outperforming other welders in its class.
- Optimized stick welding: Suitable for both cellulosic and low hydrogen electrodes.
- Touch-Start TIG®: Reduces contamination during starts without high frequency.
- STT process support: Compatible with Activ8X Pipe wire feeder.

**CROSSLINC®
TECHNOLOGY:
No Additional Cable**



Product	Item Number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Weight	Dimensions H x W x D (mm)	Protection Class
Flextec® 350XP CE	K5422-1	380/400/415/3Ph	21/23/23	300/32V/100%, 350/34V/60%	5-425A	371	432 x 330 x 609	IP23

WIRE FEEDERS

WITH CROSSLINC® TECHNOLOGY

LN-25X®
K4267-4



Activ8X®
K3519-1



Activ8X®
Pipe™
K5240-1



- CrossLinc® and True Voltage Technology™ (TVT™) helps you get the job done with drastically less movement

- Small enough to fit through manways and light enough to carry around the site

- Features STT Field and Pulse waveform outputs



MIG & MULTI PROCESS INVERTERS

ACCESSORIES



Product	Item Number	Speedtec® 200C	Speedtec® 215C	Quickmig® 250/300	Powertec® i250C/i320C Standard	Powertec® i250C/i320C Advanced	Powertec® i380C Advanced	Powertec® i450C Advanced	Powertec® i350S	Powertec® i420S	Speedtec® i500S	Speedtec® 400SP	Speedtec® 500SP	Yardtec® 300C STD	Flextec® 350XP CE
COOLERS															
Cool Arc® 26	K14182-1				•	•	•	•	•						
Cool Arc® 60	K14297-1										•	•			
Freezcool – cooling liquid for torches [9.6 l]	W000010167				•	•	•	•	•	•	•	•			
UNDERCARRIAGE															
Four-wheeled undercarriage (Speedtec® 400SP/500SP)	K14298-1										•	•			
Four-wheeled undercarriage (dual feeders + dual gas cylinders)	K14346-1										•	•			
Four-wheeled undercarriage (Flextec & PowerWave®)	K3059-4														•
Cart With Support for 15kg Spool	K14447-1														•
ROLLS															
Drive Roll Kit (1pc / diameter 37 mm) *	KP14016-XX	•	•												
Drive Roll Kit (4pcs / diameter 37 mm) *	KP14150-XX			•	•	•	•								
Drive Roll Kit (2pcs / diameter 37 mm) *	KP14420-XX														•
Drive Roll Kit (1pc / diameter 30 mm) *	KP69025-X		•												
* see chapter "Equipment Options" for details															
CABLES															
Interconnection cable Air cooled *	K14198-PG-XM							•	•	•	•	•			
Interconnection cable Water cooled *	K14199-PGW-XM							•	•	•	•	•			
Arclink Cable (2.4 m)	K1543-8										•	•			•
Analogue Control Cable Extension, 14-pin Male-Female (x=10, 25, 50, 100 – 3/7.5/15.2/30.5 m)	K1797-X														•
Welding cable 3/5 m with electrode holder 200A	E/H-200A-25-3M	•	•												
Welding cable 5/10 m with ground clamp 200A	GRD-200A-35-5M	•	•												
Welding cable 5/10 m with ground clamp 300A (x=5, 10)	GRD-300A-50-XM			•	•	•									•
Welding cable 5/10/15 m with ground clamp 400A (x=5, 10, 15)	GRD-400A-70-XM			•	•	•	•	•	•		•		•	•	•
Welding cable 5/10 m with ground clamp 600A (x=5, 10)	GRD-600A-95-XM			•	•	•	•	•	•	•	•	•	•	•	•
REMOTE CONTROL & USER INTERFACE															
Remote control 15m (6-pin / 1POT)	K10095-1-15M														•
Extension cable for remote control (6-pin) 15 m	K10398														•
12-pin to 6-pin Adapter	K2909-1														•
Remote control RC-7 Advanced	K14203-1							•	•	•	•	•			
User Interface for Speedtec 400SP and 500SP	K14347-1										•	•			
Foot Amptrol™	K870														•
OTHER OPTIONS															
Arclink-T Flex	K14131-1							•	•	•	•	•			
Adapter 5Pin(M)/12Pin(F)	K14132-1							•	•	•	•	•			
Arclink-T-Power	K14135-1										•	•			
Polarity change kit	K14173-1			•	•										
Control panel cover kit	K14325-1			•	•										
Gas flow meter kit	K14175-1			•	•	•	•								
Cable management kit	K14201-1			•	•	•	•	•	•						
Adapter for wire spool 200 mm	R-1019-125-1/08R	•	•	•	•	•	•								
Adapter for wire spool 300 mm	K10158-1	•	•	•	•	•	•								
Adapter for wire spool 300 mm	K10158	•	•	•	•	•	•								



ACCESSORIES

		Speedtec® 200C	Speedtec® 215C	Quickmig® 250/300	Powertec® i250C/i320C Standard	Powertec® i250C/i320C Advanced	Powertec® i380C Advanced	Powertec® i450C Advanced	Powertec® i350S	Powertec® i420S	Powertec® i500S	Speedtec® 400SP	Speedtec® 500SP	Yardtec® 300C STD	Flextec® 350XP CE
OTHER OPTIONS															
Output connection kit (i350S)	K14196-1								•						
Output connection kit (i420/500S)	K14202-1								•	•					
Output connection kit (400SP/500SP)	K14337-1										•	•			
Wire feeder DRUM Quick Connector	K14204-1			•	•	•	•								•
Protective cage	K14444-1														•
Protective cage wheels kit	K14431-1														•
Shoulder strap kit	K14435-1														•
Control panel cover	K14429-1														•
Air filter	K14448-1														•

MIG GUNS

				Quickmig® 250 & 300	Powertec® i250C, i320C, i380C, i450C	Powertec® i350S, i420S & i500S	Speedtec® 200C, 215C	Speedtec® 400SP & 500SP	Yardtec® 300C Standard	LF-5D Standard (GFR)	LF-52D/56D
MIG/MAG GUNS LINGUN® PROMIG™ (AIR COOLED)											
LG PROMIG 230T	W000275408-2	W000275419-2	W000275420-2			•					
LG PROMIG 270	W000345060-2	W000345061-2	W000345062-2	•	•			•			
LG PROMIG 300	W000345066-2	W000345067-2	W000345068-2	•	•				•	•	
LG PROMIG 300 UD	-	W100000297	-								•(1)
LG PROMIG 400	W000345072-2	W000345073-2	W000345074-2	•	•				•	•	
MIG/MAG GUNS LINGUN® PROMIG™ (WATER COOLED)											
LG PROMIG 330W	W000345063-2	W000345064-2	W000345065-2	•	•		•		•(2)	•	
LG PROMIG 400W	W000345069-2	W000345070-2	W000345071-2				•		•(2)	•	
LG PROMIG 500W	W000345075-2	W000345076-2	W000345077-2	•	•		•		•(2)	•	
LG PROMIG 500W UD	-	W100000298	-								•(1)
MIG/MAG GUNS LGS3 (AIR COOLED)											
LGS3-150G	W10430-15-3M	W10430-15-4M	-			•					
LGS3-250G	W10430-25-3M	W10430-25-4M	W10430-25-5M	•	•	•	•				
LGS3-240G	W10430-24-3M	W10430-24-4M	W10430-24-5M	•	•	•					
LGS3-360G	W10430-36-3M	W10430-36-4M	W10430-36-5M	•	•	•		•	•	•	
MIG/MAG GUNS LGS3 (WATER COOLED)											
LGS3-505W	W10430-505-3M	W10430-505-4M	W10430-505-5M	•	•				•(2)	•	

(1) only LF-56D

(2) required water hoses KIT K14432-1

ADVANCED PROCESS WELDERS

PRODUCT	REFERENCE	INPUT		OUTPUT			PROCESS										FEATURES												
		Phase (50-60 Hz)	Voltage (V)	Rated output	Current range (A)	Mode	Polarity	GMAW	PULSE	FCAW-G	FCAW-S	SMAW	Gouging	TIG HF	Low Fume Pulse™	STT® MIG	DC TIG	AC/DC TIG	AC MIG	HyperFill®	Wire Drive System	Max wire spool size (mm)	Synergic	V/A meters	Waveform Control Technology®	ArcLink® Digital Communication	Warranty (years)		
Advanced Process Welders																													
Power Wave® 300C	K4490-5	3	208-575	350A/40%	5-300	CC/CV	AC/DC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Power Wave® S500	K3168-1	3	230/400/460/575	500A/60%	5-550	CC/CV	DC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Power Wave® R450	K3455-1	3	208-575	500A/60%	5-550	CC/CV	DC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Power Wave® S700	K5372-1	3	380-415-440-460-500-575	900A/60%	20-900	CC/CV	DC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Power Wave® Advanced Module	K3685-1	–	–	350A/40%	5-350	CC/CV	AC/DC							•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5
Power Wave® STT® Module	K2921-1	–	–	500A/60%	5-500	STT	DC							•	•														5
Pipefab CE	K3732-1	3	208-575	400A/100%	5-400	CC/CV	AC/DC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	5





POWER WAVE® 300C ADVANCED CE

Elevates the industrial “all-in-one” class of welders to new heights.

INDUSTRY LEADING
**5-YEAR
STANDARD
WARRANTY**



APPLICATIONS

- GENERAL FABRICATION
- MAINTENANCE AND REPAIR
- AUTOBODY/FARM
- LIGHT INDUSTRY
- EDUCATIONAL

Unit Includes

- 4.6m work lead
- Drive roll kit (2R) 0.9-1.2 mm



MILD STEEL STAINLESS STEEL ALUMINIUM COOPER ZN-COATED

- **Best-in-class performance:** Industry’s only true 300 Amp, 100% duty cycle, all-process machine.
- **All-process versatility:** Supports SMAW, GTAW, GMAW, FCAW, and CAG processes, with high-frequency and AC capabilities, plus advanced processes like STT®, Rapid X®, and Low Fume Pulse®.
- **Advanced connectivity and control:** All Power Wave® systems include Lincoln Electric Power Wave® Manager and Lincoln Electric Checkpoint® Production Monitoring for remote configuration, process control, and quality assurance.
- **Patented PowerConnect® technology:** Automatically adjusts to input power from 200-600V, 50 or 60 Hz, single-phase or three-phase, maintaining constant welding output across the entire voltage range.
- **Ready-to-Run™ design:** Features for straightforward operation, including cable management hooks, integrated cart with tilting bottle rack, and Twist-Mate™ TIG connection and gas solenoid.
- **Integrated 115V auxiliary power:** Easy plug-in access for grinders, equipment, or the Cool Arc 40 water cooler.

Product	Item number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Wire Feed Type / Speed Range (m/min)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Power Wave® 300C Advanced	K4490-5	230/400V 3-Ph 50/60 Hz	44/40/25A	300A/29V @100%	5-350	2R / 1.3-20.3	109	1008 x 524 x 1006	IP23

RECOMMENDED OPTIONS

LINCGUN® PROMIG™ 330W 4m – W000345064-2



Welding cable 5 m with ground clamp 300A GRD-300A-50-5M



Water cooler Cool-Arc® 40 K1813-1



Cooling liquid for torches Freezcool W000010167



Dual Gas Bottle Upgrade Kit K4866-1



Water cooler adapter kit K4898-1





ADVANCED PROCESS INVERTERS

POWER WAVE® S500

All Applications. All Industries. All Processes.

INDUSTRY LEADING
**5-YEAR
STANDARD
WARRANTY**



APPLICATIONS

- FABRICATION
- SHIPBUILDING
- CONSTRUCTION

Unit Includes

- Work Lead - Lug & GC500 Ground Clamp (4/0, 600A, 60%) - 15 ft (15.3 m) (K2149-1)
- Drive roll kit (4R) 1.2-1.1 mm - Solid wires (KP1505-045S)
- Model 355-2Ar-58010 Flowmeter Regulator
- Shielding Gas Kit (310021)



- MILD STEEL
- STAINLESS STEEL
- ALUMINIUM
- NICKEL
- ZN-COATED

- Modular platform: Enables system customization to meet your welding needs.
- Modules can be stacked beneath the power source for a clean and convenient setup, whether stationary or on a cart.
- High-performance wave forms: Offers a complete portfolio, providing flexibility for any welding application up to 550A.
- Power Wave® Manager software: Simplifies welding setup and operation.
- CheckPoint™ software: Tracks equipment usage, stores weld data, configures fault limits, and more.
- Compact and durable case: IP23-rated to withstand harsh environments.

Product	Item number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Power Wave® S500 CE	K3168-1	230/400/460/575 50/60 Hz	90/60/45/35A	500A/39V@60%	5-550	68	570 x 356 x 630	IP23

WIRE FEEDERS PF-56D, PF-84



Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
PF-56D	K14392-1	4R	A/W	500A@60%	40V DC	1.5-22	0.8-1.6	1.0-1.6	1.0-1.6	17.7	302 x 642 x 516
PF-84 Single CE	K3329-2-P			600A@60%		2-30	0.6-2.4	0.8-2.8	0.9-2.4	25.8	450 x 430 x 770

ADVANCED PROCESS INVERTERS



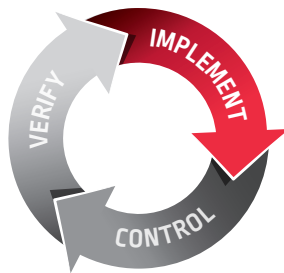
POWER WAVE® S700

High output power for automated environments.



APPLICATIONS

• HEAVY INDUSTRY



INDUSTRY LEADING
**5-YEAR
STANDARD
WARRANTY**



- MILD STEEL
- STAINLESS STEEL
- ALUMINIUM
- NICKEL
- ZN-COATED

- 900A Output – Delivers high performance for heavy fabrication all day.
- Versatile Applications – Supports semi-automatic, hard automation, and robotic welding.
- Advanced Connectivity – Includes Power Wave® Manager and Checkpoint® for remote setup, control, and quality monitoring.
- Rugged Reliability – IP23 rated for harsh environments.
- Energy Efficient – 95% power factor correction reduces energy costs vs. traditional systems.

Product	Item number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Weight	Dimensions H x W x D (mm)	Protection Class
Power Wave® S700	K5372-1	380-415/440-460/500/575	55/46/42/38A	700A/44V/100% (900A/44V/60%)	20-900	175	765 x 485 x 932	IP23

RECOMMENDED OPTIONS

PF84 Single CE
K3329-2-P



Welding cable 10 m with ground clamp 600A
GRD-600A-95-10M



Interconnection cable – 10 m
K10349-PGW-10M



Cooling liquid for torches Freezcool
W000010167



Water cooler Cool Wave™ 20S
K4713-1



Autodrive 4R220
K3561-1



AutoDrive® 19 Controller
K3004-2





ADVANCED PROCESS INVERTERS

POWER WAVE® R450

Industry's most capable 450A robotic power source.

INPUT OUTPUT

3 PHASE 50/60 Hz CC CV DC

APPLICATIONS

- AUTOMOTIVE
- GENERAL INDUSTRY
- HEAVY INDUSTRY



INDUSTRY LEADING
**5-YEAR
STANDARD
WARRANTY**



MILD STEEL STAINLESS STEEL ALUMINIUM NICKEL ZN-COATED

- Industry leading – fastest travel speeds, lowest spatter generation, superior gap bridging & excellent penetration profiles.
- Fastest cycle times made possible with the world's fastest robotic interface – ArcLink®.
- Join different thickness materials, starting from 0.6 mm.
- Energy Saving Mode – machine uses less than 50W in Hibernation Mode, reducing the operation costs.

Product	Item number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Power Wave® R450	K3455-1	230/380/415/460/575 50/60 Hz	60/54/30/27/21A	500A/39V@60%	5-550	68	570 x 356 x 630	IP23

WIRE FEEDERS Autodrive® 4R100, 4R220, SA

INPUT

40 VDC

OUTPUT



Product	Item number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
Autodrive® 4R100	K3560-1	4R	A/W	500A@100%	40V DC	1.3-20.3	0.6-1.3	0.9-1.2	0.9-1.6	13.2	213 x 191 x 231
Autodrive® 4R220	K3561-1						0.6-1.6	0.9-2.0		20.9	265 x 256 x 252
Autodrive® SA Push	K4444-1		W	350A@100%	N/A (via ArcLink®)	0.8-30.5	0.8-1.2	0.9-1.2	6.6	178 x 191 x 274	
Autodrive® SA Pull	K4445-1										

WELDING SOLUTIONS MADE FOR ROBOTS

ROBOT PACKAGE CONFIGURATOR

Select the type and thickness of material you want to weld, as well as the robot that you are using. The configurator will select the appropriate power source, wire feeder, water cooler, control cables and torch type, as well as the consumables. Finally, the configurator will recommend a suitable welding process for the job.



It's definitely worth a look.



ADVANCED PROCESS INVERTERS

POWER WAVE® ADVANCED MODULE

Expand your welding capabilities.

INPUT



OUTPUT



Unit Includes

- Power Source Output
- Pigtail Adapter Cable (Tweco™) (7.6 m)
- Remote Voltage Sense Lead
- ArcLink® Output Receptacle
- Differential Input and Output (Sync Tandem Output)
- Shielding Gas Input

INDUSTRY LEADING
**5-YEAR
STANDARD
WARRANTY**



ADV PROCESSES (with S500 or R450)

- RAPID Z
- AC-PULSE
- AC-PRECISIONPULSE
- AC-STT
- RAPID X
- RAPID X LS
- STT
- STT-BRAZE
- LOW FUME PULSE



- Provides multi-process reverse polarity (DC+), straight polarity (DC-), AC, high frequency TIG and STT functionality.
- Integrated Control Cables
- Quick Lock Mounting System

- ArcLink® Digital Communications
- Prevents potential damage caused by misconnection and voltage transients.
- Synchronizes operation with the host power source.

Product	Item number	Input Power	Rated Output	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Power Wave® Advanced Module	K3685-1	40V DC	350A/40%	33.8	292 x 356 x 630	IP23

POWER WAVE® STT® MODULE

Add STT® for exceptional arc Control.

INPUT



OUTPUT



Unit Includes

- Power Source Output Pigtail Adapter Cable (Tweco®)
- Remote Voltage Sense Lead 25 ft. (7.6 m)

INDUSTRY LEADING
**5-YEAR
STANDARD
WARRANTY**



ADV PROCESSES (with S500 or R450)

- RAPID X
- RAPID X LS
- STT
- STT-BRAZE
- LOW FUME PULSE



- Add STT® (Surface Tension Transfer®) process capability to any S & R series PowerWave (except S700) for enhanced puddle and burn-through control.

- Improve performance on thin metal or critical pipe root pass welding applications.
- Modular design allows easy connection and fast digital communication with compatible Power Wave® models.

Product	Item number	Input Power	Rated Output	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Power Wave® STT® Module	K2921-1	40V DC	500A@60%	21.3	292 x 356 x 630	IP23



PIPEFAB™ CE

Game-changing performance and simplicity.

INDUSTRY LEADING
**5-YEAR
STANDARD
WARRANTY**

INPUT



OUTPUT



APPLICATIONS

- PIPE & VESSEL
- PROCESS PIPE

Unit Includes

- PIPEFAB CE
- PIPEFAB feeder
- Dual cylinder undercarriage
- PIPEFAB cooler
- Wire reel enclosure kit
- Drive roll kits (1.0-1.2 mm) for steel and cored wire
- Welding cable 5 m with ground clamp 600A



MIG/MAG



MIG/MAG PULSE



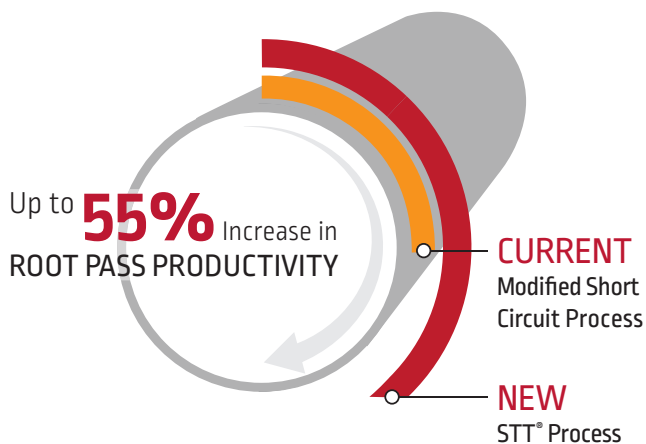
FCAW



TIG



STICK



MILD STEEL STAINLESS STEEL ALUMINIUM COOPER

- From root to cap, to final fit – the PIPEFAB™ system has you covered with weld modes that have been fine-tuned to deliver breakthrough arc performance.
- Our patented STT® process was the original open-root MIG solution to hit the market. After decades of leading the industry, we've taken the performance of this iconic process to the next level – making it better than ever.
- Powered by patented Cable View™ Technology, the PIPEFAB™ system continually monitors cable inductance and adjusts the waveform to maintain consistent arc performance with long or coiled cable runs up to 20 m.

Product	Item number	Input (V)	Fuse Type rG or Circuit Breaker Type Z	Rated Output	Output Range (A)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Pipefab™ CE	K3732-1	230/380/415/460/575V 50/60 Hz	53/46/26/24/19A	400A/26V@100% (MIG/TIG/FCAW) 400A/39V@100% (Stick)	5-400	94	560 x 432 x 863	IP23
Pipefab™ CE Ready Pak	K14283-1					154	1092 x 762 x 1220	

RECOMMENDED OPTIONS

MIG/MAG GUNS

LINCGUN® PROMIG™ SERIES
WATER COOLED:
LINCGUN® PROMIG™ 330W
4 m – W000345064-2
LINCGUN® PROMIG™ 500W
4 m – W000345076-2



TIG TORCHES

PROTIG III S SERIES
WATER COOLED:
PROTIG 35W
5 m – W000382725-2



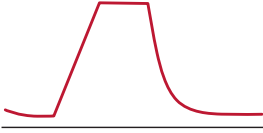
More details, see section "MIG GUNS" (pages 101-103).



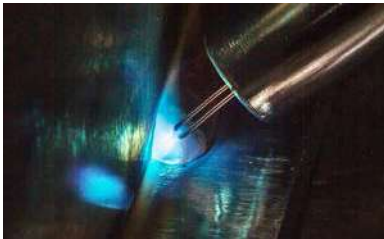
STEEL & STAINLESS STEEL

HyperFill®

Bigger welds – faster, easier.

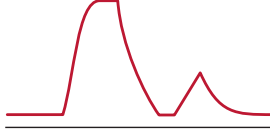


- Higher deposition rate. On average, usable deposition rates increase up to 50% while maintaining process ease-of-use.
- Easy molten puddle control.
- Comfortable for the welder.
- Large beads achievable.

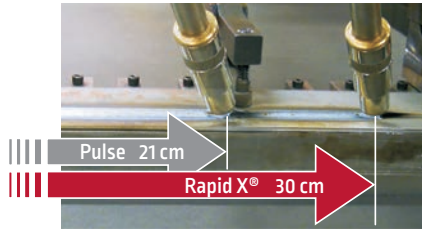


Rapid X®

High speed, low spatter, low heat input, no trade-offs.

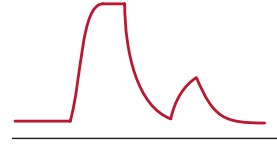


- Revolutionises the productivity of welding.
- Increases travel speeds by 40%.
- Reduces spatter by 30%.

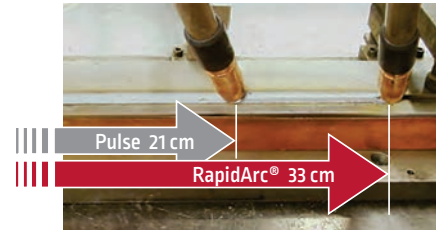


RapidArc®

Maximising weld travel speeds.



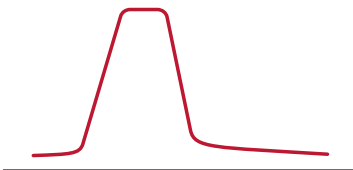
- Industry's premier waveform for high-speed welding.
- Travel speeds increased by 50%.
- Spatter reduced by 15%.



STEEL & STAINLESS STEEL

Precision Pulse™

Pulse performance for jobs demanding flexibility.

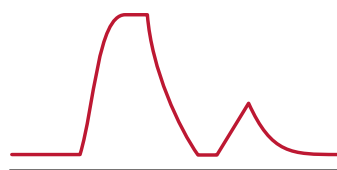


- Improved out-of-position welds.
- Enhanced puddle control for improved operator confidence.
- Controlled heat input.
- Improved welds in tight joints.

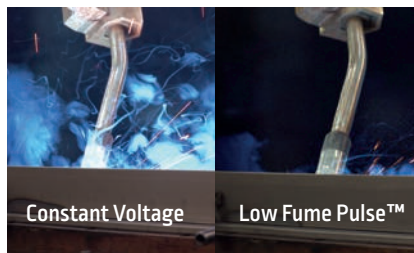


Low Fume Pulse™

Better weld and work environment.

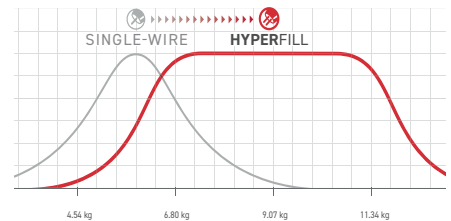


- Maximising operator appeal and arc forgiveness.
- Reduction in fume generation by up to 66% compared to CV.
- Excellent arc stability.
- Extremely low spatter generation.



Hyperfill®

Bigger welds. Faster, easier.



- Twin-wire MIG solution revolutionizes heavy fabrication productivity.
- Usable deposition rates increase up to 50% while maintaining process ease-of-use.





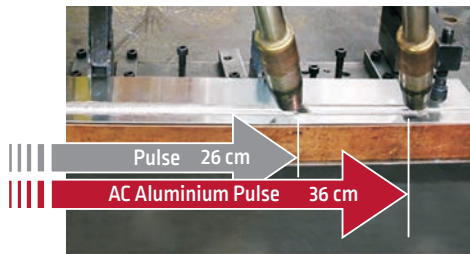
ALUMINIUM

AC Aluminium Pulse

Improved aluminium productivity and quality.

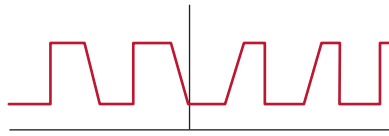
ULTIMARC® CONTROL

- Increases travel speeds by 40%.
- Increases deposition by 75%.
- Improves gap bridging capabilities.
- Decreases burn-through.



Pulse-on-Pulse®

TIG appearance – MIG productivity.



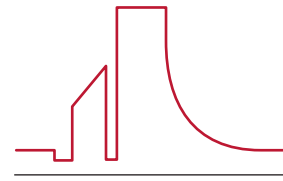
- Revolutionises the productivity of welding.
- Increases travel speeds by 40%.
- Reduces spatter by 30%.



STEEL, STAINLESS & NICKEL

STT®

Industry proven root pass solution.



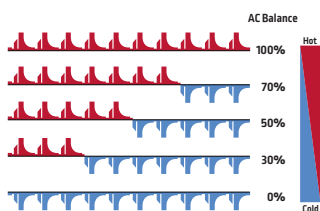
- Simplifies open root welding for any operator skill level.
- Eliminates common burn-through & lack of fusion issues.
- Delivers larger bead, flat face, perfect back bead and excellent fusion.



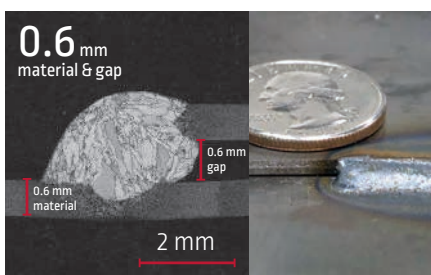
STEEL

AC-STT™

Industry's superior thin gauge solution.



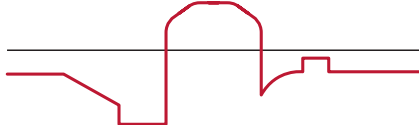
- Improved out-of-position welds.
- Enhanced puddle control for improved operator confidence.
- Controlled heat input.
- Improved welds in tight joints.



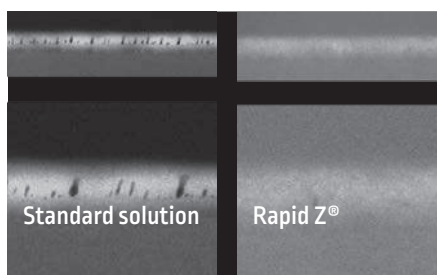
COATED STEEL

Rapid Z®

Lowest porosity, highest speed.



- Reduces internal and external porosity while maintaining high travel speeds.
- Improves bead appearance.



UNIVERSAL

Power Mode®

The universal mode for tough applications.

EXCELLENT PERFORMANCE:
THIN TO THICK MATERIAL

- Stable arc performance and fewer current fluctuations.
- More consistent weld penetration.
- Fewer fusion defects in welds.



HYPERFILL[®]

**FASTER
EASIER
BIGGER WELDS**



**MANUAL
WELDING**



**MECHANIZED
WELDING
WITH TRACTORS**



**ROBOTIC
WELDING**

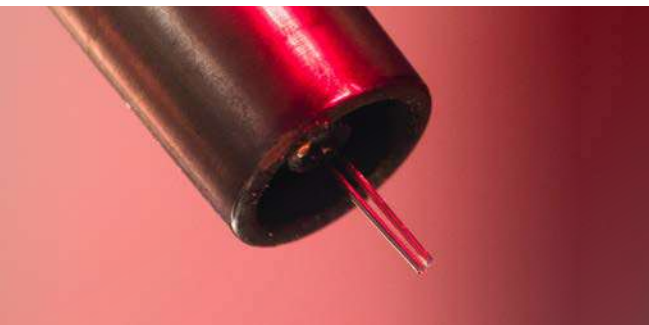


HYPERFILL® READY PAK SINGLE & DUAL CE

Bigger Welds - Faster. Easier.

The HyperFill® twin-wire MIG solution was developed to revolutionize heavy fabrication productivity. Designed for semiautomatic and robotic applications, HyperFill® redefines high deposition welding – allowing you to make larger welds, faster and more easily. With its innovative twin-wire design, HyperFill® allows for deposition rates above 6 kgs/hr (8+ kgs/hr robotically) without compromising weld quality or operator ease-of-use.



HyperFill Ready-Pak® Packages include everything needed to run the HyperFill for 2 wires of 1mm diameter process assembled and shipped on one pallet. Welding wire, shielding gas, must be ordered separately. For 1.2 mm and MCW wear parts need to be ordered separately.



- Maximize productivity – Increases deposition rates over single wire applications.
- Improve weld quality – Stable arc for easy control of large weld puddles.
- Low system complexity – Powered by a single power source. Fed through a single wire feeder and single contact tip.



HyperFill - Ready Pak Single | HyperFill - Ready Pak Dual

		HyperFill - Ready Pak Single K14209-2		HyperFill - Ready Pak Dual K14210-2	
1	Power Feed® 84	Hyperfill® PF84 Ready Pak Single K3329-2-P [1]		Hyperfill® PF84 Ready Pak Dual K3331-2-P [1]	
2	Power Wave® S500 CE	K3168-1	✓		✓
3	Cool Arc® 50 Water Cooler	K14050-1	✓		✓
4	Magnum PRO WC 1mm one pak	K4651-040	✓		✓
5	HyperFill Dual Reel stand	K14207-1	✓		✓
6	Inverter and Wire Feeder Cart	K3059-4	✓		✓
7	Gateway Pendant Kit	K4997-1[2]	✓		✓
	Freezcool coolant 9,6L	W000010167	✓		✓

The REVEAL Platform Activate the solution

The REVEAL Platform is an embedded software package that is integrated into all Lincoln Electric® Advanced Process Welding equipment. Using a simple scanning function via the Gateway pendant, the REVEAL Platform allows users to activate certain process-optimized solutions that use multiple Lincoln Electric components – such as a power source, specific weld mode, and consumable products – in order to maximize welding performance and deliver the true value of the solution.

Activation codes available separately.

[1] Regulators must be ordered separately. [2] Includes: Gateway Pendant (K4997-1), 5" Screen Protector (KP4735-2), and 8ft. Control Cable (K1543-8)

Hyperfill One-Pak Single CE -K14365-2, **Hyperfill Dual-Pak Single CE**- K14377-2 One-Pak have same constitution than Ready Pak. All elements have to be assembled by the user.

RECOMMENDED OPTIONS

HyperFill® Inlet Bushing
K4389-1



Magnum Pro gun liner
– 2.0 mm / 4.5 m
KP44-564-15



HyperFill® contact tip
– 1.0 mm
KP4482-040



Gas diffuser HyperFill®
KP4481-1



Nozzle HyperFill®
KP4120-1-75R



HyperFill® drive roll kit
1.0 mm
KP4388-1



Wire Reel Stand
20 kg spools max.
K3342-1



HYPERFILL® Bench
Top Kit
K4630-2



HYPERFILL® Reel Stand
Conversion Kit
K4630-1



COOPER™ COBOT

CLICK CLICK and WELD™

Do you have trouble finding qualified welders?
Do you need to implement automation to stay competitive?

Lincoln Electric Automation™ has an affordable,
game-changing solution with Cooper™ welding cobots!



SIMPLIFIED
PROGRAMMING



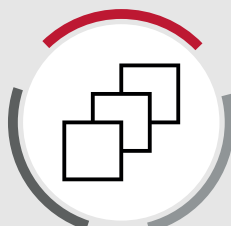
AUTO AIR MOTION
RECORDING



SMART CIRCLE
WELDS



WELD BY NUMBERS



WELD PATTERNING



TORCH ANGLE
QUICK SET



COOPER™ COBOT CART

Helps Improve Productivity. Collaborative Robot Partner

INPUT



OUTPUT



APPLICATIONS

- HIGH-MIX JOB SHOPS
- REPAIR & RE-MANUFACTURING
- MECHANICAL CONTRACTORS & PIPE SHOPS
- STEEL FABRICATORS & METAL SERVICE CENTRES
- STRUCTURAL & AGRICULTURAL

Unit Includes

- Fanuc CRX 10iA/L with Tablet-Based TP
- The Cooper App
- Integrated Push-button Torch Control
- Power Wave® R450 Robotic Power Source
- AutoDrive® 4R100 Wire Feeder
- Robotic torch (see table below)
- Coolarc 26 (for cooling package)
- Plug & Play single power input
- Fixed Welding Table
- Heavy Duty Casters
- Stabilizing Kickstand
- Utility Drawer & Tablet Tray
- Arc visual protection



Basic Cart with Cobot Includes:

Product	LE550A AIR	LE550W WATER	B500W WATER	FX500W WATER
Cart with Cobot CRX 10iA/L + Software Pack	AS-RM-91506411	AS-RM-91506471	AS-RM-91506431	AS-RM-91506451
Cart with Cobot CRX 10iA/L + Table + Software Pack	AS-RM-91506413	AS-RM-91506473	AS-RM-91506433	AS-RM-91506453
Steel / Stainless	✓		✓	
Aluminium	-	-	✓	-
Fume extraction	-	-	-	✓
Application	300A@100%	Intensive - 450A@100%		
Cart weight	470 kg	500 kg		
Cart dimension	1672 x 800 mm			
Cart payload	226 kg			



Power Source



Torch



COOLARC 26 (water version)



Wire Feeder AutoDrive® 4R100

Options:



Software pack

RECOMMENDED OPTIONS

Advanced functions- Thick Plate Package:
+ Touch Sensing
+ Multi-pass
+ THRU-ARC Seam Tracking*



Cooling liquid for torches Freezcool W000010167



Linc-Extractor for fume extraction gun EM61000624



Mobifilter Fume Extractor for conventional gun EM7025100700





COOPER COBOT

COOPER™ COBOT PLATFORM

Customize your tool

INPUT



OUTPUT



APPLICATIONS

- HIGH-MIX JOB SHOPS
- REPAIR & RE-MANUFACTURING
- MECHANICAL CONTRACTORS & PIPE SHOPS
- STEEL FABRICATORS & METAL SERVICE CENTRES
- STRUCTURAL & AGRICULTURAL

Unit Includes

- Fanuc CRX 10iA/L or CRX 30iA with Tablet-Based TP
- The Cooper App
- Integrated Push-button Torch Control
- Power Wave® R450 Robotic Power Source
- AutoDrive® 4R100 Wire Feeder [4R220 for HYPERFILL®]
- Robotic torch (see table below)
- Coolarc 50 (for cooling package)
- Ethernet Hub
- Heavy Duty Casters
- Utility Drawer & Tablet Tray
- Arc visual protection



MIG/MAG



MIG/MAG PULSE



HYPERFILL

LE550A AIR



LE550W WATER



B500W WATER



FX500W WATER



HYPERFILL®
LE550W WATER



Product	LE550A AIR	LE550W WATER	B500W WATER	FX500W WATER	HYPERFILL® LE550W WATER
Platform with Cobot + Software Pack	AS-RM-91506511	AS-RM-91506571	AS-RM-91506531	AS-RM-91506551	AS-RM-91506591
	AS-RM-91506811	AS-RM-91506871	AS-RM-91506831	AS-RM-91506851	AS-RM-91506891
Platform with Cobot + Advance Module + Software Pack	AS-RM-91506513	AS-RM-91506573	AS-RM-91506533	AS-RM-91506553	AS-RM-91506593
	AS-RM-91506813	AS-RM-91506873	AS-RM-91506833	AS-RM-91506853	AS-RM-91506893
Steel / Stainless	✓			✓	
Aluminium	-	-	✓	-	-
Fume extraction	-	-	-	✓	-
Application	300A@100%	Intensive - 450A@100%			
Platform weight	640 kg (CRX 10iA/L)	670 kg (CRX 10iA/L)		640 kg (CRX 10iA/L)	
	710 kg (CRX 30iA)	740 kg (CRX 30iA)		710 kg (CRX 30iA)	
Platform dimension	1480 x 1000 mm				

COBOT CRX10IAL

COBOT CRX30IA



Basic Platform with Cobot Includes:



Power Source



Torch



COOLARC 50
(water version)



Wire Feeder
AutoDrive® 4R100

Options:



Software pack



Power Wave®
Advance module

RECOMMENDED OPTIONS

Advanced functions- Thick Plate Package

- + Touch Sensing
- + Multi-pass
- + THRU-ARC Seam Tracking*



Power Wave®
Advance module
K3685-1



Mobifilter
Fume Extractor for
conventional gun
EM7025100700



Linc-Extractor
for fume extraction gun
EM61000624



Cooling liquid
for torches Freezcool
W000010167





COOPER™ COBOT INTEGRATOR

The Cooper™ Cobot Integrator Package allows you to customize your solution.

APPLICATIONS

- HIGH-MIX JOB SHOPS
- REPAIR & RE-MANUFACTURING
- MECHANICAL CONTRACTORS & PIPE SHOPS
- STEEL FABRICATORS & METAL SERVICE CENTRES

Unit Includes

- FANUC® CRX® 10iA/L or 30iA
- Cooper App
- PowerWave® robotic power source
- Wire drive control cable 3.6m and Spool D300mm 16 kg holder
- Ethernet cable between Cobot and Power Source

NEW



COOPER APP FEATURES

- Innovative Cooper App, quick programming and quality welds
- Simplified Programming
- Auto Air Motion Recording
- Smart Circle Welds
- **Weld by Numbers**
- Accelerated Onboarding
- Torch Angle Quick Set
- Weld Patterning
- **Click, Click, Weld™**
- Safe and reliable Cobot operation
- Highest Safety
- Maintenance free

COOPER APP THICK PLATE PACKAGE FEATURES

- Touch Sensing
- Thru-Arc™ Tracking
- Multi-pass

Product	Cobot CRX10iA/L	Cobot CRX30iA
Cobot + Power Source	AS-RM-91506600	AS-RM-91506605
Cobot + Power Source + Thick Plate Package	AS-RM-91506601	AS-RM-91506606

Torch kits for Cooper™ Cobot Integrator packages

Unit Includes

- Welding torch and collars
- Harness Feeder to Power Source
- Smart programming bracket
- AutoDrive® wire feeder 4R100 (4R220 for HYPERFILL®)
- Coolarc 50 (excluding AS-RM-91506610)
- Additional Spool D300mm 16kg holder (for AS-RM-91506690)
- Gateway kit (for AS-RM-91506690)

Product	Item number
Magnum PRO water cooled torch LE550W	AS-RM-91506670
Magnum PRO air-cooled torch LE550A	AS-RM-91506610
Water cooled torch B500W	AS-RM-91506630
Fume extraction water cooled torch Linc-Gun FX500W	AS-RM-91506650
Magnum PRO water cooled torch LE550W HYPERFILL	AS-RM-91506690







SEMI AUTOMATIC WIRE FEEDERS



SEMI AUTOMATIC WIRE FEEDERS

MODEL ITEM NUMBER

MODEL	ITEM NUMBER	INPUT		OUTPUT			WIRE SIZE RANGE (mm)			FEATURES											
		Input Power	Rated Output	Solid Wires	Cored Wires	Aluminium Wires	Wire Drive System	A/V Meters	Max wire spool size (mm)	Wheels	EURO socket	Socket for Electrode	Internal Contactor	Flow meter	Synergic	Control Cable	Across-the-Arc	ArcLink	Crosslinc	MIG Gun cooling	Warranty (years)
DIGITAL																					
Construction																					
LF-5D Standard (GFR)	K14410-2	40V DC	500A /60%	0.8-1.6	1.0-1.6	1.0-1.6	2R	LEDs	200		•	•	•	•	5P				A/W	3	
LF-52D	K14335-1	40V DC	500A /60%	0.8-1.6	0.9-1.6	1.0-1.6	4R	LEDs	300	•	•	•	o	•	5P				A/W	3	
LF-56D	K14336-1	40V DC	500A /60%	0.8-1.6	0.9-1.6	1.0-1.6	4R	TFT	300	•	•	•	o	•	5P				A/W	3	
Power Feed® 56D	K14392-1	40V DC	500A /60%	0.8-1.6	1.0-1.6	1.0-1.6	4R	TFT	300	•	•	•	o	•	5P	•			A/W	3	
Hyperfill® PF84 Ready Pak Single	K3329-2-P	40V DC	600A /60%	0.6-2.4	0.8-2.8	0.9-2.4	4R	LEDs	up to 27 kg		•			•	5P	•			A/W	3	
Hyperfill® PF84 Ready Pak Dual	K3331-2-P	40V DC	600A /60%	0.6-2.4	0.8-2.8	0.9-2.4	4R (2)	LEDs	up to 27 kg		•			•	5P	•			A/W	3	
Suitcase																					
Power Feed® 25M	K2536-5	40V DC	500A /60%	0.6-1.6	0.8-2.0	0.9-1.6	2R (1)	LEDs	300		o		o	•	5P	•			A/W	5	
CROSSLINC® (Suitcase)																					
LN-25X	K4267-4	15-110V DC	450A /60%	0.6-1.6	0.8-2.0	0.9-1.6	2R (1)	LEDs	300		o	•	•		•	•			A	3	
Activ8X	K3519-2	15-110V DC	330A /60%	0.6-1.6	0.8-2.0	0.9-1.6	2R (1)	LEDs	200		o				•	•			A	3	
Activ8X® Pipe™	K5240-1	60-90V DC	275A / 60%	0.9-1.2	1.0-1.2	0.9-1.6	2R (1)	LEDs	200		o	•	•		•	•			A	3	

- (1) MAXTRAC Wire Drive System
- (2) Two wire drive systems
- o – Option
- A – Air cooled
- W – Water cooled





LF-5D

Small Wire Feeder with Advanced Features



INPUT



OUTPUT



RECOMMENDED POWER SOURCES

- SPEEDTEC® 400SP / 500SP
- POWERTEC® i350S / i420S / i500S

Unit Includes

- Drive roll 1.0-1.2 mm for solid and flux-cored wire
- User manual on USB
- Gas Flow Regulator



MIG/MAG PULSE



MIG/MAG



FCAW



- Engineered with a compact, durable case—ideal for confined or harsh working environments.
- Built-in shielding gas regulator allows for precise on-site adjustments, especially convenient when using long hose assemblies.
- Features two gear-driven rolls for reliable wire feeding. Tool-free roll changes ensure quick and easy maintenance.
- Two-piece design provides effortless access for inspection, cleaning, or switching wire sizes.
- Internal LED lighting the wire drive area, enhancing visibility.
- No external hardware required. Offers flexible configuration for seamless integration into various setups.

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
LF-5D Standard (GFR)	K14410-2	2R	A/W(i)	500A@60%	40V DC	1.5-22	0.8-1.6	0.9-1.6	1.0-1.6	9.1	320 x 232 x 476

(i) with optional kit (K14432-1)

RECOMMENDED OPTIONS

MIG/MAG GUNS

LINGGUN® PROMIG™



LGS3 GUNS



Choose Welding Gun depending on the Power Source and cooling [air/water] set.

Interconnection cable AIR K14198-PG-x



Interconnection cable WATER K14199-PGW-xM



Protective cage K14430-1
Protective cage wheels kit K14431-1



Shoulder strap kit K14435-1



Drive Roll Kit KP14420-xx



Water hoses kit K14432-1



More details, see section "MIG GUNS" (pages 101-103).



DIGITAL WIRE FEEDERS

LF-52D & LF-56D

Built for the Jobsite.

INPUT



OUTPUT



RECOMMENDED POWER SOURCES

- SPEEDTEC® 400SP / 500SP
- POWERTEC® i350S / i420S / i500S

Unit Includes

- Drive roll 1.0-1.2 mm
- User manual on USB



MIG/MAG PULSE



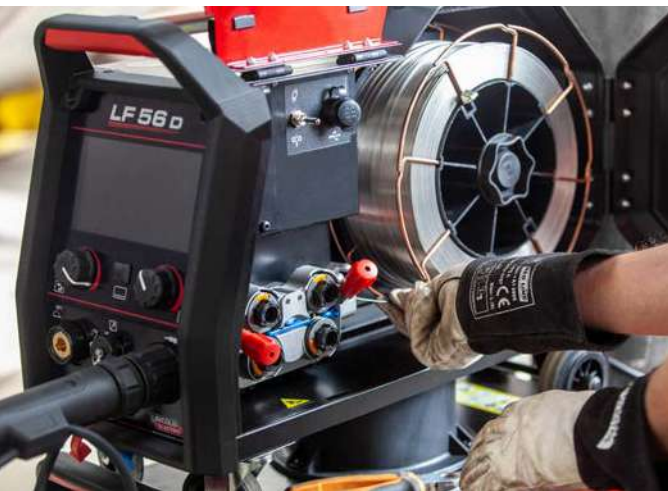
MIG/MAG



FCAW



only LF56D



- USB, date, calendar, speaker and stronger encoders (LF56D).
- Small, rugged and easy to handle feeders with bright digital meters.
- Digital communication protocol for welding, making it the best choice for seamless, time critical integration with the power source.
- Perfect feedability, four roll drive system with powerful motor.
- Easy-to-understand user interface panels make it easy to set weld parameters.
- Optimised wire spool installation, inspection window and lifting eye.
- Equipped with wheels as standard.

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
LF52D (Standard)	K14335-1	4R	A/W	500A@60%	40V DC	1.5-22	0.8-1.6	1.0-1.6	0.9-1.6	17	302 x 642 x 516
LF56D (Advanced)	K14336-1									17.7	

More details about Wire feeder Functions and Accessories at the end of the chapter.

RECOMMENDED OPTIONS

MIG/MAG GUNS

LINCUN® PROMIG™



LG53 GUNS



Choose Welding Gun depending on the Power Source and cooling (air/water) set.

Drive Roll Kit (4 rolls, metal wire guide and plastic wire guide set) KP14150-XX



Interconnection cable
Air cooled K14198-PG-XX
Water cooled K14199-PGW-XX



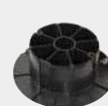
Gas flow meter kit K14175-1



Control panel cover kit T-8040-X (optional for LF-52D)



Adapters for wire spool 300 mm K10158 K10158-1



More details, see section "MIG GUNS" (pages 101-103).



POWER FEED® 56D

Digital wire feeder designed to work with Power Wave.



INPUT



OUTPUT



RECOMMENDED POWER SOURCES

- POWER WAVE® S500

Unit Includes

- Drive roll 1.0-1.2 mm
- User manual on USB



MIG/MAG PULSE



MIG/MAG



FCAW



- Small rigged and easy to handle feeder.
- Top class four rolls drive system
- Featuring 7" TFT screen, full text message
- 50 memories available
- Optimized spool installation & internal light
- Push pull capability
- Equipped with wheels as standard

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range [m/min]	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
Power Feed® 56D	K14392-1	4R	A/W	500A@60%	40V DC	1.5-22	0.8-1.6	0.9-1.6	1.0-1.6	177	302 x 642 x 516

RECOMMENDED OPTIONS

MIG/MAG GUNS

LINCUN® PROMIG™



LGS3 GUNS



Choose Welding Gun depending on the Power Source and cooling [air/water] set.

Gas flow meter kit
K14175-1



Drive roll kit (4 pcs / diameter 37 mm)
KP14150-xx



Interconnection cable Air cooled
K14198-PG-x
Water cooled
K14199-PGW-xM



6-pin/12-pin adapter
K2909-1



Adapters for wire spool 300 mm
K10158
K10158-1



More details, see section "MIG GUNS" (pages 101-103).



DIGITAL WIRE FEEDERS

HYPERFILL® PF84 READY PAK SINGLE & DUAL

Single and dual bench/boom wire feeder.

INPUT



OUTPUT



RECOMMENDED POWER SOURCES

- POWER WAVE S500
- POWER WAVE S700

Unit Includes

- Control cable assembly
- Drive roll, 1.2 mm V-Groove
- Drive roll, 1.6 mm V-Groove



MIG/MAG PULSE



MIG/MAG



FCAW



STT®



HYPERFILL®



- 4 memories with limits and lockouts for process control
- Designed especially for consistent feeding over long conduit runs and large diameters wires
- Advanced MAXTRAC® cast aluminum wire drive system features patented tool-less drive roll and split wire guide design
- Configure for single, dual, bench or boom setups as your workspace changes

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range [m/min]	Wire Size Range (mm)			Weight [kg]	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
Hyperfill® PF84 Ready Pak Single	K3329-2-P	4R	A/W	600A@60%	40V DC	2-30	0.6-2.4	0.8-2.8	0.9-2.4	25.8	450 x 430 x 770
Hyperfill® PF84 Ready Pak Dual	K3331-2-P	4R (*)								43.2	

(*) Two wire drive systems

RECOMMENDED OPTIONS

DRIVE ROLL & WIRE GUIDE KITS

For solid wires
KP1505-X



For cored wires
KP1505-X



For aluminium wires
KP1507-X



Remote control
K10095-1-15M



Undercarriage four wheels
K163-1



Remote Output Control with 6/12-pin Universal Connector
K857-X



Interconnection cable Water cooled
K10349-PGW-xM





POWER FEED® 25M

Premium welding solution with a portable design!



MIG/MAG PULSE



MIG/MAG



STT®



FCAW

INPUT



OUTPUT



RECOMMENDED POWER SOURCES

- POWER WAVE S500
- POWER WAVE S700
- FLEXTEC® 350XP
- SPEEDTEC® 400SP / 500SP

Unit Includes

- Gas Solenoid
- Gun Bushing (K1500-1)
- Electrode Pigtail



- Built tough for rough environments. From construction to shipbuilding, this design will meet your expectations. Comes standard with durable, aluminium or plastic case.
- Internal lighting – high intensity LED's illuminate the wire drive.
- Internal heating maintains control of humidity of your consumable by keeping the package warm and protected in an enclosed case.
- Mode Select Panel (MSP4) allows easy access to the Power Wave® library of waveforms. Advanced controls and set-up options are only a fingertip away!
- Dual Procedure and Memory Buttons allow you to set up an A and B procedure to simplify “on-the-fly” switching!

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
Power Feed® 25M	K2536-5	2R	A	500A@60%	40V DC	1.3-20.3	0.6-1.6	0.8-2.0	0.9-1.6	15.9	368 x 216 x 597

RECOMMENDED OPTIONS

DRIVE ROLL & WIRE GUIDE KITS

For steel wires (including stainless steel)

KP1696-X



For cored wires

KP1697-X



For aluminium wires

KP1695-X



CONTROL CABLES

ArcLink®/Linc-Net® Control Cable K1543-X



Heavy duty ArcLink® Control Cable K2683-X



Fast-Mate adapter kit K489-7



6-pin to 12-pin Adapter K2909-1



Adapters for wire spool 300 mm K10158 K10158-1



Remote Output Control with 12-pin Universal Connector K857-X



Replacement case kit (polycarbonate) K2596-2



CROSSLINC® WIRE FEEDERS

ACTIV8X®

Rugged. Compact. Connected.

INPUT



OUTPUT

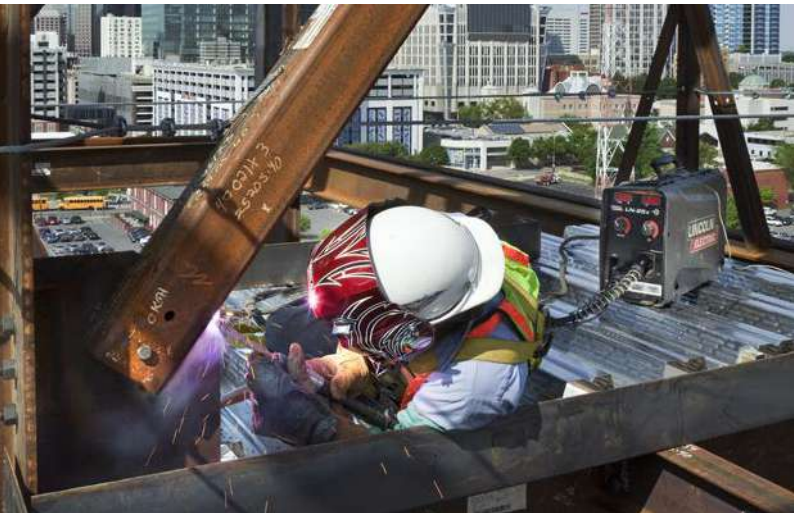


RECOMMENDED POWER SOURCES

- FLEXTEC® 350XP

Unit Includes

- Twist-Mate plug



- Portable for shipbuilding, offshore or construction operations; small enough to fit through manways
- Impact resistant, flame retardant case and potted PC Boards for moisture and corrosion protection provide rugged durability
- MAXTRAC® Wire Drive System – Heavy-duty cast aluminum wire drive system provides reliable feeding and durability
- Accepts up to 200 mm diameter wire spools
- CrossLinc® Technology allows for remote output control over the welding leads - no cable needed
- True Voltage Technology™ automatically compensates for voltage drops across long welding cables

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
Activ8X® CE	K3519-2	2R	A	330A/60%	15-110 VDC	1.3-177	0.6-1.6	0.8-2.0	0.9-1.6	12.2	298 x 193 x 503

RECOMMENDED OPTIONS

DRIVE ROLL & WIRE GUIDE KITS

For steel wires (including stainless steel)
KP1696-X

For cored wires
KP1697-X

For aluminium wires
KP1695-X



Weld power cable – lug to lug 600A/60%
K1842-X



Gun receiver bushing
K1500-X



Fast-Mate adapter kit
K489-7





ACTIV8X[®] PIPE[™]

Perfectly Tuned for Pipe Welding

INPUT



OUTPUT



RECOMMENDED POWER SOURCES

- FLEXTEC[®] 350XP

Unit Includes

- Twist-Mate plug
- Rolls for 0.9mm/1.2mm solid wire
- Feed Plate Gun Adapter K1500-2



MIG/MAG



MIG/MAG PULSE



STT[®]



FCAW



- Provides industry leading root-to-cap weld processes – including STT[®] Field and Pulsed MIG
- Features CrossLinc[®] Technology enabling voltage control at the feeder without the extra cable which promotes improved productivity, safety and quality
- Digital meters and user interface allow for easy changes to wire feed speed, voltage and weld mode right at the feeder
- True Energy[®] Technology allows for accurate measurement and calculations of total energy throughout the weld

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
Activ8X [®] Pipe [™]	K5240-1	2R	A	275A/27V/60% 250A/25V/100%	15-110 VDC	1.3-20.3	0.9-1.2	1.0-1.2	0.9-1.6	22.45	496 x 207 x 534

RECOMMENDED OPTIONS

DRIVE ROLL & WIRE GUIDE KITS

For steel wires (including stainless steel)

KP1696-X

For cored wires

KP1697-X

For aluminium wires

KP1695-X



Weld power cable – lug to lug 600A/60%
K1842-X



Gun receiver bushing
K1500-X



Fast-Mate adapter kit
K489-7





CROSSLINC® WIRE FEEDERS

LN-25X

Full control with no control cables.

INPUT



OUTPUT



RECOMMENDED POWER SOURCES

- FLEXTEC® 350XP

Unit Includes

- Twist-Mate plug
- Flow meter integrated into feeder



- Remotely controls preset voltage without a control cable.
- Trigger interlock switch facilitates long welds.
- Arc hour meter for tracking maintenance and productivity.
- Digital meters display voltage, current and wire feed speed.
- Industry-proven Maxtrac® Wire Drive System provides reliable feeding and easy changeovers.
- Fully encapsulated and environmentally protected electronics.
- Replaceable, flame resistant case can be installed in under five minutes.
- Crosslinc™ Technology.
- True Voltage Technology™ (TVT™) automatically compensates for voltage drops across long welding cables.

Product	Item Number	Drive Roll	Cooling	Rated Output	Input Power	WFS Range (m/min)	Wire Size Range (mm)			Weight (kg)	Dimensions H x W x D (mm)
							Solid	Cored	Aluminium		
LN-25X CE	K4267-4	2R	A	450A@60%	15-110V DC	1.3-177	0.6-1.6	0.8-2.0	0.9-1.6	17	376 x 221 x 589

RECOMMENDED OPTIONS

DRIVE ROLL & WIRE GUIDE KITS

For steel wires (including stainless steel)
KP1696-X



For cored wires
KP1697-X



For aluminium wires
KP1695-X



Adapters for wire spool 300 mm
K10158
K10158-1



Weld power cable – lug to lug 600A/60%
K1842-X



Gun receiver bushing
K1500-X



Fast-Mate adapter kit
K489-7



Preflow, Postflow and Burnback Timer Kit
K2330-2



Replacement case kit (polycarbonate)
K2596-2



WIRE FEEDERS COMPATIBILITY

Product	Item Number	Powertec® i350S	Powertec® i420S	Powertec® i500S	Speedtec® 400SP	Speedtec® 500SP	Flextec® 350XP	PowerWave® S500	PowerWave® S700	
		DIGITAL FEEDERS								
LF-5D Standard (GFR)	K14410-2	•	•	•	•	•	•			
LF-52D	K14335-1	•	•	•	•	•	•			
LF-56D	K14336-1	•	•	•	•	•	•			
Power Feed® 56D	K14392-1							•		
Hyperfill® PF84 Ready Pak Single	K3329-2-P						•			
Hyperfill® PF84 Ready Pak Dual	K3331-2-P						•			
Power Feed® 25M	K2536-5				•	•	•	•	•	
		CROSSLINC® FEEDERS								
LN-25X™	K4267-4							•		
Activ8X™	K3519-2							•		
Activ8X® Pipe™	K5240-1							•		

DIGITAL WIRE FEEDERS FUNCTIONS

Product	Item Number	Digital meters	Graphic display	Synergic	Presetting	2T/4T Trigger	Cold feed / gas purge	Arc control / inductance	Start procedure	Crater procedure	Run-in	Burn-back	Preflow / postflow	Memory	Limits	USB	Locking function	Procedure A/B	Built in flowmeter	Lighting in feeder cabinet	Push-Pull gun compatible
		DIGITAL WIRE FEEDERS FUNCTIONS																			
LF-5D Standard (GFR)	K14410-2	•		•	•	•	•	•	•	•	•	•	•	•	•	•			•	•	
LF-52D	K14335-1	•		•	•	•	•	•	•	•	•	•	•	•	•	•		option		•	
LF-56D	K14336-1	• [7]		•	•	•	•	•	•	•	•	•	•	•	•	•		option		•	•
Power Feed® 56D	K14392-1	• [7]		•	•	•	•	•	•	•	•	•	•	•	•	•		option		•	•
Power Feed® 84 Ready Pak Single	K3329-2-P	•		•	•	•	•	•	•	•	•	•	•	•	•	•					•
Power Feed® 84 Ready Pak Dual	K3331-2-P	•		•	•	•	•	•	•	•	•	•	•	•	•	•					•
Power Feed® 25M	K2536-5	•		•	•	•	•	•	•	•	•	•	•	•	•	•		option		•	•

CROSSLINC® WIRE FEEDERS FUNCTIONS

Product	Item Number	Digital meters	2T/4T trigger	Cold feed / gas purge	Burn-back	Run-in	Preflow / postflow	Start procedure	Crater procedure	Synergic	TVT	Built in flowmeter
		CROSSLINC® WIRE FEEDERS FUNCTIONS										
LN-25X	K4267-4	•	•	•	•	•	•				•	•
Activ8X™	K3519-2	•	•	•	•	•	•				•	
Activ8X® Pipe™	K5240-1	•	•	•	•	•	•	•	•	•	•	



SEMI AUTOMATIC WIRE FEEDERS

ACCESSORIES



Product	Item Number	LF-5D	LF-52D & LF-56D	Power Feed® 56D	Power Feed® 84 Ready Pak Single & Dual	Power Feed® 25M	LN-25X	Activ8X / Activ8X® Pipe™
UNDERCARRIAGES								
Undercarriage four wheels	K163-1				•			
ROLLS								
Drive roll kit for solid/cored/aluminium wire *	KP14420-x	•						
Drive roll kit (4 pcs / diameter 37 mm) *	KP14150-xx		•	•				
Drive roll kit for solid wire *	KP1696-x					•	•	•
Drive roll kit for cored wire *	KP1697-x					•	•	•
Drive roll kit for aluminium wire *	KP1695-x					•	•	•
Drive roll kit for solid wire and cored wire *	KP1505-x				•			
Drive roll kit for aluminium wire *	KP1507-x				•			
CABLES								
Interconnection cable Water cooled *	K10349-PGW-xM				•	•		
Interconnection cable Air cooled *	K14198-PG-xM	•	•	•				
Interconnection cable Water cooled *	K14199-PGW-xM	•	•	•				
Weld Power Cable 18.3 m – Lug to Lug – 600A/60%	K1842-60					•	• (1)	• (1)
Coaxial Weld Power Cable 7.6 m – Lug to Lug – 350A 60%	K1796-25				•	•		
Coaxial Weld Power Cable 15.2 m – Lug to Lug – 350A 60%	K1796-50				•	•		
Coaxial Weld Power Cable 23 m – Lug to Lug – 350A 60%	K1796-75				•	•		
ArcLink Control Cable – Male 5-pin to Female 5-pin 2.4 m	K1543-8		•	•	•	•		
REMOTE CONTROL & USER INTERFACE								
Remote control 15m (6PIN / 1POT)	K10095-1-15M			• (2)	• (2)	• (2)		
Extension cable for remote control (6PIN) 15 m	K10398			•	•	•		
Remote control RC-7 Advanced	K14203-1		•	•				
Remote control 6PIN 7.6 m	K857			• (2)	• (2)	• (2)		
Remote control 6PIN 30.4 m	K857-1			• (2)	• (2)	• (2)		
Remote control 12PIN 7.6 m	K857-2			•	•	•		
Remote control 12PIN 30.4 m	K857-3			•	•	•		

* see EQUIPMENT OPTIONS chapter

(1) require K10376 (F) adapter

(2) require K2909-1 adapter



ACCESSORIES



Product	Item Number	LF-5D	LF-52D & LF-56D	Power Feed® 56D	Power Feed® 84 Ready Pak Single & Dual	Power Feed® 25M	LN-25X	ActiveX / ActiveX® Pipe™
OTHER OPTIONS								
Arclink-T Flex	K14131-1	•	•	•	•	•		
Adapter 5Pin(M)/12Pin(F)	K14132-1		•	•	•	•		
Arclink-T-Power	K14135-1	•	•	•	•	•		
Gas flow meter kit	K14175-1	•(included)	•	•				
Wire feeder drum quick connector	K14204-1	•	•	•				
12PIN to 6PIN Adapter	K2909-1			•	•	•		
Fast-Mate EURO Adapter (10 Series Feeders)	K489-7					•	•	•
Fast-Mate EURO Adapter (10 Series Feeders)	K489-9					•	•	•
Fast-Mate EURO Adapter (Magnum)	K3349-1				•			
Gun receiver bushing for Lincoln Electric guns	K1500-1					•	•	•
Gun receiver bushing for Tweco® #2-#4 guns	K1500-2					•	•	•
Gun receiver bushing for Tweco® #5 guns	K1500-3					•	•	•
Gun receiver bushing for OXO® guns	K1500-5					•	•	•
Replacement case kit – polycarbonate	K2596-2					•	•	
Water connection kit	K590-6				•	•		
Preflow, postflow and burnback timer kit	K2330-2						•	
Wire straightener	K1733-1				•			
Adapter TIG euro	KP10519-8			•	•	•		
Spool Cover 18 kg spools	K1634-4				•			
Lift Bail	K3341-1				•			
Standard Duty Wire Reel Stand 20 kg spools max.	K3342-1				•			
Incoming Bushing for Lincoln® Conduit, 0.6-1.6 mm wire	K1546-1				•			
Shield Gas Flow Sensor	K3338-1				•			
Adapter for wire spool 200 mm	R-1019-125-1/08R		•	•		•	•	
Adapter for wire spool 300 mm	K10158-1		•	•		•	•	
Adapter for wire spool 300 mm	K10158		•	•		•	•	







TIG WELDERS



TIG WELDERS

PRODUCT	ITEM NUMBER	INPUT		OUTPUT			PROCESS				FEATURES					
		Phase (50-60 Hz)	Input Voltage (V)	Mode	Polarity	Current Range (A)	SMAW	Lift TIG	TIG HF	TIG Pulse	PFC	Motor generator compatibility	Up/Down	Memory	Meters (A/V)	Warranty (years)
TIG DC (1 PHASE)																
Sprinter® 180T	K14439-1	1	120/230	CC	DC	10-180	•	•	•	•	•	•				3
Sprinter® 200T	K14440-1	1	120/230	CC	DC	10-200	•	•	•	•	•	•				3
Invertec® 175TP	K14169-1	1	230	CC	DC	5-175	•	•	•	•	•	•	•	•	•	2
Invertec® 220TPX	K12057-1	1	115/230	CC	DC	5-220	•	•	•	•	•	•	•	•	•	3
TIG DC (3 PHASE)																
Invertec® 275TP	K14243-1	3	400	CC	DC	5-270	•	•	•	•		•	•	•	TFT	3
Invertec® 300TP	K14387-1	3	400	CC	DC	5-300	•	•	•	•		•	•	•	TFT	3
Invertec® 400TP	K14390-1	3	400	CC	DC	5-400	•	•	•	•		•	•	•	TFT	3
TIG AC/DC (1 PHASE)																
Aspect® 200	K14189-1	1	230	CC	AC/DC	2-200	•	•	•	•	•	•	•	•	•	3
TIG AC/DC (3 PHASE)																
Aspect® 300	K12058-1	3	400	CC	AC/DC	2-300	•	•	•	•	•	•		•	•	3
Square Wave 400 ADV	K14412-1	3	400	CC	AC/DC	3-400	•	•	•	•		•	•	•	TFT	3





SPRINTER® 180T & 200T

TIG and STICK welders and so much more

NEW



INPUT



OUTPUT

APPLICATIONS

- LIGHT FABRICATION
- REPAIR AND MAINTENANCE
- LIGHT STRUCTURAL
- ON-SITE INTERVENTION
- PIPELINE REPAIR
- FARM
- SHIPBUILDING

Unit Includes

- Instruction Manual on USB
- Shoulder strap
- Quick Start



MILD STEEL

STAINLESS STEEL

CHROMOLY STEEL

COPPER

NICKEL ALLOYS

INNOVATIVE USER INTERFACE



- Dual Input Voltage: 120V and 230V for different power supply.
- Pulsed TIG Mode: Enhanced control for precise, thin welds.
- High Frequency Start: Precise arc strikes for TIG welding.
- Hot Start: Boosts initial welding current for quick arc ignition.
- Arc Force: Increases penetration and prevents electrode sticking.
- Multi-Process Capable: Welds DC stick, DC Lift TIG, and DC TIG HF.
- Lightweight Portability: Under 9 kg, easy to carry with handle or strap.
- Two Stick Modes: E6010 and E7018 modes for versatile welding.
- PFC: Resists power fluctuations, works with long extension cables up to 100m.

Product	Item Number	Input Voltage (V)	Rated Output Current/Duty Cycle [230VAC - TIG]*	Output Range [230VAC]*		Fuse Size (A)	Cooling (Air/Water)	Dimensions H x W x D (mm)	Net weight (kg)	Protection / Insulation Class
				TIG	Stick					
Sprinter® 180T	K14439-1	120/230V	180A@45%	10-180A DC	20-160A	16	Average OCV-65v Peak OCV-95V VRD OCV (Peak)-14V	162 x 305 x 438	9.0	IP23S/H
Sprinter® 200T	K14440-1	1Ph ±15% 50/60Hz	200A@25%	10-200A	20-180A					

* for 120Vac, please, see separated Operator Manual

ADVANCED FUNCTIONS



Select Hz rate for Pulsed TIG when welding thin materials or achieving a cleaner weld appearance.



High Frequency Start for precise arc strikes for TIG welding.



Lift TIG Mode for lift start TIG welding.



Stick Mode for CrispArc on cellulosic electrodes such as E6010/E6011/E6013.



Stick Mode for Soft Arc on electrodes such as E7018.



Voltage Reduce Device Indicator.

RECOMMENDED OPTIONS

TIG TORCHES

PROTIG 30 NG S
5 m – W000278398-2



WTT2 17 EB C5B
4 m – W000278882



SUITCASE
K14449-1



CABLE KIT

KIT 35C50 - 300A - 50mm²
4m – W000011139



REMOTE CONTROL
K10095-1-15M



EXTENSION CABLE

for remote control box, 15 m
K10398





TIG WELDERS

INVERTEC® 175TP

Excellent arc control and perfect arc start in any conditions.

INPUT



OUTPUT

APPLICATIONS

- BOILER MAKING
- INDUSTRIAL PLANTS, PIPELINE
- METAL AND GANTRY CONSTRUCTION
- MAINTENANCE AND REPAIR

Unit Includes

- Input cable with schuko plug
- Gas connection kit



TIG



TIG PULSE



TIG HF



STICK

- MILD STEEL
- STAINLESS STEEL
- CHROMOLY STEEL
- COPPER
- NICKEL ALLOYS

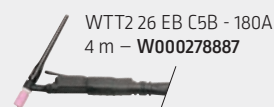


- Robust, varnished PCBs.
- Usable with up to 70m primary cable
- Excellent TIG HF and TIG Lift welding.
- Hot start and anti-sticking features.
- Portable and lightweight (10.2 kg).
- Reduced noise with intelligent cooling fan.
- Energy-saving with low current consumption.
- Simple control panel for easy setup and full control.

Product	Item Number	Input Voltage (V)	Output Range (A)	Rated Output (A)	Fuse Size (A) (slow)	Cooling (Air/Water)	Dimensions H x W x D (mm)	Weight (kg)	Protection / Insulation Class
Invertec® 175TP	K14169-1	230V/1Ph ±20% 50/60Hz	5-175	175A@25% 130A@100%	16	Air	330 x 210 x 480	10.2	IP23 / H

RECOMMENDED OPTIONS

TIG TORCHES



PROTIG 20 NG S
5 m - W000278396-2

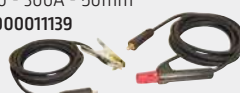


CABLES

Ground cable
200A - 35 mm² - 5 m
GRD-200A-35-5M



KIT 35C50 - 300A - 50mm²
4m - W000011139



CONTROLS

Remote control
- hand 15 m
K14147-1



Extension Cord
15 m
K14148-1



Foot Amptrol™
K870





INVERTEC® 220TPX

Advanced inverter technology, excellent HF arc ignition, stable and fast arc.



INPUT



OUTPUT



APPLICATIONS

- LIGHT INDUSTRY
- MOTOR SPORTS
- MAINTENANCE AND REPAIR
- PROCESS AND FOOD INDUSTRY
- INTERVENTION SERVICE
- CHEMICAL INDUSTRY

Unit Includes

- Input cable (2 m)
- Gas connection kit



TIG



LIFT TIG



STICK

- MILD STEEL
- STAINLESS STEEL
- CHROMOLY STEEL
- COPPER
- NICKEL ALLOYS



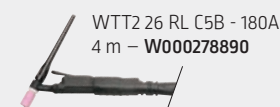
**LIGHTWEIGHT
PORTABLE
12 KG**

- Excellent arc performance: perfect HF ignition, stable, focused, and fast arc.
- Energy efficient: PFC circuit, high efficiency, green mode.
- Simple control panel for easy setup and full control.
- Reduced noise with intelligent cooling fan.
- Portable and lightweight (12 kg).
- Robust design: potted PCBs, True HD design.
- Up/down function.
- PFC: Resists power fluctuations, works with long extension cables up to 100m.
- Optional remote control.

Product	Item Number	Input Voltage (V)	Output Range (A)	Rated Output (A)	Fuse Size (A) (slow)	Dimensions H x W x D (mm)	Weight (kg)	Protection / Insulation Class
Invertec® 220TPX	K12057-1	115/230V/1Ph ±15% 50/60Hz	2-220	220A/18.8V/25% 150A/16V/100%	16	328 x 212 x 465	12	IP23 / H

RECOMMENDED OPTIONS

TIG TORCHES



PROTIG 20 NG S
5 m - W000278396-2

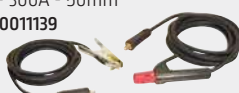


CABLES

Ground cable
200A - 35 mm² - 5 m
GRD-200A-35-5M



KIT 35C50 - 300A - 50mm²
4 m - W000011139



CONTROLS

Remote control
- hand 15 m
K14147-1



Extension Cord
15 m
K14148-1



Foot Amptrol™
K870





TIG WELDERS

INVERTEC® 275TP, 300TP & 400TP

Modular systems with superior mobility for demanding welding applications across various industries

INPUT



OUTPUT



APPLICATIONS

- GENERAL FABRICATION
- HEAVY FABRICATION
- STRUCTURAL
- TRANSPORTATION
- CHEMICAL PROCESSING
- MAINTENANCE AND REPAIR
- SHIPBUILDING
- OFFSHORE
- PIPELINE

Unit Includes

- Input cable 3 or 4 m (no plug)
- Gas hose 2 m
- Ground cable with clamp 3 m
- Metallic clips to fix the hose
- USB key with user manual
- Quick Start papers
- Front UI protection cover (300TP & 400TP)



GOUGING
300TP/400TP

- MILD STEEL
- STAINLESS STEEL
- CHROMOLY STEEL
- COPPER
- NICKEL ALLOYS



UP TO
30%
FASTER
WELDING
SPEED

- Modular design.
- Reduced noise with intelligent cooling fan.
- Customer Support on User Interface, USB Connectivity.
- Voltage Reduce Device (VRD).
- Cellulosic 6010 stick capability.
- Industrial grade: IP23, 3 Years Warranty, no limitation.
- Gouging capability (300TP & 400TP).

Product	Item Number	Input Voltage (V)	Output Range (A)	Rated Output (A)		Fuse Size (A) (slow)	Cooling (Air/Water)	Dimensions H x W x D (mm)	Weight (kg)	Protection Class
				TIG	Stick					
Invertec® 275TP	K14243-1	400/ 3Ph ± 15% 50/60Hz	5-270	270A@40% 200A@100%	250A@35% 180A@100%	16	Air / Water	360 x 230 x 498	16.0	IP23
Invertec® 300TP	K14387-1		5-270	270A@40% 200A@100%	250A@35% 180A@100%					
Invertec® 400TP	K14390-1		5-400	400A@40% 300A@100%	400A@40% 300A@100%	25		500 x 294 x 624	31.5	

RECOMMENDED OPTIONS

TIG TORCHES

WTT2 26 RL C5B - 180A
4 m – W000278890



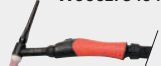
PROTIG NGS 30 EB
W000278398-2



WTT2 18W RL C5B - 320A
4 m – W000278898



PROTIG NGS 35W EB
W000278404-2



WATER COOLERS

Cool Arc® 27
K14334-1
(for 275TP/300TP)



Cool Arc® 60
K14297-1
(for 400TP)



Cooling liquid
for torches Freezcool
W000010167



CARTS

CART 24
(required K14384-1)
K14191-1



Four-wheeled
undercarriage
K14298-1



CONTROLS

Remote Control
K10095-1-15M



Foot Amptrol™
K870



Extension Cord
15 m
K14148-1





MODULAR DESIGN, FLEXIBLE CONFIGURATION



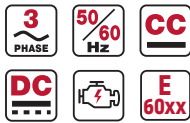
Invertec®
275TP



Invertec®
300TP



Invertec®
400TP



COOL ARC® 27



CART 24





TIG WELDERS

ASPECT® 200

Leading TIG AC/DC Technology: User-friendly interface and innovative torch remote control.

INPUT



OUTPUT

APPLICATIONS

- INDUSTRIAL PLANTS
- MAINTENANCE AND REPAIR
- PIPE CONSTRUCTION
- PROCESS AND FOOD INDUSTRY
- AEROSPACE INDUSTRY
- CHEMICAL INDUSTRY
- ALUMINIUM SOLUTIONS

Unit Includes

- Input cable (3 m)
- Gas connection kit



- ALUMINIUM
- MAGNESIUM
- MILD STEEL
- STAINLESS STEEL
- COPPER
- NICKEL ALLOYS



BEST ALUMINIUM WELDING PERFORMANCE

- Superb Arc Performance: Excellent HF ignition, stable arc, 2A minimum current.
- Advanced TIG Functions: Four wave shapes, Pulse, adjustable Balance/Offset, AC auto setting.
- Bright Digital Display: Easy setup, 9 memory slots, new TIG torch control.
- Energy Efficient: 1-phase buck-boost circuit.
- Robust Design: Potted PCBs, True HD design for harsh conditions.
- Aluminium Welding: Best performance.
- Up/Down Function.
- Cellulosic Capability.

Product	Item Number	Input Voltage (V)	Output Range (A)	Rated Output (A)	Fuse Size (A) (slow)	Dimensions H x W x D (mm)	Weight (kg)	Protection Class
Aspect® 200	K14189-1	115/230V/1Ph ±15% 50/60Hz	2-200	200A@35% 130A@100%	16	419 x 246 x 506	23	IP23

RECOMMENDED OPTIONS

TIG TORCHES



ACCESSORIES



CART 24 (required K14384-1) K14191-1



Kit 35C50 – 5 m W000011139



Ground cable 200A / 35 mm² / 5 m GRD-200A-35-5M



Remote control – hand 15 m K14147-1



Foot Amptrol™ K870



Extension for hand remote control – 15 m K14148-1





ASPECT® 300

Advanced inverter technology for superior TIG performance

INPUT



OUTPUT

APPLICATIONS

- HEAVY INDUSTRIAL APPLICATIONS
- MAINTENANCE AND REPAIR
- PIPE CONSTRUCTION
- PROCESS AND FOOD INDUSTRY
- AEROSPACE INDUSTRY
- CHEMICAL INDUSTRY
- NUCLEAR INDUSTRY
- ALUMINIUM SOLUTIONS

Unit Includes

- Input cable (3 m)
- Gas connection kit



TIG



LIFT TIG



TIG PULSE



TIG HF



STICK

ALUMINIUM

MAGNESIUM

MILD STEEL

STAINLESS STEEL

COPPER

NICKEL ALLOYS



- Advanced Waveform Technology: Optimal aluminium welding.
- Superb Welding Characteristics: TIG DC, TIG AC, and Stick.
- Adjustable Cleaning/Penetration: Perfect aluminium welding.
- Variable AC Frequency: Control travel speed/penetration.
- User-Friendly Control Panel: Graph, numeric display.
- Energy Efficient: 3-phase buck-boost circuit.
- Robust Design: Potted PCBs, True HD for harsh conditions.
- Cellulosic Capability.

Product	Item Number	Input Voltage (V)	Output Range (A)	Rated Output (A)	Fuse Size (A) (slow)	Dimensions H x W x D (mm)	Weight (kg)	Protection / Insulation Class
Aspect® 300	K12058-1	230/400V/3Ph ±15% 50/60Hz	2-300	300A/22V/35% 200A/18V/100%	32/20	455 x 301 x 632	43	IP23 / H

RECOMMENDED OPTIONS

TIG TORCHES

PROTIG 30 NG S
5 m – W000278398-2



PROTIG 35W NG S
5 m – W000278404-2



ACCESSORIES

Water cooler
Cool Arc® 46
K14105-1



Cooling liquid for torches
Freezcool
W000010167



Kit 35C50 – 5 m
W000011139



CART 24
(required K14384-1)
K14191-1



Ground cable
300A / 50 mm² / 5 m
GRD-300A-50-5M



Electrode holder
300A / 50 mm² / 5 m
E/H-300A-50-5M



Remote control – hand 15 m
K14147-1



Foot Amptrol™
K870



Extension for hand remote control – 15 m
K14148-1





TIG WELDERS

SQUARE WAVE 400 ADV

A Great TIG Machine for Aluminium

NEW

INPUT



OUTPUT



APPLICATIONS

- GENERAL & HEAVY FABRICATION
- STRUCTURAL
- TRANSPORTATION
- CHEMICAL PROCESSING
- MAINTENANCE AND REPAIR
- SHIPBUILDING & OFFSHORE
- PIPELINE
- AEROSPACE

Unit Includes

- Input cable 4 m (no plug)
- Gas hose 1.5 m
- Ground cable with clamp 5 m
- Metallic clips to fix the hose
- USB key with user manual
- Quick Start papers
- Front UI protection cover



- ALUMINIUM
- MAGNESIUM
- MILD STEEL
- STAINLESS STEEL
- COPPER
- NICKEL ALLOYS



- Advanced Features, Easy to Use, 7" TFT LCD colour display.
- Simple setup with pulse mode for faster TIG welding improvement.
- Reduced noise with intelligent cooling fan.
- Customer Support on User Interface, USB Connectivity.
- Voltage Reduce Device (VRD).
- Great for Aluminium.
- High frequency start, adjustable arc configurations, built-in cleaning settings.
- Weighs only 41 kg.



Product	Item Number	Input Voltage (V)	Output Range (A)	Rated Output (A)		Fuse Size (A) (slow)	Cooling (Air/Water)	Dimensions H x W x D (mm)	Weight (kg)	Protection Class
				TIG	MMA					
Square Wave® 400 ADV	K14412-1	400V/3Ph ±15% 50/60Hz	2-200	400A@60% 300a@100%	400A@40% 250A@100%	25	Air / Water	509 x 294 x 624	41	IP23

RECOMMENDED OPTIONS

TIG TORCHES

PROTIG 40 NG S
5 m – W000278400-2



PROTIG 40W NG S
5 m – W000278406-2



ACCESSORIES

Water cooler
Cool Arc® 60
K14297-1



Cooling liquid for torches
Freezcool
W000010167



Four-wheeled
undercarriage
K14298-1



CART 24
(required K14384-1)
K14191-1



Ground cable
400A / 70 mm² / 5 m
GRD-400A-70-5M



Remote Control
K10095-1-15M



Foot Amptrol™
K870



Extension Cord
15 m
K14148-1



PRIME CHOICE FOR INDUSTRIAL ALUMINIUM WELDING





TIG WELDERS

ACCESSORIES



Product	Item Number	Sprinter® 180T	Sprinter® 200T	Inverter® 175TP	Inverter® 220TPX	Inverter® 275TP	Inverter® 300TP	Inverter® 400TP	Aspect® 200	Aspect® 300	Square Wave 400 ADV
Freezcool – cooling liquid for torches [9.6 l]	W000010167				•	•	•	•	•	•	•
Cool Arc® 24	K14190-1							•			
Cool Arc® 27	K14334-1				•	•					
Cool Arc® 46	K14105-1								•		
Cool Arc® 60	K14297-1						•			•	
Kit 35C50	W000011139	•	•	•	•	•		•	•	•	
Kit 50C50	W000260681				•				•		
Kit 50C50+	W000260682										
Electrode holder – 300A – 50 mm ² – 5 m	E/H-300A-50-5M				•				•		
Ground cable 200A – 35 mm ² – 5 m	GRD-200A-35-5M		•	•				•			
Ground cable 300A – 50 mm ² – 5 m	GRD-300A-50-5M				•	•			•		
Ground cable 300A – 50 mm ² – 10 m	GRD-300A-50-10M				•	•			•		
Ground cable 400A – 70 mm ² – 5 m	GRD-400A-70-5M						•			•	
Ground cable 400A – 70 mm ² – 10 m	GRD-400A-70-10M						•				
Foot Amptrol™	K870		•	•	•	•	•	•	•	•	•
Remote control – hand 15 m	K14147-1			•	•			•	•		
Extension for hand remote control – 15 m	K14148-1	•	•	•	•		•	•	•	•	
Two-wheeled undercarriage	W0200002			•	•						
Cart TPX	K14129-1								•		
Cart 24	K14191-1				•	•	•	•		•	
Cart 4-Wheels	K14298-1						•			•	
Universal Trolley	W000375730		•	•							
Front cover 275	K14383-1				•						
Cart 24 metal interface	K14384-1				•						
Remote control	K10095-1-15M	•	•		•	•	•			•	
Machine carry case	K14449-1	•	•								
Cart's interface for power source	K14384-1					•					



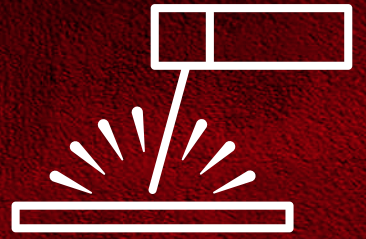
PREMIUM TIG TORCHES

Product																	
			5m		8m												
			<i>Sprinter® 180T</i> <i>Sprinter® 200T</i> <i>Invertec® 175TP</i> <i>Invertec® 220TPX</i> <i>Invertec® 275TP</i> <i>Invertec® 300TP</i> <i>Invertec® 400TP</i> <i>Aspect® 200</i> <i>Aspect® 300</i> <i>Square Wave 400 ADV</i>														
PREMIUM PROTIG TORCHES (AIR COOLED)																	
PROTIG IIIS 10 RL	W000382715-2	W000382716-2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PROTIG IIIS 30 RL	W000382719-2	W000382720-2				•	•	•	•	•	•	•	•	•	•	•	
PROTIG NGS 10 EB	W000278394-2	W000278395-2	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
PROTIG NGS 30 EB	W000278398-2	W000278399-2				•	•	•	•	•	•	•	•	•	•	•	
PREMIUM PROTIG TORCHES (WATER COOLED)																	
PROTIG IIIS 10W RL	W000382723-2	W000382724-2													•		
PROTIG IIIS 35W RL	W000382725-2	W000382726-2							•	•	•				•	•	
PROTIG NGS 10W EB	W000278402-2	W000278403-2													•		
PROTIG NGS 35W EB	W000278404-2	W000278405-2							•	•	•				•	•	
PROTIG NGS 40W EB	W000278406-2	W000278407-2							•	•	•				•	•	

STANDARD TIG TORCHES

Product																
			4m		8m											
			<i>Sprinter® 180T</i> <i>Sprinter® 200T</i> <i>Invertec® 175TP</i> <i>Invertec® 220TPX</i> <i>Invertec® 275TP</i> <i>Invertec® 300TP</i> <i>Invertec® 400TP</i> <i>Aspect® 200</i> <i>Aspect® 300</i> <i>Square Wave 400 ADV</i>													
STANDARD WTT2 TIG TORCHES (AIR COOLED)																
WTT2 9 RL S	--	W000278923	•	•	•	•										
WTT2 9 EB S	W000278877	W000278929	•	•	•	•										
WTT2 9 EB C5B	W000278875	--	•	•	•	•										
WTT2 17 RL S	W000278883	W000278918	•	•	•	•	•									
WTT2 17 RL C5B	W000278884	W000278917	•	•	•	•	•									
WTT2 17 EB S	W000278881	--	•	•	•	•	•									
WTT2 17 EB C5B	W000278882	W000278919	•	•	•	•	•									
WTT2 17 EB S/C5B FLEX	W000382782	--	•	•	•	•	•									
WTT2 26 RL C5B	W000278890	W000278913												•	•	•
WTT2 26 EB S	W000278886	--														
WTT2 26 EB C5B	W000278887	W000278915														
WTT2 26 EB S/C5B FLEX	W000382784	W000382785														
STANDARD WTT2 TIG TORCHES (WATER COOLED)																
WTT2 20 W RL C5S	--	W000278905														
WTT2 20 W EB C5S	W000278892	W000278909														
WTT2 20 W EB C5S FLEX	W000382786	W000382787														
WTT2 18 W RL C5S	W000278898	W000278899													•	•
WTT2 18 W EB C5S	W000278896	W000278901														
WTT2 18 W EB C5S FLEX	W000382788	W000382789														





STICK WELDERS



STICK WELDERS

PRODUCT	ITEM NUMBER	INPUT		OUTPUT		PROCESS					FEATURES		
		Phase (50-60 Hz)	Mode	Polarity	Current Range (A)	Stick	Lift TIG	TIG Scratch	Cellulosic capability	Gouging	Display	PFC	Warranty (years)
INVERTER													
Sprinter 160S	K14436-1	1	CC	DC	20-160	•	•		•		•	•	3
Sprinter 180S	K14437-1	1	CC	DC	20-180	•	•		•		•	•	3
Sprinter 160S PACK	K14436-1-P	1	CC	DC	20-160	•	•		•		•	•	3
Sprinter 180S PACK	K14437-1-P	1	CC	DC	20-180	•	•		•		•	•	3
Invertec® 275S	K14242-1	3	CC	DC	5-270	•	•	•	•		TFT		3
Linc i 400S	K14438-1	3	CC	DC	5-400	•	•	•	•	•	TFT		3





SPRINTER 160S & 180S

STICK welders and so much more.

INPUT



OUTPUT



APPLICATIONS

- LIGHT FABRICATION
- REPAIR AND MAINTENANCE
- LIGHT STRUCTURAL
- ON-SITE INTERVENTION
- PIPELINE REPAIR
- FARM
- SHIPBUILDING

Unit Includes

- Power source
- Shoulder strap



MILD & LOW ALLOY STEEL HIGH STRENGTH STEEL STAINLESS STEEL

CAST IRON NICKEL ALLOYS COPPER ALUMINIUM

- Dual Input Voltage: 120V and 230V for different power supply.
- Available in Ready to Use Pack: Includes durable suitcase, telescopic arm, power source, welding cables, gloves, and electrodes.
- Hot Start: Boosts initial welding current for quick arc ignition.
- Arc Force: Increases penetration and prevents electrode sticking.
- Multi-Process Capable: Welds DC stick and DC Lift TIG.
- Lightweight Portability: Under 9 kg, easy to carry with handle or strap.
- Two Stick Modes: E6010 and E7018 modes for versatile welding.
- PFC: Resists power fluctuations, works with long extension cables up to 100m.

Product Name	Item Number	Input Voltage	Rated Output Current/Duty Cycle [230VAC - Stick]*	Output Range [230VAC]*		Fuse Size [A]	Open Circuit Voltage [OCV]	Dimensions HxWxD [mm]	Weight [kg]	Protection / Insulation Class
				TIG	Stick					
Sprinter 160S	K14436-1	120/230V ±15% 1Ph 50Hz	160A@45%	10-180A DC	20-160A	16	Average OCV-65V Peak OCV-95V VRD OCV [Peak]-14V	162 x 305 x 438	8.4	IP23S/H
Sprinter 180S	K14437-1		180A@35%	10-200A DC	20-180A					

* for 120Vac, please, see separate Operator Manual



STICK WELDERS

SPRINTER 160S & 180S

ONE PACK

complete set
1 Item Number



INPUT



OUTPUT

Product Name	Item Number	Pack includes
SPRINTER 160S PACK	K14436-1-P	Power source (K14436-1), Shoulder strap, Suitcase with telescopic arm (K14449-1), 14 electrodes OMNIA® 46 (2.5mm), Welding gloves, 3m cable with electrode holder (25mm ²), 3m cable ground clamp (25mm ²)
SPRINTER 180S PACK	K14437-1-P	Power source (K14437-1), Shoulder strap, Suitcase with telescopic arm (K14449-1), 14 electrodes OMNIA® 46 (2.5mm), Welding gloves, 3m cable with electrode holder (25mm ²), 3m cable ground clamp (25mm ²)

RECOMMENDED OPTIONS

TIG TORCHES

WTT2 17/17 4M
W10529-17-4V



MMA CABLE KITS

KIT ARC 35C50 - 300A - 35mm²
4m – W000011139



ACCESSORIES

Wear Part Box
WTT2 17 / 26 / 18W
W000371536



Remote control
K10095-1-15M



Suitcase with
telescopic arm
K14449-1





INVERTEC® 275S

Excellent welding coupled with high performance, as well as increased productivity

INPUT



OUTPUT



APPLICATIONS

- GENERAL FABRICATION
- HEAVY FABRICATION
- STRUCTURAL
- TRANSPORTATION
- CHEMICAL PROCESSING
- MAINTENANCE AND REPAIR
- SHIPBUILDING

Unit Includes

- Input cable 3 m (no plug)
- USB key with user manual
- Quick Start papers



MILD & LOW ALLOY STEEL

HIGH STRENGTH STEEL

STAINLESS STEEL

CAST IRON

NICKEL ALLOYS

COPPER

ALUMINIUM



**SUPERIOR
ERGONOMICS
& USB
CONNECTIVITY**

- Portable and lightweight (14.3 kg).
- ECO friendly: Idle power 19W and efficiency > 85%.
- SMAW manual and Synergic – Pulse.
- MMA pulse 0,5-15 Hz for less deformation with thinner materials and reduced spatters.
- Reduced noise with intelligent cooling fan.
- Customer Support on User Interface, USB Connectivity.
- Voltage Reduce Device (VRD).
- Cellulosic 6010 stick capability.
- Industrial grade: IP23, 3 Years Warranty, no limitation.

Product	Item Number	Input Voltage	Rated Output	Output Range (A)	Fuse Size (A) (slow)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
Invertec® 275S	K14242-1	400V ±15% 3Ph 50-60 Hz	270A@25% 250A@35% 230A@60% 180A@100%	5-270	16	14.3	360 x 230 x 498	IP23

RECOMMENDED OPTIONS

TIG TORCHES

WTT2 26V - 180A
4 m – W000278885



CABLE KIT

KIT 35C50 - 250A - 35mm²
5m – KIT-250A-35-5M

KIT ARC 35C50 - 300A - 35mm²
4m – W000011139



ACCESSORIES

Remote Control
K10095-1-15M



Foot Amptrol™
K870



CART 24
K14191-1



Cart's interface for
power source
K14384-1



Front cover
K14383-1





STICK WELDERS

LINC® i400S

Built to last, engineered to excel.

NEW



INPUT



OUTPUT



APPLICATIONS

- GENERAL FABRICATION
- HEAVY FABRICATION
- STRUCTURAL
- TRANSPORTATION
- CHEMICAL PROCESSING
- MAINTENANCE AND REPAIR
- SHIPBUILDING
- OFFSHORE
- PIPELINE

Unit Includes

- Input cable 4 m (no plug)
- Ground cable with clamp 3 m
- USB key with user manual
- Quick Start papers



MILD & LOW ALLOY STEEL

HIGH STRENGTH STEEL

STAINLESS STEEL

CAST IRON

NICKEL ALLOYS

COPPER

ALUMINIUM



GOUGING CAPABILITY

- Modular system with superior mobility for demanding welding applications across various industries.
- ECO friendly: Idle power 21.3W and efficiency > 89.3%.
- Portable Design: Industrial-grade yet lightweight.
- High Output: Up to 800A with paralleling system for two Linc i400S power sources.
- Simplified Operation: MMA Manual & Synergic Pulse with predefined programs and advanced stick settings.
- Easy Transport: Kit for cart with two welding machines for single-user transport.
- Industrial grade: IP23, 3 Years Warranty, no limitation.

Product	Item Number	Input Voltage	Welding current range (A)	Rated Output (A)		Fuse Size (A)	Open Circuit Voltage (V)	Weight (kg)	Dimensions H x W x D (mm)	Protection Class
				TIG	Stick					
LINC® i400S	K14438-1	400V ± 15% 3Ph	5-400	400A@40% 360A@60% 300A@100%	400A@40% 360A@60% 300A@100%	25	85 (11 VRD)	30	500 x 294 x 624	IP23

RECOMMENDED OPTIONS

WELDING CABLES

Kit 50C50+ (5 m)
W000260682



Ground Cable
GRD-400A-70-5M
GRD-400A-70-10M
GRD-400A-70-15M



Electrode Holder
E/H-400A-70-5M



CONTROLS

Remote Control
K10095-1-15M



Remote Control
Dual Channel 15m
K14443-1-15M



Foot Amptrol™
K870



GUNS AND GOUGING TORCHES

WTT2 26V 4M
W000278885



FLAIR® 600
W000010136



FLAIR® 1600
W000010118



ACCESSORIES

Parallel
Connection Box
K14445-1



CARTS

CART 24
K14191-1



CART
4-Wheels
K14298-1



Cart KIT
for parallel
equipment
K14446-1



MODULAR DESIGN FLEXIBLE CONFIGURATION



PARALLEL CONNECTION OF
TWO LINC® i400S UNITS



A modular system ensures superior mobility, adapting to the most demanding welding applications across industries.

Kit for a cart with two welding machines, allowing a single user to transport both units easily.

**UP TO
800Amps**

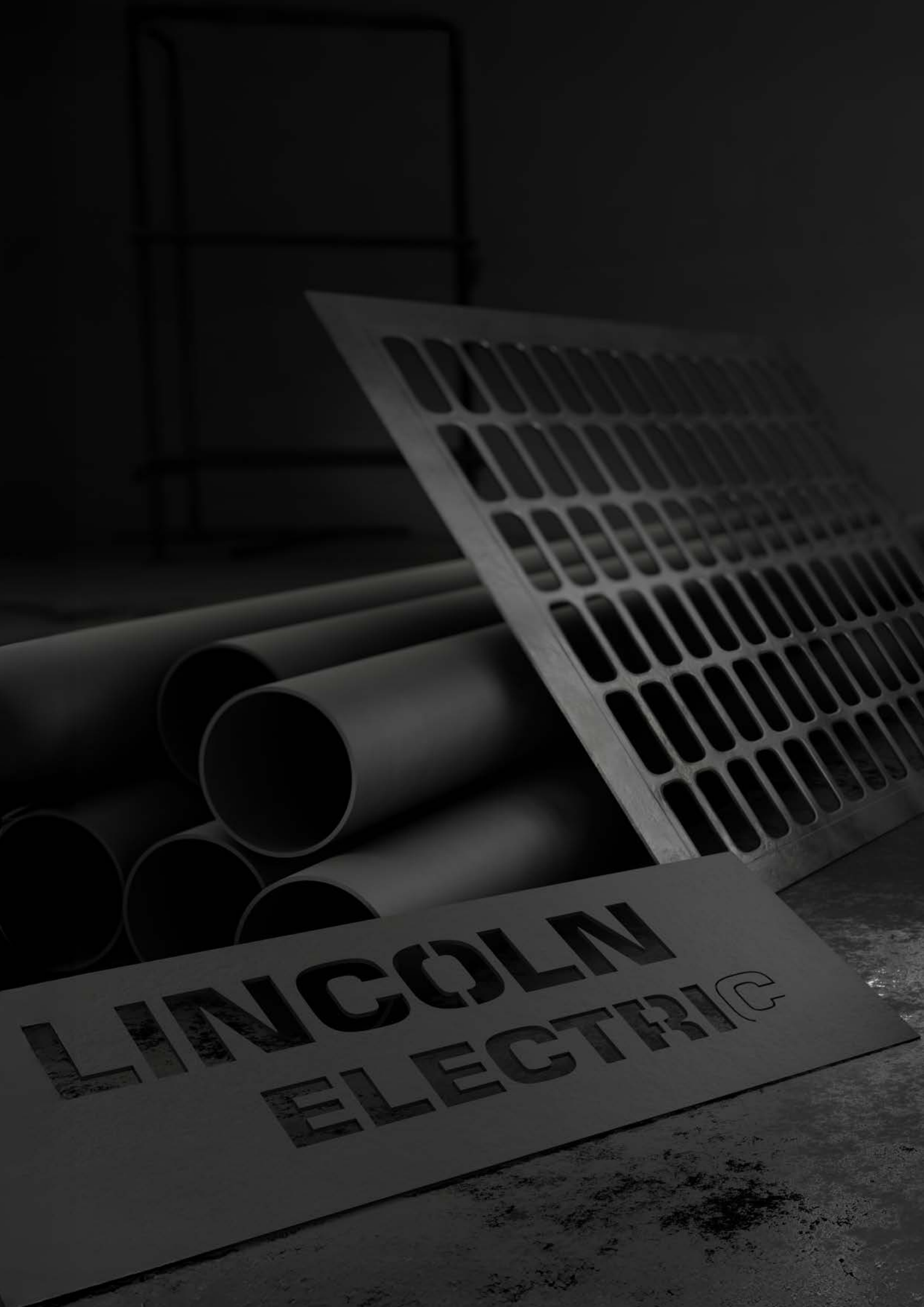
Up to 800Amps output using dedicated kit paralleling system and two power sources LINC® i400S.

S&P

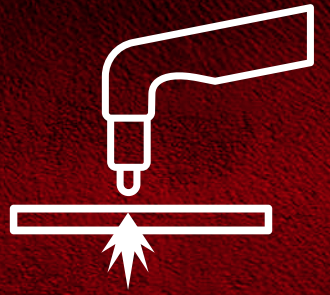
Predefined synergic programs and advanced stick settings simplify operation, ensuring efficiency and ease of use.

ACCESSORIES

Product	Item Number				
		Sprinter 160S	Sprinter 180S	Inverter® 275S	Linc i 400S
TIG welding torch WTT2 17V – 135A – 4 m, valve, conn. 13 mm	W10529-17-4V	•	•		
Flair® 600 gouging torch	W000010136				•
Electrode Holder 400A/70mm ² - 5m	E/H-400A-70-5M				•
FLAIR® 1600 Gouging Torch	W000010118				•
Electrode holder CAÏMAN 400	W000010568			•	
TIG welding torch WTT2 26V - 180A 4 m	W000278885			•	•
Kit 35C50 (SEGURA 300, HIPPO 400)	W000011139	•	•	•	
Kit 50C50+ (SEGURA 600, HIPPO 600)	W000260682			•	•
Kit 35C50	W000011139	•	•	•	
Kit 50C50+	W000260682			•	•
Remote control, 15 m	K10095-1-15M	•	•	•	•
Extension cable for remote control box, 15 m	K10398			•	
Two-wheeled undercarriage	W0200002			•	
Ground cable 300A – 50 mm ² – 5 m	GRD-300A-50-5M			•	
Cart 24	K14191-1			•	•
Front cover 275	K14383-1			•	
Cart 24 metal interface	K14384-1			•	
Machine Carry Case	K14449-1	•	•		
Wear Part Box (WTT2 17 / 26 / 18W)	W000371536	•	•	•	•
Cart 4 Wheels	K14298-1				•
Cart Kit For Parallel Equipment	K14446-1				•
Remote Control – Hand 15m	K14147-1				•
Foot Remote Control (Amptroltm)	K870			•	•
Extension Cord 15m	K14148-1				•
Parallel Connection Box	K14445-1				•
Remote Control Dual Channel 15m	K14443-1-15M				•
Panel Plug	W000370297				•
Ground Cable 400A/70mm ² ; 5m	GRD-400A-70-5M				•
Ground Cable 400A/70mm ² ; 10m	GRD-400A-70-10M				•
Ground Cable 400A/70mm ² ; 15m	GRD-400A-70-15M				•
Carbon Electrodes 5 x 305mm	W000010443				•
Carbon Electrodes 6.4 x 305mm	W000010444				•
Carbon Electrodes 8 x 305mm	W000010445				•
Carbon Electrodes 10 x 305mm	W000010446				•
Kit 35C50 - 250A - 35mm ² 5m	KIT-250A-35-5M			•	
Kit Arc 35C50 - 300A - 35mm ² 4m	W000011139			•	



LINCOLN
ELECTRIC®



PLASMA CUTTING



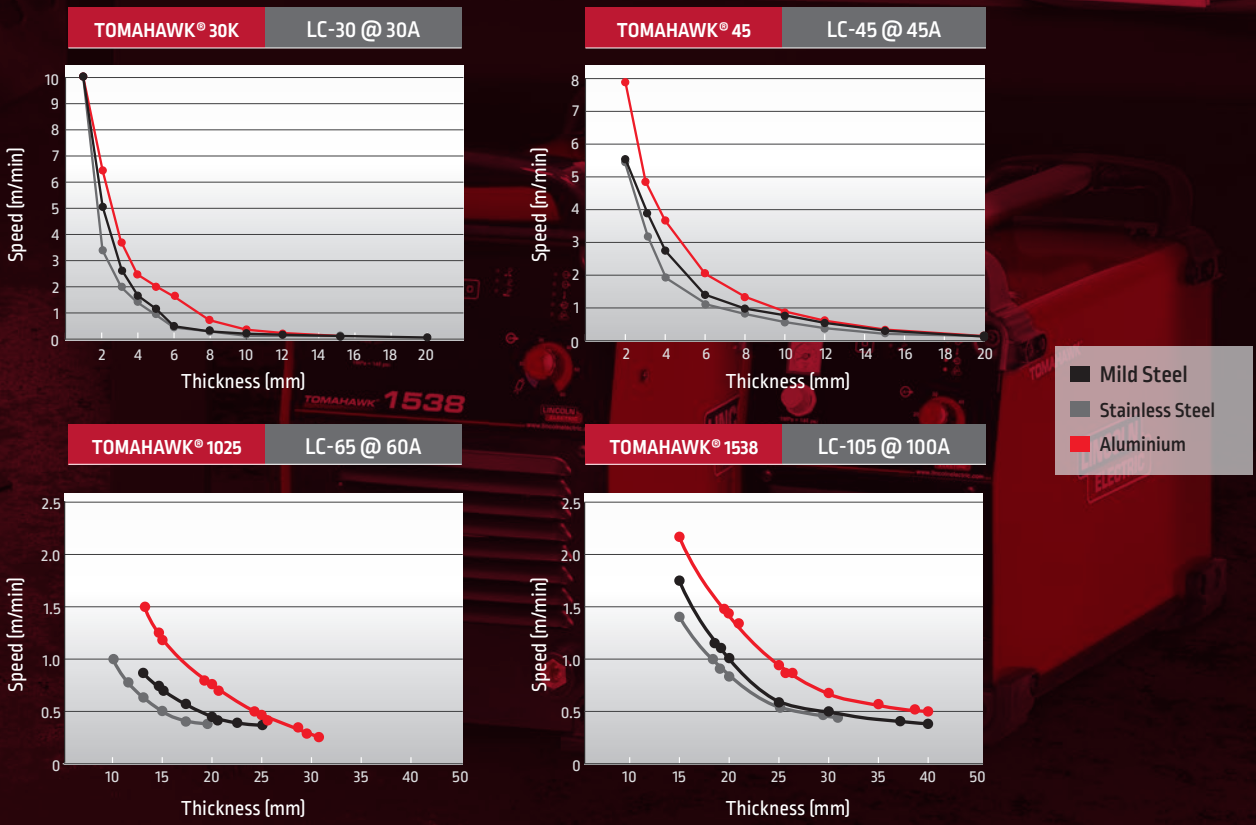
PLASMA CUTTING

PRODUCT	ITEM NUMBER	INPUT		OUTPUT		PROCESS			FEATURES			
		Phase (50-60 Hz)	Primary voltage (VAC)	Mode	Polarity	Current Range (A)	Cutting capacity (mm)	Plasma cutting	Plasma gouging	Grid mode	Compressor integrated	Piercing capability
1 PHASE												
Tomahawk® 30K	K12038-3	1	230	CC	DC	15-30	16	•		•	•	
Tomahawk® 45	K14391-1	1	120/230	CC	DC	15-45A (230VAC) 15-22A (120VAC)	20mm (230VAC)	•	•	•		•
3 PHASE												
Tomahawk® 1025	K12048-1	3	400	CC	DC	20-60	25	•	•	•		•
Tomahawk® 1538	K12039-1	3	400	CC	DC	20-100	40	•	•	•		•

CUTTING PERFORMANCE (MILD STEEL) WITH HAND TORCH

	TOMAHAWK® 30K	TOMAHAWK® 45	TOMAHAWK® 1025	TOMAHAWK® 1538
Recommended thickness	12 mm @ 0.20 m/min	16 mm @ 0.38 m/min	20 mm @ 0.50 m/min	35 mm @ 0.38 m/min
Maximum thickness	16 mm @ 0.12 m/min	20 mm @ 0.22 m/min	25 mm @ 0.30 m/min	40 mm @ 0.32 m/min
Severance	20 mm @ 0.10 m/min	25 mm @ 0.13 m/min	30 mm @ 0.18 m/min	45 mm @ 0.18 m/min

CUTTING SPEED VS. PLATE THICKNESS COMPARISON





TOMAHAWK® 30K

Ready When You Are. Cut in Seconds.

INPUT



OUTPUT



APPLICATIONS

- ON SITE MAINTENANCE
- SMALL CONSTRUCTION SITES
- AIR DUCTING INSTALLATION (HVAC)
- DEMOLITION WORK
- RENTAL

Unit Includes

- Internal air compressor (external air connection also standard)
- LC30 Torch with 4m cable
- Air regulator and pressure gauge
- Internal water separator
- Work clamp and cable
- Spare consumables
- Input power cord



INTERNAL COMPRESSOR OR EXTERNAL AIR

MILD STEEL

STAINLESS STEEL

ALUMINIUM



- **Portable & Self-Contained** – Built-in air compressor for use anywhere.
- **Precise Control** – Adjustable output for various material thicknesses.
- **Easy Starts** – Touch Start system ensures reliable arc initiation without high frequency.
- **Fast Cutting** – Rapid arc restrike handles gaps and expanded metal with ease.
- **User-Friendly** – Front panel purge for quick air flow setup.
- **Durable Design** – Cool operation extends consumable life.
- **Safe & Smart** – Parts-in-Place system ensures correct torch setup.
- **Remote Ready** – Compatible with Lincoln Outback® and Vantage® engine drives.

Product	Item Number	Input Voltage	Rated Output Current/Duty Cycle	Fuse (delayed) or Circuit Breaker	Pilot Current	Output Range (A)	Air Pressure Required (bar)	Air Flow Rate Required (l/min)	Dimensions H x W x D (mm)	Net Weight without torch (kg)
Tomahawk® 30K	K12038-3	230V/1Ph 50/60 Hz	30A@60% 25A@100%	16A	20A	15-30	5.0-6.0	125 ±10%	385 x 215 x 480	18.5

RECOMMENDED PRODUCTS



Plasma Circle Cutting Guide Kit works with all Lincoln LC-series plasma torches
W0300699A



Lincoln Electric LC30 Replacement Torch
W100000325



Plasma-Box LC30
W100000361



Undercarriage
W0200002



PLASMA CUTTING

TOMAHAWK® 45

Built for the Jobsite. Ready to Cut.

INPUT OUTPUT

1 PHASE 50/60 Hz CC DC

APPLICATIONS

- ON SITE MAINTENANCE
- SMALL CONSTRUCTION SITES
- AIR DUCTING INSTALLATION (HVAC)
- DEMOLITION WORK
- RENTAL

Unit Includes

- LC45 Torch with 6 m cable
- Air regulator and pressure gauge
- Internal water separator
- Work clamp and cable
- Input power cord



MILD STEEL STAINLESS STEEL ALUMINIUM



- **User-Friendly Display** – 2.8" TFT screen for intuitive control.
- **Precise Cutting** – Adjustable output, Touch Start, and Rapid Arc Restrike.
- **Smart Features** – Gouging & Grid modes with adjustable timing.
- **Easy Setup** – Front panel purge control for quick air flow adjustment.
- **Durable & Efficient** – Cool operation extends consumable life.
- **Safe Operation** – Parts-in-Place system ensures correct torch setup.
- **Portable Design** – Lightweight and easy to carry.
- **Remote Ready** – Compatible with Lincoln Outback® and Vantage® engine drives.

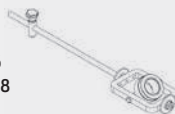
Product	Item Number	Input Voltage	Rated Output Voltage/Current/Duty Cycle	Fuse [delayed] or Circuit Breaker	Pilot Current	Output Range (A)	Air Pressure Required (bar)	Air Flow Rate Required (l/min)	Dimensions H x W x D (mm)	Net Weight without torch (kg)
Tomahawk® 45	K14391-1	120/230V 1Ph 50/60 Hz	230VAC: 45A@45%, 40A@60%, 30A@100% 120VAC: 22A@60%, 15A@100%	16A	20A	15-45 (230Vac) 15- 22 (120Vac)	5.0–6.0	200 ±10%	385 x 215 x 480	11.1

RECOMMENDED PRODUCTS

Lincoln Electric LC45 Replacement Torch
W100000327



Circle kit to suit LC45
W100000338



Undercarriage
W0200002



Plasma-Box LC45
W100000362



Beveling tool to suit LC45
W100000339





TOMAHAWK® 1025 & 1538

Built for the Toughest Cuts – Anywhere, Anytime.

INPUT



OUTPUT



APPLICATIONS

- ON-SITE MAINTENANCE
- SERVICE TASKS
- SMALL CONSTRUCTION SITES
- GENERAL INSTALLATIONS
- AIR DUCTING INSTALLATION (HVAC)
- DEMOLITION WORK
- RENTAL

Unit Includes

- 2 m input cable
- 7.5 m hand cutting torch
- Ground clamp and cable
- Air connection kit
- Cutting torch consumables kit



MILD STEEL

STAINLESS STEEL

ALUMINIUM



- **Advanced Start** – Reliable arc initiation without high frequency.
- **Optimized Design** – Innovative electrode and nozzle for better performance and longer consumable life.
- **High Speed & Capacity** – Faster travel and thicker plate cutting.
- **Versatile Torch Options** – Multiple configurations for flexibility.
- **Material Compatibility** – Cuts mild steel, stainless, aluminium, and more.
- **Precision Cutting** – Concentrated plasma stream reduces heat and distortion.
- **Smart Connectivity** – Central 9-pin torch connector.
- **Smooth Control** – Stepless current adjustment.
- **Optional Remote Kit** – Enables external ON/OFF trigger (TH1538 only).

Product	Item Number	Input Voltage	Rated Output	Cutting Capacity (mm)	Piercing Capacity (mm)	Output Range (A)	Inlet Pressure (bar)	Flow Rate (l/min)	Dimensions H x W x D (mm)	Weight (kg)
Tomahawk® 1025	K12048-1	400V/3Ph 50/60 Hz	60A/40% 40A/100%	25	max. 12	20-60	6.0	130 ±20% @5.5 bar	389 x 247 x 489	22
Tomahawk® 1538	K12039-1	400V/3Ph 50/60 Hz	100A/40% 60A/100%	40	max. 20	20-100	7.0	280 ±20% @5.5 bar	455 x 301 x 618	36

RECOMMENDED PRODUCTS

PLASMA TORCHES

LC65 (Hand)
7.5 m – PTH-061A-CX-7M5A



LC65 (Machine)
7.5 m – PTM-061A-CX-7M5A



LC105 (Hand)
7.5 m – PTH-101A-CX-7M5A



LC105 (Machine)
7.5 m – PTM-101A-CX-7M5A
15 m – PTM-101A-CX-15MA



Plasma circle cutting
guide kit (cutting circles
max diam. 820mm)
W0300699A



Bevel Tool
W03X0893-119A



Plasma-Box LC65
W03X0893-113A

Plasma-Box LC105
W03X0893-115A

Undercarriage
K2694-1



Air filter LAF1250
W88X1456A





PLASMA CUTTING

TORCHMATE® AIR PLASMA CUTTING TABLE

Complete cutting system with high quality single-source components.



APPLICATIONS

- METAL FABRICATION SHOPS
- SHEET METAL CONTRACTORS
- CUSTOM VEHICLE FABRICATORS
- PROTOTYPING
- LOCKSMITH
- EDUCATION & TRAINING
- HOBBYISTS & ARTISTS

- Air plasma piercing* 20mm (80A) or 25mm (125A)
- For mild steel and stainless steel (aluminum with down-draft table version)
- Sheet metal 1000 x 2000mm, 1500 x 3000mm
- Compact machine optimizing the floor space
- Ready quickly for operation after delivery and installation



Air Plasma Cutter 80 or 125A with 15m torch leads



WATER TABLE VERSION

The water table makes it possible to capture the dust released during cutting**. The reinforced structure provides a good rigidity and stability to the machine

WATER TABLE VERSION

TORCHMATE 1020W TOMAHAWK 1538
TORCHMATE 1530W TOMAHAWK 1538
TORCHMATE 1020W FLEXCUT125
TORCHMATE 1530W FLEXCUT125

Item Number

AS-CM-TMT1020WTH80
AS-CM-TMT1530WTH80
AS-CM-TMT1020WF125
AS-CM-TMT1530WF125



Separate Console with 20" multi-touch screen and VMDNC



DOWN-DRAFT TABLE VERSION

The fume extraction table has compartments and a mechanical cam activates the extraction sections according to the position of the beam. It is connected to a fume extraction filter.

DOWN-DRAFT TABLE VERSION

TORCHMATE 1020D TOMAHAWK 1538
TORCHMATE 1530D TOMAHAWK 1538
TORCHMATE 1020D FLEXCUT125
TORCHMATE 1530D FLEXCUT125

Item Number

AS-CM-TMT1020DTH80
AS-CM-TMT1530DTH80
AS-CM-TMT1020DF125
AS-CM-TMT1530DF125

OPTIONS:



Longitudinal Beveling Tool 45°



Pneumatic Plate Marker



AIR PLASMA CUTTER FOR TORCHMATE® CUTTING TABLES

Versatile and economical version with the Tomahawk® 1538 or more powerful the FlexCut®.

TOMAHAWK® 1538



FLEXCUT® 125



	TOMAHAWK® 1538	FLEXCUT® 125
Air Pressure	6.5 to 7 bars	6.2 to 8.3 bars
Air Flow Rate	180 l/mln at 6.5 bars	260 l/mln at 6.2 bars
Output Range	20-80A @ 65%	20-125A @ 100%
Plate Piercing Limit*	20mm	25mm
Sheet Metal Edge*	25mm	35mm
Manual torch	LC 105 Included	PT 130 In option
Plasma marking	X	✓

* Carbon steel performances.

ACCESSORIES

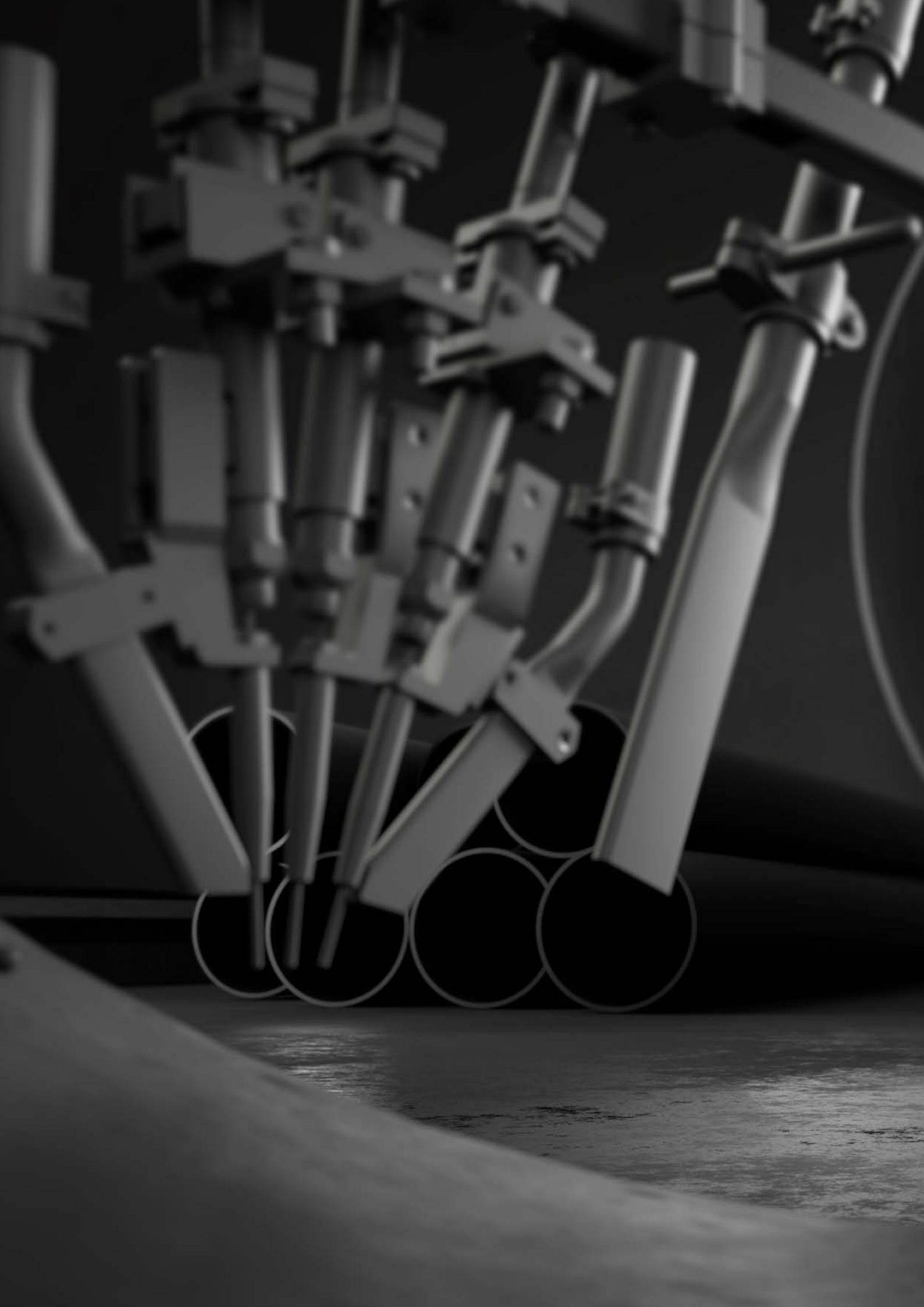


Product	Item Number	Tomahawk® 30K	Tomahawk® 45	Tomahawk® 1025	Tomahawk® 1538
Air Filter LAF1250	W88X1456A		•	•	
Filter Cartridge	W8800117R		•	•	
Cutting circle	W0300699A		•	•	
Undercarriage	W0200002	•	•		
Undercarriage	K2694-1		•	•	
Remote Control	K12049-1			•	
Remote Control Kit	W05X1086A			•	
Bevel Tool	W03X0893-119A			•	•
Circle kit to suit LC45	W100000338		•		
Bevel tool to suit LC45	W100000339		•		
Plasma-Box LC30	W100000361	•			
Plasma-Box LC45	W100000362		•		
Plasma-Box LC65	W03X0893-113A			•	
Plasma-Box LC105	W03X0893-115A				•
Plasma-Box LC105M	W03X0893-117A				•
Extension for K10095-1-15M (15 m)	K14147-1				•
Extension for K14147-1 (15 m)	K14148-1				•
Foot amptrol 6pin (76 m)	K870				•

PLASMA TORCHES



Product	Item Number	Tomahawk® 30K	Tomahawk® 45	Tomahawk® 1025	Tomahawk® 1538
LC 30 (Hand)	W100000325	•			
LC 45 (Hand)	W100000327		•		
LC65 (Hand)	PTH-061A-CX-7M5A			•	
LC65 (Hand)	PTH-061A-CX-15MA			•	
LC65M (Machine)	PTM-061A-CX-7M5A			•	
LC105 (Hand)	PTH-101A-CX-7M5A				•
LC105 (Hand)	PTH-101A-CX-15MA				•
LC105M (Machine)	PTM-101A-CX-7M5A				•
LC105M (Machine)	PTM-101A-CX-15MA				•





SUBMERGED ARC WELDING

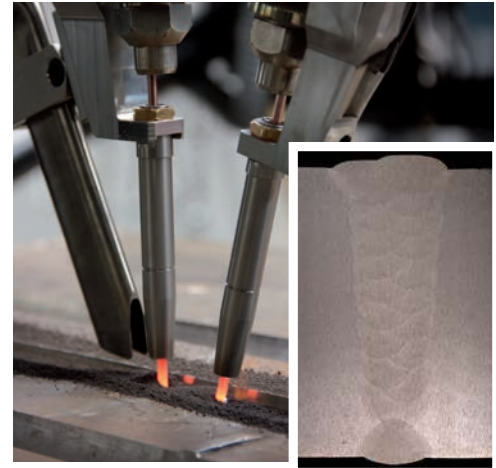




SUBMERGED ARC WELDING

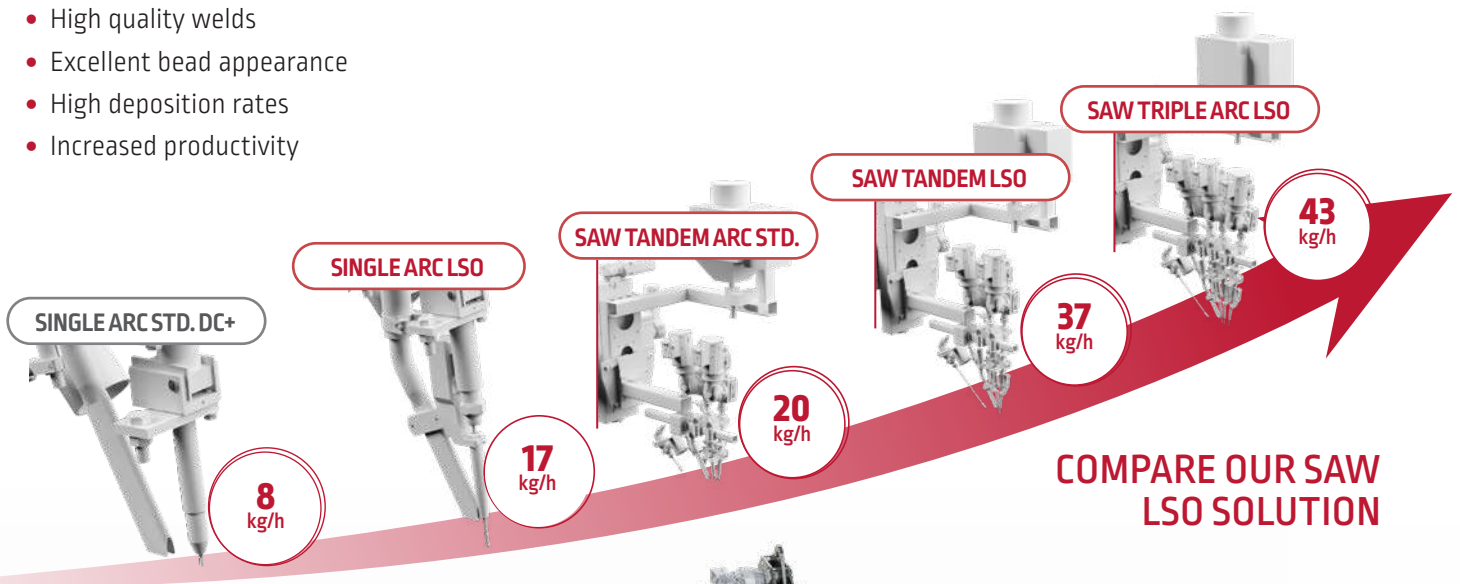
LONG STICK OUT PROCESS (LSO)

The long stick-out (LSO) is a highly efficient submerged arc welding process developed by Lincoln to maximize productivity. This technique leverages the natural resistivity of the welding wire. By significantly increasing the electrical stick-out, the wire is preheated, making it easier to melt. Consequently, for a given amperage, the deposition rate can be doubled compared to conventional stick-out procedures.



Solution Benefits:

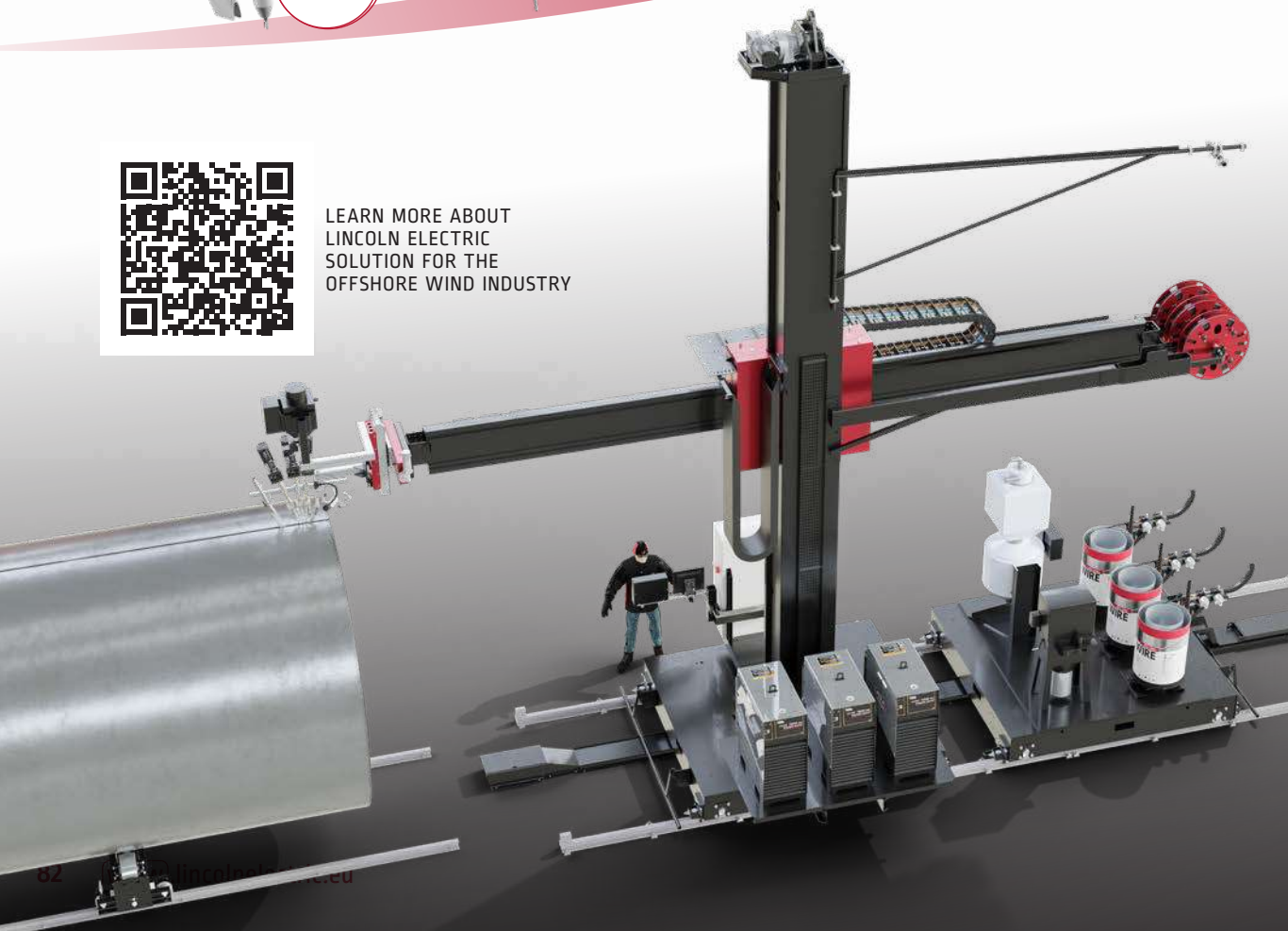
- High quality welds
- Excellent bead appearance
- High deposition rates
- Increased productivity



COMPARE OUR SAW LSO SOLUTION



LEARN MORE ABOUT LINCOLN ELECTRIC SOLUTION FOR THE OFFSHORE WIND INDUSTRY





POWER WAVE® AC/DC 1000® SD

Industry leader in SAW innovation and capabilities.



APPLICATIONS

- DC+ SUBMERGED ARC
- DC- SUBMERGED ARC
- BALANCED AC SUBMERGED ARC
- VARIABLE AC SUBMERGED ARC



EASY MAINTENANCE

- ArcLink®, Ethernet, and DeviceNet™ Communication – Offers remote process monitoring, control and troubleshooting.
- True Energy™ – Measures, calculates and displays instantaneous energy in the weld for critical heat input calculations.
- CheckPoint® – A cloud-based system to view or analyze your welding data. Track equipment usage, store weld data, configure fault limits and more.
- iARC™ Digital Control – 90 times faster than the previous generation, delivering a responsive arc.
- No Hardware Reconfiguration Required with Easy Polarity Switching – Eliminates downtime.
- Easy to Parallel Machines or Run Multiple Arcs.
- Severe Duty – Can be stored outdoors. IP23 Rated.

Product	Item Number	Input Voltage [V]	Rated Output	Fuse Size [A]	Output Range [A]	Weight [kg]	Dimensions H x W x D [mm]	Protection Class
Power Wave® AC/DC 1000® SD*	K2803-1	380/400/460/500/575 3Ph 50/60 Hz	1000A/44V/100%	82/79/69/62/55	100-1000	363	1250 x 488 x 1174	IP23

(* Filter K2444-3 is required to meet CE conducted emission requirements)

RECOMMENDED OPTIONS

MAXsa® 22 Feed Head
K2370-2



MAXsa® 29 Feed Head
K2312-2



Cruiser® Tractor
K3048-1



MAXsa® 10 Controller
K2814-4



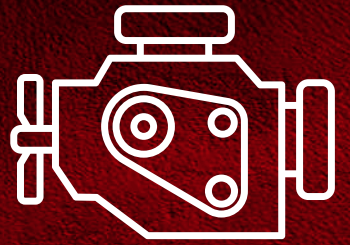
MAXsa® 19 Controller
K2626-4



Tandem Cruiser® Tractor
K3083-1







ENGINE DRIVEN WELDERS





VERSATILE. DEPENDABLE.
SAFETY ENHANCED 



VANTAGE® 410 CE

Multi-process capability for construction, pipeline and rental fleet applications.



STICK



TIG



MIG/MAG



FCAW



GOUGING

INPUT



OUTPUT



APPLICATIONS

- CHEMICAL PLANT
- CONSTRUCTION
- PIPELINE
- REPAIR
- RENTAL

Unit Includes

- Lincoln Electric Operating Manual. (User Instructions)



VERSATILE

- Available welding output up to 410 amps.
- Up to 11kW of continuous three phase or single phase power to operate industrial tools or an additional inverter welder.
- Select one of five process modes, including CC-Stick, Downhill Pipe, DC Touch Start TIG®, CV-Wire, or Arc Gouging.

DEPENDABLE

- Lab tested, field proven ruggedness and durability.
- Engineered for outdoor use and harsh environments (IP23 Rated).
- Stainless steel paneling, potted PC boards, and automotive-grade connectors for added protection and durability.
- Equipped with a smooth-running, industry-proven 22 hp Kubota® diesel.

SAFETY ENHANCED

- Meets the latest compliance standards for RoHS, CE, and Stage V emissions.
- VRD® (Voltage Reduction Device) reduces open circuit voltage in CC-stick welding mode for added safety.
- Front panel emergency stop, battery lockout, and residual current device (RCD) for extra protection.
- Low noise operations at 71 dB (97.0 Lwa sound power).

Product	Item number	Current Range (A)	Rated Output	Type of Engine	AC generator power	AC generator receptacles	Cylinders	Operation Speed (rpm)	Weight (kg)	Dimensions H x W x D (mm)
Vantage® 410 CE	K4178-1	30-410	350A/32V/100% 410A/23V/100%	Kubota V1505 Stage V	12.5 kW 1Ph	115V/30A 1Ph 230V/16A 1Ph 400V/16A 3Ph	4	Full load: 1800 Low idle: 1350	488	913 x 642 x 1524

ACCESSORIES:

GRD-400A-70-xM – Ground cable 400A – 70 mm² – 5 / 10 / 15 m E/H-400A-70-xM – Electrode holder, 400A – 70 mm² – 5 / 10 m
K704 – Accessory set 400A K10376 – Adapter M14 / Female Connector

RECOMMENDED OPTIONS



Four-wheeled Steerable Yard Trailer
K2641-2



Remote control (6-pin, 15 m)
K10095-1-15M
Remote control TIG HF (1pot) 6pin (15 m)
K14147-1



Extension cable for remote control box
K10095-1-15M, 15 m
K10398
Extension for hand remote control – 15 m
K14148-1

Portable Wire Feeder LN-25 PRO Dual
K2614-8



Two-wheeled Trailer
K2636-1



Remote output control
7.6 m – K857
30.5 m – K857-1



Foot Amptrol™
K870





EQUIPMENT OPTIONS





EQUIPMENT OPTIONS

COOLERS



Product	Item Number	Powertec® i380C ADV	Powertec® i450C ADV	Powertec® i350S	Powertec® i420S	Powertec® i500S	Speedtec® 400SP	Speedtec® 500SP	Inverter® 275TP	Inverter® 300TP	Inverter® 400TP	Aspect® 200	Aspect® 300	Square Wave 400 ADV	Power Wave® 300C ADV CE	Power Wave® S500 CE	Power Wave® R450	Power Wave® S700 CE	Pipefab™ CE
Cool Arc® 24	K14190-1																		
Cool Arc® 26	K14182-1	•	•	•	•	•													
Cool Arc® 27	K14334-1								•	•									
Cool-Arc® 40	K1813-1; K2187-1														•				
Cool Arc® 46	K14105-1																		
Cool Arc® 50	K14050-1														•	•	•		
Cool Arc® 60	K14297-1					•	•			•				•					
Cool Wave™ 20S	K4713-1														•	•	•	•	

Product	Item Number	Input Voltage	Plug	Flow sensor	Cooling Power @1l/min	Tank capacity (l)	Maximum pressure rate (MPa)	Work position	Weight (kg)	Dimensions H x W x D (mm)
Cool Arc® 24	K14190-1	390V DC*	Molex	•	0.87	2.3	0.43	Horizontal	18	276 x 246 x 540
Cool Arc® 26	K14182-1	230V/400V* 50/60Hz 1Ph		•	0.84	4.0	0.47	Vertical		680 x 260 x 150
Cool Arc® 27	K14334-1	565Vdc		•	0.85	2.2	0.7	Horizontal		160 x 230 x 498
Cool Arc® 40	K1813-1	115V 50/60Hz 1Ph	NEMA Type 5-15P	Option	1.7	7.57	0.41	Horizontal/ Vertical	21.1	863 x 229 x 229
	K2187-1	230V 50/60Hz 1Ph	16A Schuko plug							
Cool Arc® 46	K14105-1	230V/400V* 50/60Hz 1Ph	9pin socket	•	1.0	6.0	0.4	Horizontal	22.7	255 x 300 x 700
Cool Arc® 50	K14050-1		Molex	•	1.15	9.2			21	265 x 355 x 700
Cool Arc® 60	K14297-1		230V/400V/440V* 50/60Hz 1Ph	•	1.1	4.5			0.47	22
Cool Wave™ 20S	K4713-1	115V* 50/60Hz 1Ph	115V C14 Receptacle	•	2.0	9.0	0.41	Vertical	44	379 x 406 x 780

* supplied by the welding power source



UNDERCARRIAGES

Two-wheeled undercarriage W0200002	Universal trolley W000375730	Four-wheeled undercarriage K14129-1	Four-wheeled undercarriage K14085-1	Cart 24 K14191-1
Four-wheeled cart ST/TPX K14114-1	Inverter and wire feeder cart K3059-4	Four-wheeled cart Speedtec K14298-1	Cart HD K14350-1	Medium Two-Wheel Welder Trailer K2636-1
Four wheeled steerable yard trailer K2641-2	Four-wheeled undercarriage K2694-1	Protective cage; Protective cage wheels K14444-1; K14431-1	Cart with support for 300mm spool K14447-1	Four Wheeled undercarriage K2694-1

Product	Item Number	Yardtec® 300C STD	Speedtec® 200C	Speedtec® 400SP	Speedtec® 500SP	Flextec® 350XP	Power Wave® 5500 CE	LF-5D	LF52D/LF56D	PF56D	Inverter® 275S	Line® i400S	Inverter® 175TP	Inverter® 220TPX	Inverter® 275TP	Inverter® 300TP	Aspect® 400TP	Aspect® 200	Aspect® 300	Square Wave 400 ADV	Tomahawk® 30K/45	Tomahawk® 1025 & 1538	Vantage® 410 CE	
Two-wheeled undercarriage	W0200002																							
Universal trolley	W000375730																							
Four-wheeled undercarriage	K14129-1																							
Four-wheeled Cart ST/TPX	K14114-1	•									•													
Tool box for Cart ST/TPX	K14115-1	•									•													
Cart 24	K14191-1									•	•			•	•	•				•				
Four-wheeled undercarriage	K14298-1		•	•							•													
Four-wheeled undercarriage	K14096-1										•													
Four-wheeled undercarriage (dual feeders + dual gas cylinders)	K14346-1		•	•																				
Cart for Inverter and Wire Feeder	K3059-4				•	•																		
Four-wheeled undercarriage	K14085-1					•																		
Cart HD for feeders	K14350-1							•	•															
Medium Two-Wheel Welder Trailer	K2636-1																							•
Four Wheeled Steerable Yard Trailer	K2641-2																							•
Four Wheeled undercarriage	K2694-1																					•		
Protective cage	K14444-1	•																						
Protective cage wheels kit	K14431-1	•						•																
Protective cage	K14430-1	•						•																
Cart with support for 300mm spool	K14447-1	•																						



EQUIPMENT OPTIONS

REMOTE CONTROLS

Product	Item Number	Powertec® 1250C/1320C/1380C/1450C Adv	Yardtec® 300C STD	Speedtec® 400/500SP	Flextec 350XP	Power Wave® 300C CE	LF-5D Standard (GFR)	Power Feed® 56D	Power Feed® 84 Ready Pak Singles&Dual	Power Feed® 25M	Sprinter® 180T/200T	Inverter® 175TP	Inverter® 220TPX	Inverter® 275TP	Aspect® 300TP/400TP	Square Wave 200/300	Tomahawk® 1538	Inverter® 275S	Sprinter 160S/180S	Linic i 400S	Vantage® 410 CE	
Remote control 1pot 6pin (15 m)	K10095-1-15M	•(1)(2)		•	•(1)	•	•(1)	•(1)	•													
Extension cable for K10095-15M, 15m	K10398	•		•	•		•	•	•													
Remote control TIG HF (1pot) 6pin (15 m)	K14147-1	•(1)(2)	•	•	•(1)	•	•(1)	•(1)	•		•	•			•							•
Extension for K14147-1 (15 m)	K14148-1	•	•	•	•		•	•	•		•	•			•	•						•
Remote control 2-switches 12pin (7 m)	K14091-1	•(2)			•	•	•	•														
Remote control 6pin (7.6 m)	K857	•(1)(2)		•	•(1)		•(1)	•(1)	•(1)													
Remote control 6pin (30.4 m)	K857-1	•(1)(2)		•	•(1)		•(1)	•(1)	•(1)													
Remote control 12pin (7.6 m)	K857-2	•(2)		•	•		•	•	•													
Remote control 12pin (30.4 m)	K857-3	•(2)		•	•		•	•	•													
Foot amptrol 6pin (7.6 m)	K870		•	•(1)							•	•	•	•	•	•	•				•	•
Foot amptrol 12pin (7.6 m)	K870-2			•																		
Hand amptrol 6pin (7.6 m)	K963-3			•(1)																		
Remote Control RC-7 Advanced	K14203-1	•(2)	•(3)				•															
Remote control dual channel 15 m	K14443-1-15M																					•

(1) K2909-1 adapter required
 (2) K14290-1 kit required
 (3) K14348-1 kit required



K10095-1-15M	Remote control (1pot) 6pin (15 m)
K10398	Extension for K10095-1-15M (15 m)
K14147-1	Remote control TIG HF (1pot) 6pin (15 m)
K14148-1	Extension for K14147-1 (15 m)
K870	Foot amptrol 6pin (7.6 m)
K870-2	Foot amptrol 12pin (7.6 m)
K14443-1-15M	Remote control dual channel 15 m



K857	Remote control 6pin (7.6 m)
K857-1	Remote control 6pin (30.4 m)
K857-2	Remote control 12pin (7.6 m)
K857-3	Remote control 12pin (30.4 m)
K963-3	Hand amptrol 6pin (7.6 m) Provides 7.6 m of remote current control for TIG welding. Compatible with power sources with 6-pin remote connection.
K14203-1	Remote Control RC-7 Advanced



CABLES

Product	Item Number	Powertec® i350S / i420S / i500S	Speedtec® 400SP / 500SP	Flextec® 350XP CE	Power Wave® S500	Power Wave® S700	LF-5D Standard (GFR)	Line Feed 52D/56D/ PF56D	Power Feed® 84 Ready Pak Single	Power Feed® 84 Ready Pak Dual	Power Feed® 25M	Activ8X/ Activ8X® Pipe™	LN-25X	Pipefab™ CE
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AIR COOLED CONNECTION CABLE (TM-TM WELDING CABLE, GAS HOSE & CONTROL CABLE)

Intermediate cable 3 m (95 mm ² , 5Pin-5Pin)	K10349-PG-3M				•				•	•	•			
Intermediate cable 5 m (95 mm ² , 5Pin-5Pin)	K10349-PG-5M				•				•	•	•			
Intermediate cable 10 m (95 mm ² , 5Pin-5Pin)	K10349-PG-10M				•				•	•	•			



WATER COOLED CONNECTION CABLE (TM-TM WELDING CABLE, WATER HOSES, GAS HOSE & CONTROL CABLE)

Intermediate cable 3 m (95 mm ² , 5Pin-5Pin)	K10349-PGW-3M				•				•	•	•			
Intermediate cable 5 m (95 mm ² , 5Pin-5Pin)	K10349-PGW-5M				•				•	•	•			
Intermediate cable 10 m (95 mm ² , 5Pin-5Pin)	K10349-PGW-10M				•				•	•	•			
Intermediate cable 15 m (95 mm ² , 5Pin-5Pin)	K10349-PGW-15M				•				•	•	•			
Intermediate cable 20 m (95 mm ² , 5Pin-5Pin)	K10349-PGW-20M				•				•	•	•			



AIR COOLED CONNECTION CABLE (TM-TM WELDING CABLE, GAS HOSE & CONTROL CABLE)

Intermediate cable 1 m (70 mm ² , 5Pin-5Pin)	K14198-PG	•	•						•	•				
Intermediate cable 3 m (70 mm ² , 5Pin-5Pin)	K14198-PG-3M	•	•						•	•				
Intermediate cable 5 m (70 mm ² , 5Pin-5Pin)	K14198-PG-5M	•	•						•	•				
Intermediate cable 10 m (70 mm ² , 5Pin-5Pin)	K14198-PG-10M	•	•						•	•				
Intermediate cable 15 m (95 mm ² , 5Pin-5Pin)	K14198-PG-15M	•	•						•	•				
Intermediate cable 20 m (95 mm ² , 5Pin-5Pin)	K14198-PG-20M	•	•						•	•				
Intermediate cable 25 m (95 mm ² , 5Pin-5Pin)	K14198-PG-25M	•	•						•	•				
Intermediate cable 30 m (95 mm ² , 5Pin-5Pin)	K14198-PG-30M	•	•						•	•				



WATER COOLED CONNECTION CABLE (TM-TM WELDING CABLE, WATER HOSES, GAS HOSE & CONTROL CABLE)

Intermediate cable 1 m (95 mm ² , 5Pin-5Pin)	K14199-PGW	•	•						•	•				
Intermediate cable 3 m (95 mm ² , 5Pin-5Pin)	K14199-PGW-3M	•	•						•	•				
Intermediate cable 5 m (95 mm ² , 5Pin-5Pin)	K14199-PGW-5M	•	•						•	•				
Intermediate cable 10 m (95 mm ² , 5Pin-5Pin)	K14199-PGW-10M	•	•						•	•				
Intermediate cable 15 m (95 mm ² , 5Pin-5Pin)	K14199-PGW-15M	•	•						•	•				
Intermediate cable 20 m (95 mm ² , 5Pin-5Pin)	K14199-PGW-20M	•	•						•	•				
Intermediate cable 25 m (95 mm ² , 5Pin-5Pin)	K14199-PGW-25M	•	•						•	•				





DRIVE ROLLS

Product	Item Number	Quickmig® 250/300	Powertec® i250C/i320C/i380C/i450C	Speedtec® 200C/215C	Yardtec® 300C STD	Power Wave® 300C	LF-5D Standard (GFR)	LF-52D/56D	Power Feed® 56D	Power Feed® 84 Ready Pak Single6Dual	Power Feed® 25M	LN-25X	Activ8X/ Activ8X® Pipe™
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DRIVE ROLLS

Solid wires														
Solid drive roll 0.6/0.8	KP69025-0608	•												
Solid drive roll 0.8/0.9	KP69025-0809	•												
Solid drive roll 0.8/1.0	KP69025-0810	•												
Solid drive roll 1.0/1.2	KP69025-1012	•												
Solid drive roll 1.2/1.6	KP69025-1216	•												
Cored wires														
Flux cored drive roll 0.6/0.8	KP69025-0608R	•												
Flux cored drive roll 0.8/0.9	KP69025-0809R	•												
Flux cored drive roll 1.0/1.2	KP69025-1012R	•												
Flux cored drive roll 0.8/1.0	KP69025-0810R	•												
Flux cored drive roll 1.2/1.6	KP69025-1216R	•												
Aluminium wires														
Aluminium drive roll 0.6/0.8	KP69025-0608A	•												
Aluminium drive roll 0.8/0.9	KP69025-0809A	•												
Aluminium drive roll 1.0/1.2	KP69025-1012A	•												
Aluminium drive roll 0.8/1.0	KP69025-0810A	•												
Aluminium drive roll 1.2/1.6	KP69025-1216A	•												



DRIVE ROLL KIT (4R/TWIN) – KIT CONTAINS 4 ROLLS Ø 37 MM AND WIRE GUIDES

Solid wires														
Roll kit 0.6/0.8VT F137 4 pcs Green/Blue	KP14150-V06/08	•						•	•					
Roll kit 0.8/1.0VT F137 4 pcs Blue/Red	KP14150-V08/10	•						•	•					
Roll kit 0.9/1.1VT F137 4 pcs	KP14150-V09/11	•						•	•					
Roll kit 1.0/1.2VT F137 4 pcs Red/Orange	KP14150-V10/12	•						•	•					
Roll kit 1.2/1.6VT F137 4 pcs Orange/Yellow	KP14150-V12/16	•						•	•					
Roll kit 1.4/2.0VT F137 4 pcs	KP14150-V14/20	•						•	•					
Roll kit 1.6/2.4VT F137 4 pcs Yellow/Grey	KP14150-V16/24	•						•	•					
Cored wires														
Roll kit 0.9/1.1RT F137 4 pcs	KP14150-V09/11R	•						•	•					
Roll kit 1.0/1.2RT F137 4 pcs -/Orange	KP14150-V10/12R	•						•	•					
Roll kit 1.2/1.6RT F137 4 pcs Orange/Yellow	KP14150-V12/16R	•						•	•					
Roll kit 1.4/2.0RT F137 4 pcs	KP14150-V14/20R	•						•	•					
Roll kit 1.6/2.4RT F137 4 pcs Yellow/Grey	KP14150-V16/24R	•						•	•					
Aluminium wires														
Roll kit 0.6/0.8AT F137 4 pcs Green/Blue	KP14150-U06/08A	•						•	•					
Roll kit 0.8/1.0AT F137 4 pcs Blue/Red	KP14150-U08/10A	•						•	•					
Roll kit 1.0/1.2AT F137 4 pcs Red/Orange	KP14150-U10/12A	•						•	•					
Roll kit 1.2/1.6AT F137 4 pcs Orange/Yellow	KP14150-U12/16A	•						•	•					
Roll kit 1.6/2.4AT F137 4 pcs Yellow/Grey	KP14150-U16/24A	•						•	•					





DRIVE ROLLS

Product	Item Number	Quicknig® 250/300	Powertec® i250C/i320C/i380C/i450C	Speedtec® 200C/215C	Yardtec® 300C STD	Power Wave® 300C	LF-5D Standard (GFR)	LF-52D/56D	Power Feed® 56D	Power Feed® 84 Ready Pak Single6Dual	LN-25X	Activ8X/ Activ8X® Pipe™
Aluminium wires												
Drive roll kit 1.0 mm	KP1507-040A									•		
Drive roll kit 1.2 mm	KP1507-3/64A									•		
Drive roll kit 1.6 mm	KP1507-1/16A									•		
Drive roll kit 2.4 mm	KP1507-3/32A									•		



DRIVE ROLL KIT [2R/INLET WIRE GUIDE 0.6-1.6 MM BLUE/EURO OUTLET SOLID WIRE GUIDE 97 MM]

Solid wires												
Drive roll kit 0.6-0.8 mm	KP14420-V06/08				•		•					
Drive roll kit 0.8-1.0 mm	KP14420-V08/10				•		•					
Drive roll kit 0.9-1.1 mm	KP14420-V09/11				•		•					
Drive roll kit 1.0-1.2 mm	KP14420-V10/12				•		•					
Drive roll kit 1.2-1.6 mm	KP14420-V12/16				•		•					
Cored and Solid wires												
Drive roll kit 0.9-1.1 mm	KP14420-V09/11R				•		•					
Drive roll kit 1.0-1.2 mm	KP14420-V10/12R				•		•					
Aluminium wires												
Drive roll kit 0.6-0.8 mm	KP14420-U06/08A				•		•					
Drive roll kit 0.8-1.0 mm	KP14420-U08/10A				•		•					
Drive roll kit 1.0-1.2 mm	KP14420-U10/12A				•		•					
Drive roll kit 1.2-1.6 mm	KP14420-U12/16A				•		•					



HYPERFILL® DRIVE ROLL KIT

Drive Roll Kit 0.9 -1.0 mm	KP4388-1									•		
Drive Roll Kit 1.2 mm	KP4388-2									•		



(1) K10377 (M) adapter required





WELDING GUNS AND TORCHES



PERFORMANCE
DEFINED

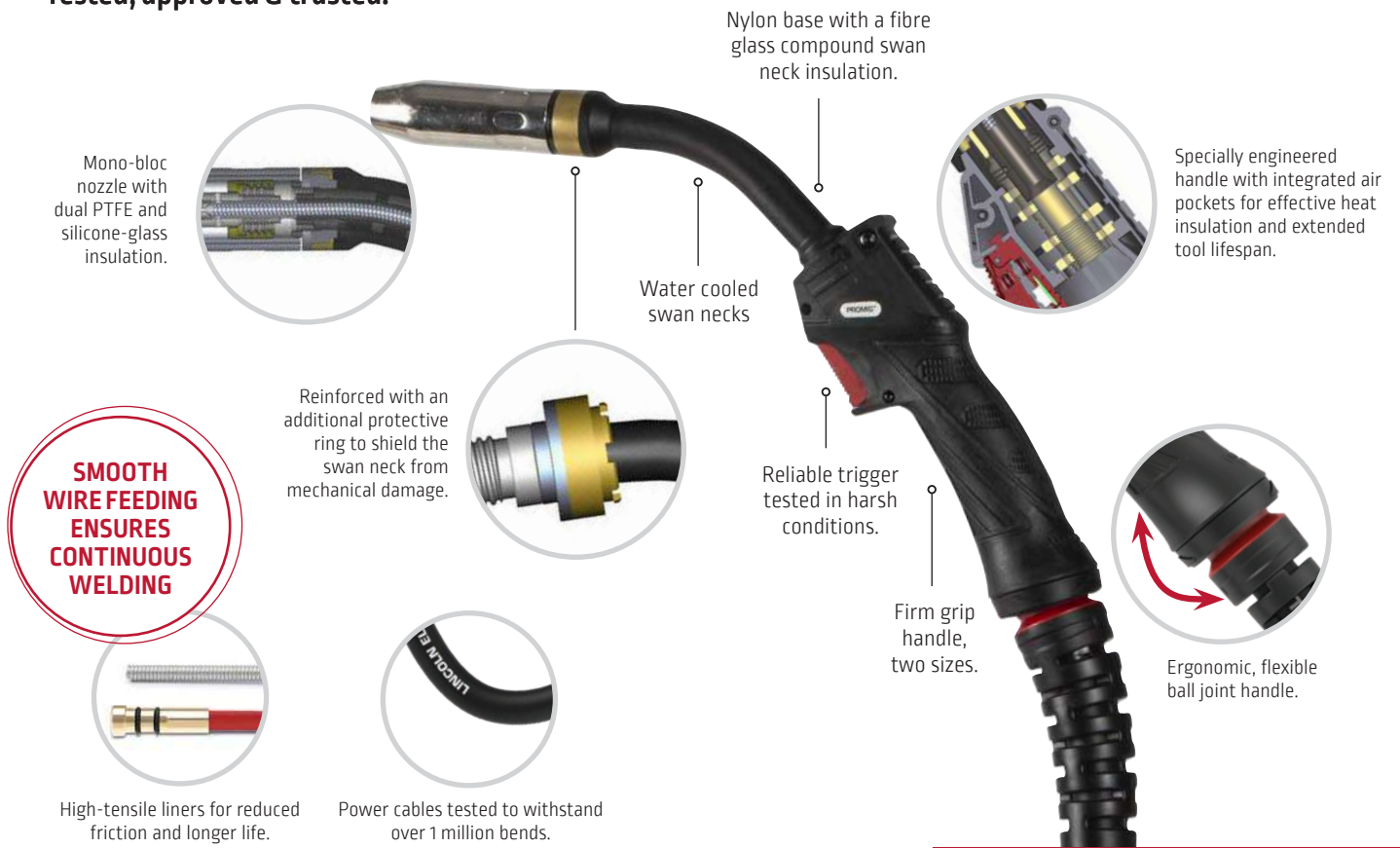
LINGGUN[®] PROMIG[™]





LINGUN® PROMIG™

Premium MIG welding guns. Doubled warranty.
Tested, approved & trusted.



- Engineered to resist mechanical damage and withstand high temperatures.
- Proprietary wear parts deliver up to 70% longer lifespan per contact tip, reducing replacement frequency.
- High-quality, dedicated liners ensure smooth and consistent wire feed.
- Simplified operation and wear part management streamline maintenance and reduce interruptions.
- Features a rotatable swan neck for improved accessibility and comfort during welding.
- Equipped with a screwed nozzle for added stability and reliability.
- Supports a wide range of applications and welding needs.
- Backed by a warranty twice the industry standard, offering peace of mind and long-term value.
- Delivered fully equipped with a long-life contact tip and liner for immediate use.
- Wear parts are compatible with the previous PROMIG range, simplifying inventory and transition.
- Fully compliant with EN 60974-7 safety and performance standards.
- Also available : LINGUN® PROMIG™ UD, supplied with a 2-button module (Up/Down) already installed and a Cross-Switch module

Welding gun selection by rated current capacity

Serie	Model	Duty cycle	160A	180A	200A	230A	250A	270A	330A	350A	420A	500A
LINGUN® PROMIG™	230T	60%	[Red bar]									
	270		[Red bar]									
	300		[Red bar]									
	400		[Red bar]									
	330W	100%	[Blue bar]									
	400W		[Blue bar]									
	500W		[Blue bar]									

Rating calculated using CO₂

■ air cooled
■ water cooled



LGS3 GUNS

Simple and reliable – this range is adaptable to the most common applications.

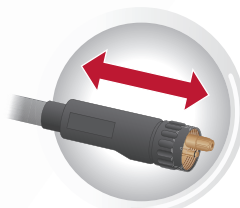
Compliant with
EN 60974-7



Wear parts compatible with the most common standard in Europe.



Extra-flexible cable.



Extra-length rear cable support ensures smooth and consistent wire feeding.



Ergonomic ball joint handle.

Welding gun selection by rated current capacity

Serie	Model	Duty cycle	160A	180A	200A	230A	250A	270A	330A	350A	420A	500A	
LGS3	150G	60%	■										
	250G		■										
	240G		■										
	360G		■										
	505W	100%	■										

Rating calculated using CO₂

■ air cooled
■ water cooled



MIG/MAG GUNS

LINGUN® PROMIG™



AIR-COOLED MODELS

Model		LG PROMIG 230T	LG PROMIG 270	LG PROMIG 300	LG PROMIG 300 UD	LG PROMIG 400
Duty cycle	CO ₂	230 A @ 60%	270 A @ 60%	300 A @ 60%		400 A @ 60%
	M21	200 A @ 60%	240 A @ 60%	270 A @ 60%		370 A @ 60%
Wire diameter options		0.8-1.2 mm	0.8-1.2 mm	1.0-1.6 mm steel, 1.2 mm ALU		1.0-1.6 mm
Original equipment	Contact tip	0.8 mm steel	1.0 mm steel	1.2 mm steel		1.2 mm steel
	Nozzle	Ø 12 mm	Ø 14 mm	Ø 16 mm		Ø 16 mm
Handle size, other feature		Small Rotatable swan neck for comfortable welding in hard-to-reach places	Small	Large		Large
Typical application		Thin plates, automotive industry, out of position welding	Thin plates, light fabrication, locksmithing	Vessel, manufacture, steel structures, boiler making, structural steelwork		Thick plates, heavy duty welding when water cooling is not possible
Item Number						
3 m		W000275408-2	W000345060-2	W000345066-2	-	W000345072-2
4 m		W000275419-2	W000345061-2	W000345067-2	W100000297	W000345073-2
5 m		W000275420-2	W000345062-2	W000345068-2	-	W000345074-2



WATER-COOLED MODELS

Model		LG PROMIG 330W	LG PROMIG 400W	LG PROMIG 500W	LG PROMIG 500 W UD
Duty cycle	CO ₂	330 A @ 100%	400 A @ 100%	500 A @ 100%	
	M21	300 A @ 100%	370 A @ 100%	450 A @ 100%	
Wire diameter options		0.8-1.2 mm	1.0-1.6 mm steel, 1.2 mm ALU	1.0-1.6 mm	
Original equipment	Contact tip	1.0 mm steel	1.2 mm steel	1.2 mm steel	
	Nozzle	Ø 14 mm	Ø 16 mm	Ø 16 mm	
Handle size		Small	Small	Large	
Typical application		Precision and high-intensity applications	Intensive applications such as: boiler making, structural steelwork, mechanical welding	Thick plates, heavy duty welding	
Item Number					
3 m		W000345063-2	W000345069-2	W000345075-2	-
4 m		W000345064-2	W000345070-2	W000345076-2	W100000298
5 m		W000345065-2	W000345071-2	W000345077-2	-

MIG/MAG GUNS

LGS3



AIR COOLED



WATER COOLED

Model		LGS3-150G	LGS3-250G	LGS3-240G	LGS3-360G	LGS3-505W
Duty cycle (CO ₂ shielding gas)		180A @ 60%	230A @ 60%	250A @ 60%	330A @ 60%	500A @ 100%
Applications		Thin plates, automotive industry	Thin plates, light fabrication		Vessel manufacture, steel structures	Heavy duty, high production
Wire diameter		0.6-1.0 mm	0.8-1.2 mm	0.6-1.2 mm	0.8-1.6 mm	0.8-1.6 mm
Original equipment	Contact tip	0.8 mm	1.0 mm	1.0 mm	1.2 mm	1.2 mm
	Conical nozzle	12 mm	15 mm	12.5 mm	16 mm	16 mm
Item Number						
3 m		W10430-15-3M	W10430-25-3M	W10430-24-3M	W10430-36-3M	W10430-505-3M
4 m		W10430-15-4M	W10430-25-4M	W10430-24-4M	W10430-36-4M	W10430-505-4M
5 m		-	W10430-25-5M	W10430-24-5M	W10430-36-5M	W10430-505-5M



TIG TORCHES

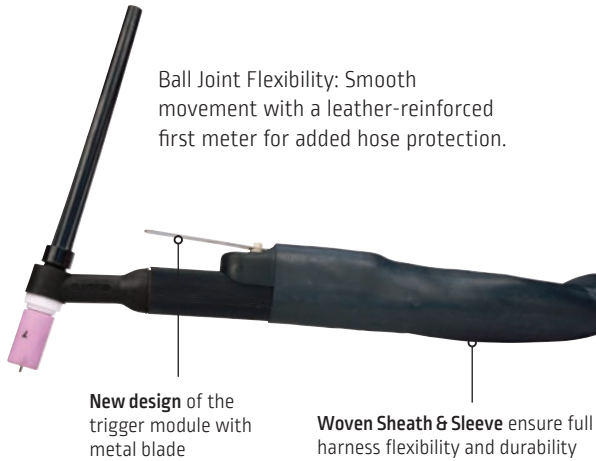
PROTIG NG S & III S

Premium TIG torches for maintenance, light and heavy fabrication, construction, automotive industries. All torches are supplied ready to use.

- Two Handle Styles: Choose between EB and RL ergonomic designs.
- Durable Wear Parts: High-resistance, proprietary components for extended service life.
- Robust Construction: Built for durability with improved resistance to mechanical stress.
- Flexible, Spatter-Resistant Cable: Highly maneuverable and resistant to spatter burn-in.
- Cable Length Options: Available in 5 m and 8 m versions.
- Adjustable Blade Trigger: Trigger can be rotated around the handle (PROTIG III S only).
- Metal Trigger: Durable metal blade trigger for enhanced reliability (PROTIG III S only).
- Neoprene Sleeve: Offers excellent flexibility and handling.
- Standardized Connection: Supplied with C5B torch connection and banana plug included.

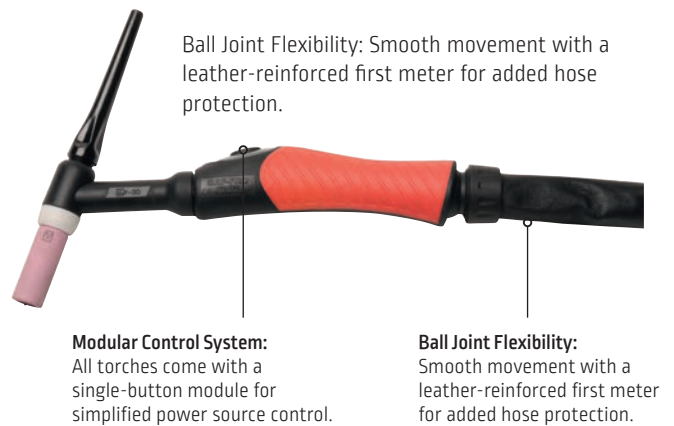
PROTIG III S

The round handle with a blade trigger (RL).



PROTIG NG S

The ergonomic handle with button (EB).



AIR COOLED

Model			PROTIG 10		PROTIG 20		PROTIG 30		PROTIG 40	
Duty cycle 35%			125 A		150 A		200 A		250 A	
Duty cycle 60%			80 A		100 A		130 A		200 A	
Fitted as standard	back cap		Long							
	nozzle		Ø 9.6 mm				Ø 12 mm			
	electrode		Ø 1.6 mm		Ø 2.0 mm		Ø 2.4 mm			
Length			5 m	8 m	5 m	5 m	8 m	5 m		
PROTIG III S	Connection	C5B/S	W000382715-2	W000382716-2	W000382717-2	W000382719-2	-		W000382721-2	
PROTIG NG S			W000278394-2	-	W000278396-2	W000278398-2	W000278399-2	W000278400-2		



WATER COOLED

MODEL			PROTIG 10W		PROTIG 35W		PROTIG 40W	
Duty cycle 100%			220 A		350 A		450 A	
Fitted as standard	back cap		long					
	nozzle		Ø 12.8 mm		Ø 15 mm		Ø 14 mm	
	electrode		Ø 2.4 mm		Ø 4.0 mm		Ø 4.8 mm	
Length			5 m	8 m	5 m	8 m	5 m	8 m
PROTIG III S	Connection	C5B/S	W000382723-2	W000382724-2	W000382725-2	W000382726-2	W000382727-2	-
PROTIG NG S			W000278402-2	W000278403-2	W000278404-2	W000278405-2	W000278406-2	W000278407-2



OPTIONS FOR PROTIG NG S

Adjustable heads

Optional adjustable torch bodies are available, designed for improved access in confined spaces. Offered with small or large heads, they are compatible with both air- and water-cooled systems.



Modular system

All EB torches come with a single button module as standard. Additional control modules can be ordered.

Single button



Connectors

The connectors are newly designed, compact and fully protected and deliver both strength and quality. All hoses are made of rubber with a woven sheath for heavy duty work.

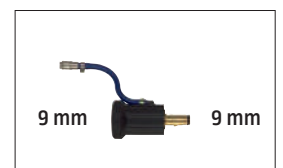


Air cooled



Water cooled

For torches with separate gas to be connected to power sources with central gas, use W000306141.

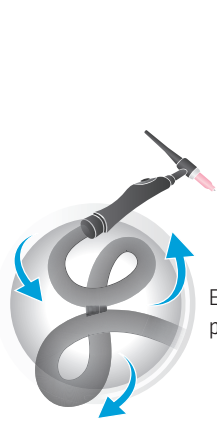




TIG TORCHES

WTT2 TORCHES

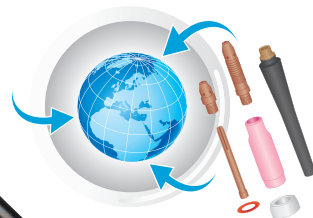
Simple and reliable, this range is adaptable to the most common applications.



Extra-flexible, high-performance cable.



Easy pivoting handle (for EB handles).



Standardised wear parts.



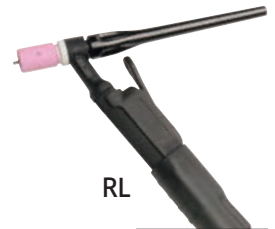
Handle – made with high temperature silicon rubber.



AIR COOLING

Model		WTT2 9		WTT2 17		WTT2 26			
Duty cycle at 40 °C	60%	80 A		100 A		130 A			
	35%	110 A		135 A		180 A			
Original equipment	back cap	Long							
	nozzle	Ø 9.6 mm		Ø 9.6 mm		Ø 12.8 mm			
	electrode	Ø 1.6 mm		Ø 2.0 mm		Ø 2.4 mm			
Length		4 m	8 m	4 m	8 m	4 m	8 m		
Handle	RL	Connection	S	–	W000278923	W000278883	W000278918	–	–
			C5B	–	–	W000278884	W000278917	W000278890	W000278913
	EB	S	W000278877	W000278929	W000278881	–	W000278886	–	
		C5B	W000278875	–	W000278882	W000278919	W000278887	W000278915	
	V	V (Conn. 9 mm)	W000278876	–	W000278880	–	–	–	
		V (Conn. 13 mm)	–	–	W10529-17-4V	–	W000278885	–	
EB-FLEX	S / C5B	–	–	W000382782	–	W000382784	W000382785		

Handle



RL

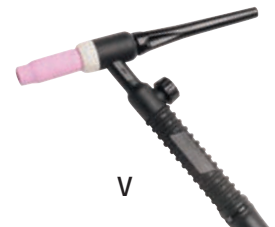


EB



WATER COOLING

Model		WTT2 20 W		WTT2 18 W			
Duty cycle at 40 °C	100%	200 A		320 A			
	60%	250 A		350 A			
Original equipment	back cap	Long					
	nozzle	Ø 12.8 mm		Ø 16 mm			
	electrode	Ø 2.4 mm		Ø 3.2 mm			
Length		4 m	8 m	4 m	8 m		
Handle	RL	Connection	C5B	–	W000278905	W000278898	W000278899
	EB		C5B	W000278892	W000278909	W000278896	W000278901
	EB-FLEX		S / C5B	W000382786	W000382787	W000382788	W000382789



V

Connector

Shaped cable output for improved robustness.



Air cooling

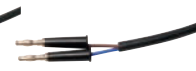


Water cooling

Connections



C5B



S



EB-FLEX



TUNGSTEN ELECTRODES

A complete range of tungsten electrodes.

Product advantages:

- Very high life cycle
- Perfect arc ignition
- Very stable arc
- Tip longevity

- Pure tungsten
- Tungsten + cerium
- Tungsten + lanthanum
- Tungsten + rare earths



CAUTION: before use, carefully read and understand the safety data sheet available on our websites.

Type	Metal		Arc stability	Striking	Lasting	Thermal resistance
	Aluminium	Mild & Stainless steel				
WP – pure tungsten	*		**	*	*	*
WC 20 – Cerium 2%		*	**	*	**	**
WL 15 – Lanthanum 1.5%	**	***	**	***	***	***
WL 20 – Lanthanum 2%	*	***	**	***	***	***
WS 20 – Rare earths (1) 2%	*	*	**	***	***	***

*** Excellent ** Good * Average

(1) Rare earths = any of the abundant metallic elements, including scandium (atomic number 21), yttrium (39), and the 15 elements from 57 to 71 (lanthanide series include lanthanum and cerium) in the Mendeleev classification.



See the batch number on the tungsten electrode packaging and consult your conformity certificate on our websites

WP-Pure Tungsten		
Ø (mm)	Length (mm)	Item Number
1.6	150	W000010010
2.0	150	W000010011
2.4	150	W000010012
3.2	150	W000010014
4.0	150	W000010015

WCe-Cerium 2%		
Ø (mm)	Length (mm)	Item Number
1.6	150	W000010023
2.0	150	W000010024
2.4	150	W000010025
3.2	150	W000335150

WLa20-Lanthanum 2%		
Ø (mm)	Length (mm)	Item Number
1.0	150	W000010373
1.6	150	W000010016
2.0	150	W000010017
2.4	150	W000010018
3.2	150	W000010020
4.0	150	W000010021

WLa 15-Lanthanum 1.5%		
Ø (mm)	Length (mm)	Item Number
1.6	150	W000402663
2.0	150	W000402664
2.4	150	W000402665

WS 2-Rare Earths		
Ø (mm)	Length (mm)	Item Number
1.6	175	W000335167
2.4	175	W000335169
3.2	175	W000335171

Recommended welding intensities

Electrode diameter	Direct current	Alternating current	
	Tungsten with oxide addition	Pure tungsten	Tungsten with oxide addition
1.0 mm	10 – 70 A	15 – 55 A	15 – 70 A
1.6 mm	20 – 100 A	45 – 90 A	60 – 125 A
2.0 mm	50 – 140 A	65 – 125 A	85 – 160 A
2.4 mm	70 – 170 A	80 – 140 A	120 – 210 A
3.0 mm	100 – 210 A	140 – 180 A	140 – 230 A
3.2 mm	130 – 250 A	150 – 190 A	150 – 250 A
4.0 mm	150 – 350 A	180 – 260 A	240 – 350 A



PLASMA TORCHES

HAND & MACHINE PLASMA TORCHES



AIR COOLING

	LC 30 (Hand)	LC 45 (Hand)	LC 65 (Hand)	LC 105 (Hand)	LC 65 (Machine)	LC 105 (Machine)	
Flow rate	125l/min@5,0 bar	125l/min@5,0 bar	130 l/min@5.0 bar	280 l/min@5.5 bar	130 l/min@5.0 bar	280 l/min@5.5 bar	
Duty Cycle	30A@60%	45A@45%	60A@60%	100A@60%	60A@60%	100A@60%	
Thickness (mm)	mild steel	12	16	25	40	25	40
	severance	20	25	30	45/50*	30	45
	LC 30	LC 45	LC 65	LC 105	LC 65	LC 105	
	Hand			Machine			
4 m	W100000325	-	-	-	-	-	
6 m	-	W100000327	-	-	-	-	
7.5 m	-	-	PTH-061A-CX-7M5A	PTH-101A-CX-7M5A	PTM-061A-CX-7M5A	PTM-101A-CX-7M5A	
15 m	-	-	PTH-061A-CX-15MA	PTH-101A-CX-15MA	-	PTM-101A-CX-15MA	

*With 100A premium wear parts



ACCESSORIES

AIR FILTER LAF1250

Sub-micron filter for compressed air. Designed to remove moisture, oils and spray particles from air compressors, thus providing clean, free of oil and dry air.

- Better quality cut.
- Longer life time of consumables.
- Increases life time of the torch itself.
- Compatible with any plasma cutting machine and torch.
- Filter cartridge easily replaceable.
- Useful also for different applications machines (spray painting, pneumatic tools,...).



Item Number

Air filter LAF1250	W88X1456A
Filter cartridge	W8800117R

CUTTING ATTACHMENT



Item Number

Cutting circles (max diam. 820 mm)	W0300699A
Circle kit to suit LC45	W100000338

BEVEL TOOL

- Plasma torch guide for straight cutting (with guide wheels)
- Plasma torch guide for circle cutting (with guide wheels)
- Distance rod 25 cm and 40 cm
- Holding ring for LC65 plasma torch
- Hexagon spanners (2 pcs)
- Carrying case



Item Number

Bevel tool	W03X0893-119A
Bevel tool to suit LC45	W100000339



LINCOLN
ELECTRIC

VIRING

WARNING

LINCOLN
ELECTRIC

LINCOLN
ELECTRIC



PERSONAL PROTECTIVE EQUIPMENT





WELDING HELMETS

OVERVIEW



Specifications	FGS™ Series	3350 Series	2450 Series	Eurowave 3.0 LS Series	Eurospeed LS Series	Euroone Series
Variable Shade Range / Control	5-13 Internal	5-13 Internal	5-13 Internal	5-13 Internal	9-13 Internal	9-13 External
Optical Clarity Rating	1/1/1	1/1/1	1/1/1	1/1/1	1/1/2	1/1/2
Auto-Darkening Viewing Area (mm)	108 x 75	95 x 85	97 x 62	97 x 62	98 x 44	98 x 44
Grind Mode Shade / Control	DIN4 / Internal	DIN4 / External	DIN4 / External	DIN3 / Internal	DIN4 / Internal	DIN3,5/External
Delay Control Dark to Light (s)	0,0-1,0 Digital Adjustment	0,1-1,0 fully adjustable	0,1-1,0 fully adjustable	0,1-1,0 fully adjustable	0,1-1,0 by infinitely dial knob	0,1-1,0 by infinitely dial knob
Number of Arc Sensors	4	4	4	4	2	2
Weight (g)	793	606	595	635	475	490
Lens Switching Speed (ms)	0,040	0,040	0,040	0,040	0,040	0,063
Optic Technology						Standard
Magnifying "Cheater" Capable Lens Technology	Yes	Yes	Yes	Yes	No	No
TIG Amp Rating	≥2 A /DC ≥2 A /AC	≥2 A /DC ≥2 A /AC	≥2 A /DC ≥2 A /AC	≥2 A /DC ≥2 A /AC	≥5 A /DC ≥5 A /AC	≥10 A /DC ≥10 A /AC
Light Sensitivity Control	Digital Display Control	Continuous	Continuous	Continuous	by infinitely dial knob	by infinitely dial knob
Bonus accessories	Side Windows + Planch of stickers + Bag + Bandana	Planch of stickers + Bag + Bandana	Planch of stickers + Bag + Bandana	-	Planch of stickers	-
Cartridge Size (mm)	122 x 154,5	114 x 133	114 x 133	114 x 133	110 x 90	110 x 90
Auto-Darkening Viewing Area (mm ²)	8100	8075	6014	5820	4312	4312
Headgear Type	UPGRADED FOUR AXIS PIVOT	X6 Axis pivot	X6 Axis pivot	FOUR AXIS PIVOT	FLEXSPEED LS + cushion	FLEXONE
Battery Type	Solar cell + 2 CR2450 Replaceable Batteries	Solar cell + 2 CR2450 Replaceable Batteries	Solar cell + 2 CR2450 Replaceable Batteries	Solar cell + 2×CR2450 replaceable lithium battery	Solar cell + Battery replaceable (2xAAA Alkaline batteries)	Solar cells, no battery change required
Graphic options	1	4	2	2	3	1
Warranty						
Value Proposition	Best In Class Specifications With Added Productivity & Safety Features	Best in Class Specifications & Features	Enhanced Versatility	Light state DIN3	Good value	Efficient value solution with grinding mode



VIKING™ 3250D FGS™

Our most technologically advanced helmet

- Perfect Optical Clarity: EN379 rating of 1/1/1/1
- Variable Shade Range: DIN 4/5–13
- Integrated Clear Grind Shield with anti-fog coating
- Shade 5 side windows expand field of view
- Extra-Large Viewing Area: 108 × 75 mm auto-darkening display
- Outdoor Optimized
- Cheater Lens Compatible
- New Pivot-Style Headgear



Item Number

Viking™ Helmet 3250D FGS™ K3540-3-CE



VIKING™ 3350 SERIES 4

Our top-of-the-line helmet series

- Perfect Optical Clarity: EN379 rating of 1/1/1/1
- Variable Shade Control: DIN 5–13
- Continuously variable sensitivity and delay
- Grind Mode via external button
- Expansive Viewing Area: 95 × 85 mm
- Large Cartridge Size: 133 × 114 mm
- Four Arc Sensors
- Outdoor Optimized
- Cheater Lens Compatible
- New Pivot-Style Headgear



Item Number

Viking™ 3350 Daredevil	K3683-4-CE
Viking™ 3350 Motorhead™	K3100-4-CE
Viking™ 3350 BlackMat	K3034-4-CE
Viking™ 3350 Mojo™	K3101-4-CE





WELDING HELMETS

VIKING™ 2450 SERIES

Our lightweight premium helmet series

- Perfect Optical Clarity: EN379 rating of 1/1/1/1
- Variable Shade Control: DIN 5–13
- Continuously variable sensitivity and delay
- Grind Mode via external button
- Viewing Area: 97 × 62 mm
- Large Cartridge Size: 133 × 114 mm
- Four Arc Sensors
- Outdoor Optimized
- Cheater Lens Compatible
- New Pivot-Style Headgear



VIKING
WELDING HELMETS



STICK



TIG



MIG/MAG



FCAW



GOUGING



GRINDING

Item Number

Viking™ 2450 Black	K3028-4-CE
Viking™ Heavy Metal®	K3029-4-CE



EUROWAVE 3.0 LS

Premium Welding Lens with LS Technology

- Viewing Area: 97 × 62 mm
- Switching speed of 1/25,000 s for instant protection
- Variable Shade Range: DIN 3/5–13
- Grind Mode via internal button
- Four Arc Sensors
- Large Cartridge: 133 × 114 mm
- Lightweight Design:
- Cheater Lens Compatible



STICK



TIG



MIG/MAG



FCAW



GOUGING



GRINDING



PLASMA CUTTING

Item Number

Eurowave 3.0 LS Black	W403900
Eurowave 3.0 LS Streetart	W403901





EUROSPEED LS

PREMIUM OPTICS with Exclusive LS technology

- Viewing Area: 98 × 44 mm
- Switching speed of 1/25,000 s for instant protection
- Variable Shade Range: DIN 4/9–13
- Grind Mode via internal button
- Two Arc Sensors
- Large Cartridge: 110 × 90 mm
- Lightweight Design:
- Cheater Lens Compatible

Item Number

Eurospeed LS	W000403824
Eurospeed LS Circus Games	W000403824-8
Eurospeed LS Streetart	W403546



STICK



TIG



MIG/MAG



FCAW



GOUGING



GRINDING



PLASMA CUTTING

EUROONE

Lightweight. Comfortable. Built for Performance

- Viewing area of 98 x 44mm.
- Lens switching speed: 1/16,000 s.
- Two arc sensors.
- DIN 3.5/9-13.
- Grind mode – external button

Item Number

Euroone	W000403823
Euroone No rules No Limits	W000403823-1



STICK



MIG/MAG



GRINDING



PLASMA CUTTING





ACCESSORIES

SPLIT OR GRAIN LEATHER HELMET BIB WITH PRESS-FIT SILICONE SEAL

Enhanced Neck Protection for Welding Applications

- Neck Protection: Made from tough split or grain leather to shield against heat and debris.
- Optimized Fit: Unique press-fit silicone seal ensures a secure, gap-free connection to the helmet edge for full frontal coverage.
- Reinforced Durability: Kevlar-stitched seams and hemmed edges resist tearing and wear.
- Universal Compatibility: Fits all Lincoln Electric helmets and most other major brands.



Item Number

Split leather helmet bib	KP3729-1
Grain leather helmet bib	KP3730-1

CHEATER LENS

Magnifying the work zone for precision welding

- Can be used with Eurowave 3.0 LS, Viking 2450 series, Viking 3350 series, Viking FGS and Europure 5500 LS

Item Number

Cheater lens 1.00 magnification	KP3046-100
Cheater lens 1.25 magnification	KP3046-125
Cheater lens 1.50 magnification	KP3046-150
Cheater lens 1.75 magnification	KP3046-175
Cheater lens 2.00 magnification	KP3046-200
Cheater lens 2.25 magnification	KP3046-225
Cheater lens 2.50 magnification	KP3046-250



LED WORK LIGHT FOR WELDING HELMETS

- Improved Clarity: Adds ambient light to help welders clearly see directional markers and maintain consistent travel speed.
- Eye-Friendly: Supports both experienced welders and those with reduced vision by reducing eye strain in dark conditions.
- Minimal Interference: Enhances surrounding visibility without significantly affecting the brightness of the arc or the molten weld pool.
- Optimized for All Shades: Effective regardless of the shade level in use.



Item Number

LED Work Light for Welding Helmets	WP202201
------------------------------------	----------



ACCESSORIES

HELMET BACKPACK

- Spacious Main Compartment: Opens wide for easy access to your helmet.
- Lightweight Design: Easy to carry without adding bulk.
- Side Pockets: Ideal for storing spare cover lenses, gloves, and small tools.
- Protective Build: Keeps your gear safe from dust, scratches, and impact.



Item Number

Helmet BackPack

WP202203

FLAME-RETARDANT COTTON HEAD COVER

With Press Fit Silicone Seal

- Reliable Head Protection: Made from durable flame-retardant cotton to shield against arc flash, sparks, and spatter.
- Innovative Attachment: Press-fit silicone seal ensures a secure connection to the top of the helmet for complete coverage.
- Reinforced Durability: Kevlar-stitched seams and hemmed edges resist tearing and wear.
- Universal Compatibility: Fits all Lincoln Electric helmets and most other brands.



Item Number

Flame-Retardant Cotton
Head Cover

WP202204



WELD FUME



Fume Extraction Helmets



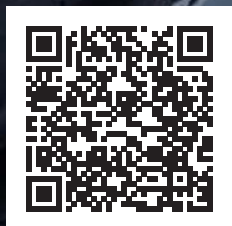
Fume Extraction Guns



Mobile Units



CONTROL



Extraction Arms



Downdraft Tables














Stationary Units



RESPIRATORY PROTECTION

OVERVIEW

HELMET									
		 Europure PLUS™ Wave 3.0 LS		 Europure PLUS™ 5500 LS		 Europure PLUS™ LE FACE SHIELD		 Europure PLUS™ CLEAR	
Welding process		MMA, MIG/MAG, GRINDING				GRINDING, BRAZING, OXYFUEL CUTTING			
Optical Clarity Rating		1/1/1		1/1/1		Anti-Fog Clear Shield, Shade 5			
Lens Switching Speed (ms)		0,04		0,04		-		-	
Number of Arc Sensors		4		4+2		-		-	
Variable Shade Range / Control		5-13 / Internal		8-13 / Internal		-		-	
Optic Technology						-		-	
Magnifying "Cheater" Capable Lens		Yes		Yes		-		-	
Grind Mode Shade / Control		DIN 3 / External		DIN3 / FLIP UP		-		-	
TIG Amp Rating		≥2 A /DC ≥2 A /AC		≥2 A /DC ≥2 A /AC		-		-	
Light Sensitivity Control		Continuous		Continuous		-		-	
Delay Control Dark to Light (s)		0,1-1,0 fully adjustable		0,1-1,0 fully adjustable		-		-	
Warranty for the helmet									
Cartridge Size (mm)		133 x 114		156 x 123		-		-	
Auto-Darkening Viewing Area (mm ²)		6 014		8 025		-		-	
BLOWER									
Battery Type		Solar cells +2 exchangeable lithium batteries Battery type: Rechargeable Li-ion Battery (More effective)							
Low Battery Indicator		Visible, Audible and Vibrate alarms to ensure safety							
Stand by time of battery (h)		9							
Time of charge of battery (h)		1							
Air flow rate (l/min)		Low speed: 170 High speed: 210							
Headgear Type		Advanced Headgear		Advanced Headgear		-		-	
Warranty for the blower									
Value Proposition		The ultimate welder protection: TH3 CLASS							
Harmonised standards		For welding helmet: EN ISO 16321-1:2021 EN ISO 16321-2:2021 For Blower: EN 12941:1998 + A1:2003 + A2:2008		EN 175:1997 EN 166:2022 EN 169:2003 EN 379:2003+A1 EN 12941: 1998 + A1 : 2003 + A2 : 2008		EN 166:2022 EN 12941:1998 + A1:2003 + A2:2008		EN 397:2012+A1:2012 EN 166:2022 EN 12941:1998 + A1:2003 + A2:2008	
Weight (g)		635 + 1020		793 + 1020		120 + 1020		792 + 1020	
Bonus accessories		Side Windows + Planch of stickers + Duffle Bag + Bandana + Shoulder Straps		Side Windows + Planch of stickers + Duffle Bag + Bandana + Shoulder Straps		-		-	



EUROPUREPLUS™ WAVE 3.0 LS EUROPUREPLUS™ 5500 LS

Powered air purifying respirator – TH3 Class

- Smart Blower System: Ensures consistent airflow and high-level respiratory protection.
- Integrated Grind Shield & Side Windows: Enhances visibility and versatility.
- Extra-Large Auto-Darkening Lens: viewing area 6014 mm² (Wave 3.0 LS) or 8025 mm² (5500 LS).
- Features exclusive light shade technology.
- Upgraded 1/1/1 optical clarity for superior vision.
- TH3-Class Filtration: Delivers the highest level of respiratory protection.
- Helmet Weight: 635 g (Wave 3.0 LS) or 793 g (5500 LS).

Item Number

EuropurePLUS™ WAVE 3.0 LS	W403677
EuropurePLUS™ 5500 LS	W403676



NEW





RESPIRATORY PROTECTION

EUROPUREPLUS™ LE FACE SHIELD

Powered air purifying respirator - TH3 Class

- Integrated PAPR System: Combines a smart blower unit with a professional-grade face shield.
- Dual-Coated Face Shield: High-density contoured lens, over 90% thicker than standard shields.
- Exceptional Filtration: Overall efficiency up to 99.997%.
- Shield Options: Available in Clear or Shade 5 styles.
- Lightweight Design: Helmet weighs only 120 g.
- Comfort-Focused: High-strength shell with adjustable headgear for balanced weight distribution.
- Professional Grade: Designed for welders and industrial professionals requiring top-tier respiratory and facial protection.
- Helmet Weight: 120 g.

Item Number

EuropurePLUS™ LE FACE SHIELD

W403679



EUROPUREPLUS™ CLEAR

High-Impact Face Shield with Respiratory Protection

- Modern Design: Combines sleek aesthetics with advanced impact protection.
- High-Impact Resistance: Reinforced head top for superior protection against impacts.
- Compact & Balanced: Ergonomic shape with optimized center of gravity for comfort.
- Wide Field of View: Full face coverage without compromising visibility.
- Exceptional Filtration: Provides the highest level of respiratory protection with up to 99.997% efficiency.
- Helmet Weight: 792 g.

Item Number

EuropurePLUS™ CLEAR

W403678





ACCESSORIES

PAPR – ADJUSTABLE LEATHER BELT ASSEMBLY

- Cushioned backpad for enhanced comfort
- Leather belt offers excellent durability against heat, spatter, sparks and more
- Slide adjustable fit allows operator to adjust tightness



Item Number

PAPR – Adjustable Leather Belt Assembly **WP403676-29**

BACKPACK

- Replaces belt and shoulder straps to improve weight distribution and comfort



Item Number

Backpack **WP403676-31**

A1B1E1K1 TYPE FILTER

- Protection against organic gases, inorganic gases, sulfur dioxide, acidic gases, ammonia and organic ammonia derivatives.
- Application operation: assembly, facility maintenance, grinding, machine operation, welding, painting.
- Application industry: chemicals, mining, oil, natural gas.
- Can be combined with P3 filter for a protection against particulates.



Item Number

A1B1E1K1 type filter **WP403676-30**

FAST-CHARGING EXTENDED BATTERY

- Battery type: Rechargeable Li-ion Battery
- Battery duration: 15 hours (low speed: 170+ lpm), 9 hours (high speed: 210+ lpm)
- Battery charge time: 2 hours
- Battery life : 550 charges



Item Number

Fast-charging Extended battery **WP403676-2**

MULTI-OPERATOR PAPR BATTERY CHARGER

- Charge 4 Batteries Lithium ION at one time
- Charges in 3 hours
- Compatible with Standard and extended Battery
- Battery charger indicator: switching LED (red – charging, green – charging complete)
- Norm: CE 62368



Item Number

Multi-Operator PAPR Battery Charger **WP403676-39**

P3 PARTICLE FILTER



ODOR FILTER



Item Number

P3 particle filter (1 pc)	WP403676-17
P3 particle filter (Pack of 5 pcs.)	WP403676-32
Odor filter	WP403676-36

QUICK-CONNECTION HOSE EXTENSION



Item Number

Quick-connection hose extension **WP403676-38**



WELDING GLOVES

MIG UNIVERSAL COMFORT

Suitable for general welding applications



★★★★☆
Heat resistance



★★★★★
Dexterity



★★★★★
Abrasion resistance



★★★★★
Molten metal splashes



FEMALE

Item Number

Size 8 FEMALE WG-MIG-1-CE-T8-L

Size 9 WG-MIG-1-CE-T9

Size 10 WG-MIG-1-CE

Size 11 WG-MIG-1-CE-T11

PERSONAL PROTECTIVE EQUIPMENT REGULATION 2016/425 (UE)

EN 420: 2003+[A1:2009] - 3

EN 407:2004 - 4 1 3 2 4 x

EN 388:2016 - 2 1 3 2 x

EN 12477:2001+[A1:2005] - Type A

MIG UNIVERSAL COMFORT +

Suitable for general welding applications

- Grain leather palm for improved sensitivity and control



★★★★★
Heat resistance



★★★★★
Dexterity



★★★★★
Abrasion resistance



★★★★★
Molten metal splashes



PERSONAL PROTECTIVE EQUIPMENT REGULATION 2016/425 (UE)

EN 420: 2003+[A1:2009] - 3

EN 407:2004 - 4 1 3 2 4 x

EN 388:2016 - 4 2 3 4 x

EN 12477:2001+[A1:2005] - Type A

Item Number

Size 7 WG-MIG-2-CE-T7

Size 8 WG-MIG-2-CE-T8

Size 9 WG-MIG-2-CE-T9

Size 10 WG-MIG-2-CE

Size 11 WG-MIG-2-CE-T11

MIG IRON PROTECT

High-level hand protection during standard
MMA and MIG/MAG welding applications



★★★★★
Heat resistance



★★★★★
Dexterity



★★★★★
Abrasion resistance



★★★★★
Molten metal splashes



PERSONAL PROTECTIVE EQUIPMENT REGULATION 2016/425 (UE)

EN 420: 2003+[A1:2009] - 3

EN 407:2004 - 4 2 3 4 x

EN 388:2016 - 4 1 3 2 x

EN 12477:2001+[A1:2005] - Type A

Item Number

Size 10 WG-MIG-3-CE

Size 11 WG-MIG-3-CE-T11



MIG IRON PROTECT +

High-level hand protection during standard MMA and MIG/MAG welding applications

- Grain leather palm for improved sensitivity and control



★★★★★
Heat resistance



★★★★☆
Dexterity



★★★★☆
Abrasion resistance



★★★★★
Molten metal splashes

Item Number

Size 10 WG-MIG-4-CE

Size 11 WG-MIG-4-CE-T11



**PERSONAL PROTECTIVE EQUIPMENT
REGULATION 2016/425 (UE)**

EN 420: 2003+(A1:2009) - 3
EN 388:2016 - 2 12 2 x
EN 407:2004 - 4 13 2 4 x
EN 12477:2001+(A1:2005) - Type A

MIG IRON ALU

Engineered for superior hand protection in demanding welding environments

- **Comfort:** Crafted from premium split leather (1.1-1.3 mm thick) in striking red and black, these gloves feature a soft cotton fleece lining that enhances thermal insulation and all-day comfort.
- **Durability & Heat Resistance:** The back of the glove is reinforced with aluminized fabric made from 100% para-aramid (480 g/m², BASF Thermal Engineering), offering exceptional resistance to radiant heat, sparks, and small splashes of molten metal.
- **Extended Protection:** A robust split leather cuff provides added coverage, shielding the forearm from mechanical hazards and high-temperature exposure.



★★★★★
Heat resistance



★★★★☆
Dexterity



★★★★★
Abrasion resistance



★★★★★
Molten metal splashes



**PERSONAL PROTECTIVE EQUIPMENT
REGULATION 2016/425 (UE)**

EN 21420:2020
EN 388:2019
EN 407:2004
EN 12477:2001+A1:2005

Item Number

Size 10 W10420

THERMAL SCREEN

Enhanced thermal protection accessory for industrial gloves

- Dimensions: 200 × 150 mm
- Equipped with two elastic straps—one at the palm and one at the cuff—
- Made from split leather with a Kevlar® lining.
- One aluminized side reflects up to 95% of radiant heat.
- Stitched with double Kevlar® thread.
- Supplied as a pair (two pieces).



EN 532

Item Number

W335162



WELDING GLOVES

TIG FLEX SENSITIVE

- Specifically designed to provide superior tactile sensitivity and control, ideal for precision welding tasks.
- A top choice among TIG welders for its unmatched comfort and performance.
- Made from high-quality goat leather, offering a perfect balance of softness, durability, and flexibility.



FEMALE



★★★★★
Heat resistance



★★★★★
Dexterity



★★★★★
Abrasion resistance



★★★★★
Molten metal splashes

Item Number

Size 8	WG-TIG-8-CE
Size 9	WG-TIG-9-CE
Size 9 FEMALE	WG-TIG-9-CE-L
Size 10	WG-TIG-10-CE
Size 11	WG-TIG-11-CE

PERSONAL PROTECTIVE EQUIPMENT REGULATION 2016/425 (UE)

EN 420: 2003+[A1:2009] - 3
 EN388 :2016 - 2 1 3 2 x
 EN407 :2004 - 4 1 3 2 4 x
 EN 12477:2001+[A1:2005] - Type A

WORKER GLOVES FULL LEATHER STEEL

- Constructed with top grain cowhide leather for excellent fit, durability, and dexterity. The goatskin back enhances breathability, keeping hands cooler during extended use.
- A padded palm provides added cushioning for prolonged wear.
- Features a soft rubber-tabbed hook-and-loop wrist closure combined with a flexible elastic band to ensure a snug, secure, and comfortable fit.



Item Number

Size M	W2977-M-CE
Size L	W2977-L-CE
Size XL	W2977-XL-CE

PERSONAL PROTECTIVE EQUIPMENT REGULATION 2016/425 (UE)

EN 388:2016+[A1] - 3 1 1 1 x



WELD'FIT COMFORT

WELD'fit products are heat and flame resistant and provide the highest protection for the welders.

Composition:

- Split leather, grain leather.

Standard:

Rules (EU) 2016/425 European Regulation on Personal Protective Equipment

UNI EN ISO 13688:2013: (general requirements for innocuousness, ergonomics and sizes),

UNI EN ISO 11611:2015: (use in welding operations and related procedures) Products are manufactured according to the Rules (EU) 2016/42

SHORT AND LONG SLEEVES

Designed to protect the arms from fine welding spatters during light to moderate welding tasks.

- Made from chrome-tanned split leather
- Secured with leather straps
- Elasticated wrist cuffs
- Universal fit

Long Oversleeves

Extended coverage, 60 cm wide.
Elastic at wrists and leather laces at shoulders.
Quick fastening system for easy wear and removal.



Item Number

Short oversleeves	W000404083
Long oversleeves	W000404084

Short Sleeves

Ergonomic design, 40 cm wide.
Elasticated cuffs for a secure fit.

PPE II° CATEGORY
Certified by EU 425/2016
EN 11611 A1 Class 2

SPLIT LEATHER WELDING JACKET

Designed for durability and comfort, this premium split leather welding jacket offers reliable protection against welding spatters and grinding particles.

- Front fastening with snap buttons covered in leather, plus an overlapping leather flap with Velcro.
- Inner neck lined with double-layered cotton.
- Includes an internal pocket.
- Elastic ribbed cuffs at the wrists.
- Accented with red trim.
- Length: 780 mm.

Button closure under flap



Easily personalize your welding jacket with the removable Velcro band



Breathable

PPE II° CATEGORY
Certified by EU 425/2016
EN 11611 A1 Class 2

Item Number

Size S*	W000404090-S
Size M*	W000404090-M
Size L	W000404090-L
Size XL	W000404090
Size 2XL	W000404091
Size 3XL*	W000404090-3XL
Size 4XL*	W000404090-4XL

* On demand



LEATHER CLOTHES

GRAIN LEATHER WELDING JACKET

This premium grain leather welding jacket combines durability, comfort, and flexibility for optimal protection during welding tasks.

- Fastens at the front with snap buttons covered in leather, plus an overlapping leather flap with Velcro.
- Regular fit design with an inner neck lined in double-layered cotton for added comfort.
- The back panel is partially made from flame-retardant cotton.
- Includes an internal pocket and elasticated cuffs at the wrists.
- Elastic ribbed cuffs at the wrists.
- Accented with red trim.
- Length: 780 mm.

Item Number

Size S*	W000404092-S
Size M*	W000404092-M
Size L	W000404092-L
Size XL	W000404092
Size 2XL	W000404093
Size 3XL*	W000404092-3XL
Size 4XL*	W000404092-4XL
Size 5XL*	W000404092-5XL

* On demand

Button closure under flap

Easily personalize your welding jacket with the removable Velcro band

Breathable

PPE II° CATEGORY
Certified by EU 425/2016
EN 11611 A1 Class 2

With the blank velcro, you can add your company's logo, name or message of your choice.

SPLIT LEATHER GAITERS

Protective Legwear for Welding and Grinding.

- Designed to shield the lower legs, trousers, and footwear from sparks and heat during welding and grinding operations.
- Durable split leather.
- Adjustable leather strap or Velcro closure.
- Includes under-strap to hold gaiters firmly over shoes.
- Made from four stitched panels for flexibility and strength.
- Width: 30 cm.



PPE II° CATEGORY
Certified by EU 425/2016
EN 11611 A1 Class 2

Item Number

Gaiters with straps	W000404081
Gaiters with velcro	W000404082



LEATHER APRON

Welding aprons protect welders' clothing and skin from sparks, heat and other hazards associated with welding.



Grain Leather Welding Apron



Split Leather Welding Apron

Split Leather Welding Apron:

- Crafted from premium split leather, tanned using chromium salts (mineral-based tanning) for enhanced durability and heat resistance.
- Equipped with a leather or cotton waist strap featuring quick-release clips for easy fastening at the waist and chest flap.



Fastened with clips or cotton straps.

PPE II° CATEGORY
Certified by EU 425/2016
EN 11611 A1 Class 2

Grain Leather Welding Apron:

- Made from high-quality grain leather, also tanned with chromium salts to ensure superior protection and longevity.
- Features a sturdy leather strap threaded through reinforced eyelets, securely fastening the apron at the waist and chest flap.

Item Number

Grain leather apron 1100 x 800	W000404085
Split leather apron 1100 x 800	W000404086
Split leather apron 900 x 600 leather laces	W000404087
Split leather apron 900 x 600 fabric laces	W000404088



WELD'FIT COTTON WELDING GARMENTS

WELD'fit welding garments are crafted from 305 g/m² flame-retardant fabric, offering excellent resistance to heat and welding spatters. Designed for both safety and practicality, these garments feature multiple Velcro-fastened pockets for convenient storage.

- Manufactured in compliance with EN ISO 11611:2015, Class 1/A1+A2.
- Each item includes permanent, legible markings as required by EN standards.
- Supplied with a comprehensive instruction manual.

Regulation:

Personal Protective Equipment Regulation PPER (EU) 2016/425.

EN ISO 11611:2015

→ EN ISO 11611 - Protective clothing for welding and related processes.



Class 1 A1+A2
EU 2016/425

Class 1 = protection against less hazardous welding techniques and situations causing lower levels of spatter and radiant heat.

A1-A2 = Protection against limited flame spread.

Clothing produced according to EN ISO 11611 serves to protect the wearer whilst welding or performing allied processes involving comparable risks. This clothing provides protection against spatter (*minor splashes of molten metal*) and so-called welding beads as well as brief contact with flames and radiant heat from the arc. Under normal welding conditions, it offers limited electrical insulation against DC voltage of up to approximately 100 V. According to EN ISO 11611, the clothing is divided into the following classes depending on their level of protection: Class 1 or Class 2.



Sleeve tightening snap button



Customisable velcro





TRADITIONAL SPLIT LEATHER-SLEEVED JACKET

This classic welding jacket combines durable protection with lightweight comfort. Split cowhide leather sleeves provide excellent resistance to spatter and abrasion, while the lightweight flame-retardant fabric on the chest and back ensures breathability and ease of movement.

- Black & red flame-retardant cotton, 305 g/m²
- Sleeves in split cowhide leather.
- Stitch reinforced with black Kevlar thread (Aramid).
- Collar fastened with Velcro; adjustable sleeves with snap buttons.
- One internal left-side pocket.
- Adjustable sleeves.
- Not Washable.

Customise your welding jacket thanks to the removable velcro band



Item Number	
Size M	W3106-M-CE
Size L	W3106-L-CE
Size XL	W3106-XL-CE
Size 2XL	W3106-2XL-CE
Size 3XL	W3106-3XL-CE

**PERSONAL PROTECTIVE EQUIPMENT
REGULATION 2016/425 (UE)**
EN ISO 11611:2015 Class 1/A1+A2

WELDING JACKET – FLAME RETARDANT COTTON

Ideal for light-duty welding, this jacket is made from 100% flame-retardant cotton fabric for reliable protection and comfort. Its practical design includes a convenient internal pocket and secure fastening features.

- Black & red flame-retardant fabric, 305 g/m².
- One internal left-side pocket.
- Velcro-fastened collar and snap-button adjustable sleeves.
- Reinforced with black Kevlar thread (Aramid).
- Machine washable at 40°C.

Customise your welding jacket thanks to the removable velcro band



Item Number	
Size M	W2985-M-CE
Size L	W2985-L-CE
Size XL	W2985-XL-CE
Size 2XL	W2985-2XL-CE

**PERSONAL PROTECTIVE EQUIPMENT
REGULATION 2016/425 (UE)**
EN ISO 11611:2015 Class 1/A1+A2



WELDING LAB COAT – FLAME RETARDANT COTTON

Designed for instructors, supervisors, and occasional welders, this knee-length lab coat offers lightweight protection in welding environments. Made from 100% flame-retardant cotton, it's suitable for anyone working near welding operations.

- Black & red flame-retardant fabric, 305 g/m².
- Two external waist pockets and one chest pocket on the left, all secured with Velcro.
- Knee-length design for extended coverage.
- Perfect for light-duty welding and general workshop supervision.
- Sleeve tightening snap button.
- Collar fastened with velcro.
- Black Kevlar thread (Aramid fabric).
- Machine Washable 40°.



Customise your welding jacket thanks to the removable velcro band

Item Number

Size L

W3112-L-CE

**PERSONAL PROTECTIVE EQUIPMENT
REGULATION 2016/425 (UE)**

EN ISO 11611:2015 Class 1/A1+A2

BLACK WELDING TROUSERS – FLAME RETARDANT COTTON

Designed for practicality and comfort, these welding trousers are made from 305 g/m² flame-retardant cotton fabric in a striking black and red color combination.

- Reinforced Knee Protection.
- Velcro-Fastened Back Pocket on the left side.
- Stitched with Black Kevlar Thread (Aramid).
- Machine Washable at 40°C.



Item Number

Size M

WP10570-M

Size L

WP10570-L

Size XL

WP10570-XL

Size 2XL

WP10570-2XL

**PERSONAL PROTECTIVE EQUIPMENT
REGULATION 2016/425 (UE)**

EN ISO 11611:2015 Class 1/A1+A2



WELDING HOOD FR

- Head and neck cover.
- Black & Red flame retardant fabric 305 g/m².
- Width: 30 cm.
- One size fits all.
- Stitched with Black Kevlar Thread (Aramid).
- Machine Washable at 40°C.

Item Number

All size **W2995-ALL-CE**



**PERSONAL PROTECTIVE EQUIPMENT
REGULATION 2016/425 (UE)**
EN ISO 11611:2015 Class 1/A1+A2

WELDING DOO RAG FR

- 100% Flame Retardant Material.
- Offers an athletic mesh lining that allows sweat to quickly evaporate.
- Machine Washable.
- One Size Fits All.

Item Number

All size **K2993-ALL**



**PERSONAL PROTECTIVE
EQUIPMENT REGULATION 2016/425 (UE)**
EN ISO 11611:2015 Class 1/A1+A2

WELDING BEANIE FR

- 100% Flame Retardant Material.
- Machine Washable.
- One Size Fits All.

Item Number

All size **K2994-ALL-CE**



**PERSONAL PROTECTIVE
EQUIPMENT REGULATION 2016/425 (UE)**
EN ISO 11611:2015 Class 1/A1+A2



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CERASKIN

CERASKIN

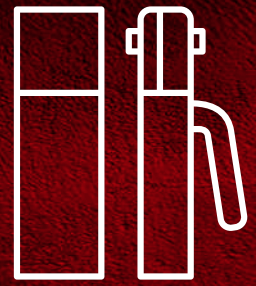
FLUXO P125
PENETRANT

THERMISHIELD

THERMISHIELD

THERMISHIELD

CERASKIN



WELDING ACCESSORIES





SPRAYS

ANTI-SPATTERS

CERASKIN

- Ceramic coating.
- Exceptionally fast drying, long lasting and durable coating.
- The ceramic base makes a barrier and prevents weld spatter adhering to welding equipment and welded parts.
- Guarantees eight consecutive hours of welding work (a full working day), without any extra applications of the product.



Item Number

W000277679

SPRAYMIG SVB

- Silicone free.
- Compatible with paint.
- Use on cold parts.
- Use on nozzles and outside contact tips only.



Item Number

W000011092

SPRAYMIG H₂O

- Water based and odourless.
- No influence on porosity and cold cracks.
- No influence of the content of diffusible hydrogen in the weld metal.
- Soluble and silicone free.
- Biodegradable.
- Allows parts to be lacquered.



Item Number

Spray (400 ml)	W000010001
Drum (20 litres)	W000011074

NETMIG

- Protects nozzles and contact tips from spatters by immersion.
- Silicone and solvent free.
- Odourless.



Item Number

W000011071

SPRAYMIG SIB

Basic silicone Welding Anti-spatter spray.

- Lubricant.
- Water repellent.
- Sliding agent.
- Protects rubber.
- Antistatic.
- Polish.



Specifications:

- SPRAYMIG SIB is a preventive maintenance product for MIG/MAG torches.
- To be used on cold parts only, do not use on threads or inside contact tips (as the product is electrically insulating).
- Volume: 400 ml (net) - 520 ml (nominal).
- Propellant gas: aliphatic hydrocarbons.
- Base: silicone and isoparaffinic solvent.
- Product to replace SVD with an identical result.

Item Number

Spray (400 ml) W000011093

CRACKS DETECTION

FLUXO S190 – CLEANER

Cleans the workpiece and removes excessive penetrant.

- Propellant: butane / propane.
- Volume : 500 ml (net) – 650 ml (nominal).



Item Number

W000374827

FLUXO P125 – PENETRANT

Type II – level 2 – Method AC. non-destructive testing.

- Propellant: butane / propane.
- Volume : 500 ml (net) – 650 ml (nominal).



Item Number

W000374825

FLUXO R175 – DEVELOPER

Detection of cracks and surface faults.

- Propellant: butane / propane.
- Volume : 500 ml (net) – 650 ml (nominal).



Item Number

W000374826

ANTI-CORROSION

GALVASPRAY

- Protection of welded joints.
- Allows welded parts to be lacquered.



Item Number

volume : 500 ml (nominal) W000011094

HEAT PROTECTION

THERMISHIELD

- Designed to stop heat from travelling through most metals during welding, brazing or soldering.
- Prevents metal and plastic distortion caused by the heat of the welding torch.
- Volume: 500 ml.



EN3552-2, ASME, RCCM (NUCLEAR)*

*For FLUXO and ARDROX



SCREW TYPE

STUBBY 400



MASTER 500



VESTALE 500



CURVA 400 / 600



	STUBBY 400	MASTER 500	VESTALE 500	CURVA 400	CURVA 600
Item Number	W000010036	W000010037	W000010038	W000010573	W000010574
Amperage (A)	400 at 35%	500 at 35%	500 at 35%	400 at 35%	600 at 35%
Cable Ø (mm)	50 max.	95 max.	95 max.	50 max.	95 max.
Electrode Ø (mm)	6.3 max.	8.0 max.	6.3 max.	6.3 max.	8.0 max.
Weight	460 g	530 g	470 g	540 g	720 g

LEVER TYPE CLOSED HEAD

SEGURA 300 / 400 / 600



COBRA 300



OPTIMUS 300 / 400 / 500



	SEGURA 300	SEGURA 400	SEGURA 600	COBRA 300	OPTIMUS 300	OPTIMUS 400	OPTIMUS 500
Item Number	W000010570	W000010571	W000010572	W000010039	W000010410	W000010411	W000010412
Amperage (A)	300 at 35%	400 at 35%	500 at 35%	300 at 35%	300 at 35%	400 at 35%	500 at 35%
Cable Ø (mm)	35 max.	50 max.	70 max.	35 max.	35 max.	50 max.	70 max.
Electrode Ø (mm)	4.0 max.	5.0 max.	8.0 max.	4.0 max.	4.0 max.	5.0 max.	6.3 max.
Weight	415 g	570 g	590 g	400 g	415 g	570 g	590 g

LEVER TYPE OPENED HEAD

CAÏMAN 200 / 400 / 600



CAÏMY 200



	CAÏMAN 200	CAÏMAN 400	CAÏMAN 600
Item Number	W000010567	W000010568	W000010569
Amperage (A)	200 at 35%	400 at 35%	600 at 35%
Cable Ø (mm)	25 max.	50 max.	95 max.
Electrode Ø (mm)	3.2 max.	6.3 max.	10 max.
Weight	370 g	425 g	500 g

HOBBY AND LIGH-DUTY

	CAÏMY 200
Item Number	W000010576
Amperage	200 at 35%
Cable Ø (mm)	25 max.
Electrode Ø (mm)	3.2 max.
Weight	220 g



GOUGING ELECTRODES

- First class metal removal rates.
- Removing defective welds, preparing joints for welding, severing, pad washing, bevelling.
- 17 separate models ranging from 4 x 305 to 19 x 430.
- More consistent melting rate results in uniform, smooth grooves.
- Dense copper coating improves arc stability.
- High mechanical strength for improved durability.
- Constant quality for a safe process.



APPLICATIONS
Removing defective welds, preparing joints for welding, severing, pad washing, bevelling

CARBONAIR

Pointed electrodes

Versatile, multi-purpose, round, gouging electrodes (most popular type).

Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I min [A]	I max [A]	Air pres sure (bars)	Airflow (m ³ /h)	Item Number
4 x 305	100	0.75	150	200	5.0	10	W000010645
5 x 305	100	1.16	200	300	5.0	10	W000010443
6.4 x 305	50	0.94	300	400	6.0	10.5	W000010444
8 x 305	50	1.40	450	550	7.0	12	W000010445
10 x 305	50	1.92	600	700	8.0	13	W000010446
13 x 305	50	3.41	900	1100	9.0	14	W000010447



Flat electrodes

Rectangular shape for close tolerance metal removal and/or rectangular grooves production.

Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I min [A]	I max [A]	Air pres sure (bars)	Airflow (m ³ /h)	Item Number
5 x 15 x 305	50	2.15	500	600	8.0	13	W202010453
5 x 18 x 355	25	1.70	600	750	8.0	13	W202010454



Hollow electrodes

Round electrode with hollow core allows for faster travel speed without sacrificing groove depth.

Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I min [A]	I max [A]	Air pres sure (bars)	Airflow (m ³ /h)	Item Number
5 x 305	100	1.05	200	300	5.0	10	W202010455
8 x 305	50	1.34	450	550	7.0	12	W202010456
9.5 x 305	50	2.06	500	700	7.0	12	W202010457
12.7 x 305	50	3.35	850	1100	8.0	13	W202010458



CARBONAIR PLUS

Jointed electrodes

Round electrodes with male and female connections to eliminate stub loss. Applicable in medium and heavy duty metal cutting. This process requires MMA direct current (DC) power source, a gouging torch and compressed air source.

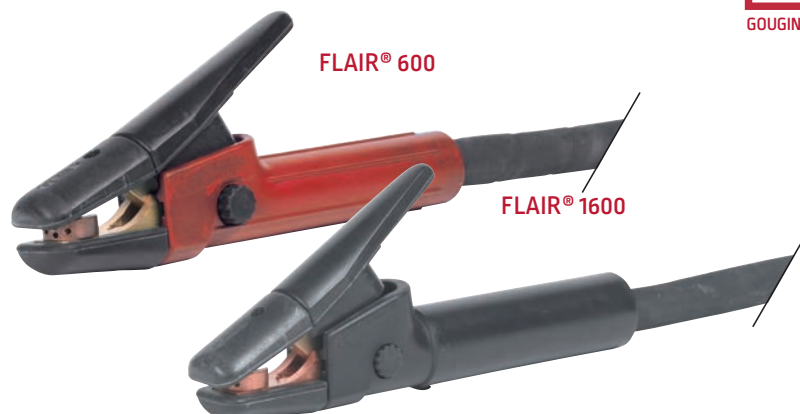
Diameter x length (mm)	Quantity per box	Gross weight per box (kg)	I min [A]	I max [A]	Air pres sure (bars)	Airflow (m ³ /h)	Item Number
8 x 355	50	1.71	400	500	7.0	12	W000010448
10 x 430	50	3.07	700	850	8.0	13	W000010449
13 x 430	50	5.09	1000	1200	9.0	14	W000010450
16 x 430	25	3.87	1300	1500	10.0	16	W000010451
19 x 430	25	5.30	1500	1700	10.0	16	W000010452





FLAIR® 600 / 1600

- 360° Rotating Torch Head allows full rotation on the monocable for unrestricted movement and enhanced maneuverability.
- Smooth, accurately finished inner body ensures optimal airflow, improved cooling, and extended torch lifespan.
- Extruded (non-cast) body and nozzle provide superior electrical conduction, reduced heat buildup, and increased durability.
- Thicker, heat-resistant insulation improves safety, comfort, and overall productivity.
- Flexible 2.5-meter monocable supports more comfortable and efficient working conditions.
- Integrated airflow control on the torch allows for precise regulation during operation.



	FLAIR® 600	FLAIR® 1600
Item Number	W000010136	W000010118
Output Power	600A@60%	1600A@60%
Open arc voltage		> 60 VDC
Required Voltage		35-56 VDC
Compressed air	400-900 l/min @ 5-7 bar	
Electrode diam. max.	10 mm	19 mm

MMA KITS



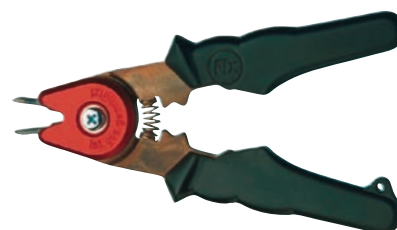
	Kit 25C25	Kit 25C25+	Kit 35C50	Kit 50C50	Kit 50C50+
Item Number	W000011138	W000260683	W000011139	W000260681	W000260682
I max	200 at 35%	300 at 35%	300 at 35%	300 at 35%	400 at 35%
Electrode holder	CAIMAN 200	SEGURA 300	SEGURA 300	SEGURA 400	SEGURA 600
Cable length	3 m	3 m	4 m	4 m	4 m
Earth clamp	HIPPO 200	HIPPO 400	HIPPO 400	HIPPO 400	HIPPO 600
Cable length	3 m	2 m	4 m	4 m	4 m
Plug diameter	9 mm	9 mm	13 mm	13 mm	13 mm

MIG PLIERS (ORIGINAL FIX®)

Useful to:

- Cut the wire.
- Clean the nozzles.
- Unscrew the tips.
- Unscrew the nozzles.

Ø NOZZLE 12-15 mm	Ø NOZZLE 15-18 mm
W000010453	W000010454





CERAMIC BACKINGS

WHY WE NEED CERAMIC BACKINGS?

Ceramic backings enhance weld strength, efficiency, and safety while cutting costs, making them vital for high-performance welding. Achieving a flawless root pass with an open root demands precise preparation, welding in short arc at low parameters, and experienced welders, though it is time-consuming.



Improved Weld Quality



- **Higher Deposition Rate:** Boosts initial pass efficiency.
- **Defect Reduction:** Minimizes porosity; supports uniform, high-quality welds.
- **Looser Tolerances:** Chamfering and gap preparation can be less precise.
- **Gap Flexibility:** Ideal gap: 4–5 mm; >5 mm acceptable, <2 mm may weaken joint.
- **Easier Control:** Enhances puddle stability, reduces welder effort.

Increased Efficiency & Cost Savings



- **Better Weld Quality:** Fewer defects, higher consistency.
- **Faster Welding:** No need to flip the workpiece.
- **No Back Gouging:** Saves time and material costs, stability, reduces welder effort.
- **Adaptability:** Compensates for edge prep variations.

MILD STEEL

STAINLESS STEEL





ALUMINIUM

NICKEL ALLOYS

KERALINE Serie	Dimensions (mm)	3D diagram	Application	Process
CYLINDRICAL / ROUND TYPE				
TR	 Ø = 6, 7, 8, 9, 12 or 15 mm		Medium to heavy thickness. V- or X-grooves for identical or dissimilar thickness	GMAW, FCAW, SMAW
FLAT WITH ROUNDED CONCAVE GROOVE				
ON ALUMINIUM TAPE	TA	 x = 6, 9 or 13 mm		Medium to heavy thickness Metal cored or solid wire without slag
	TF	 x = 6, 9 or 13 mm		Same thickness, medium or thick Cored wire with slag, MIG MAG, V-bevel
	TJ	 α = 90°		Full Penetration
CIRCULAR CERAMIC BACKINGS				
RAD				
FLAT WITH ROUNDED CONCAVE GROOVE				
ON METALLIC SUPPORT	TM	 x = 13 or 18 mm		



SELECTION OF KERLINE TYPE

Model	Size*	Item Number	Packaging			 STICK	 TIG	 MIG/MAG	 SAW
			Piece	Pieces / bag	Bags /carton				
KERALINE TA 1	x = 6 mm	W000010391	600 mm	10 (6 meters)	6 (36 meters)	-	•	•	-
KERALINE TA 2	x = 9 mm	W000010392				-	•	•	-
KERALINE TA 3	x = 13 mm	W000010393				•	-	•	-
KERALINE TF 1	x = 6 mm	W000010394	600 mm	10 (6 meters)	6 (36 meters)	-	•	•	-
KERALINE TF 2	x = 9 mm	W000010395				-	•	•	-
KERALINE TF 3	x = 13 mm	W000010396				•	-	•	-
KERALINE TR 1	Ø 6 mm	W000010397	600 mm	50 (30 meters)	5 (150 meters)	•	-	•	-
KERALINE TR 2	Ø 7 mm	W000010398				•	-	•	-
KERALINE TR 3	Ø 8 mm	W000010399	600 mm	20 (12 meters)	8 (96 meters)	•	-	•	-
KERALINE TR 4	Ø 9 mm	W000010400	600 mm	20 (12 meters)	7 (84 meters)	•	-	•	-
KERALINE TR 5	Ø 12 mm	W000010401	600 mm	20 (12 meters)	5 (96 meters)	•	-	•	-
KERALINE TR 6	Ø 15 mm	W000010402	600 mm	15 (9 meters)	5 (45 meters)	•	-	•	-
KERALINE TM 1	x = 13 mm	W000010403	600 mm	10 (6 meters)	7 (42 meters)	•	•	•	•
KERALINE TM 2	x =19 mm	W000010404	600 mm	9 (5,4 meters)	5 (27 meters)	•	•	•	•
KERALINE TJ10 T (Full penetration)		W000262368	600 mm	10 (6 meters)	6 (36 meters)				
SET RAD 150		W000275493	16 per Circle	18 Circles/carton (18 meters)					
SET RAD 200		W000275532	4 per Segment	20 Segments / SET 12 Sets/carton (12 meters)					
SET RAD 100		W000404095	12 per Circle	22 Circles/carton (22 meters)					

* see dimensional drawings in the table below

KERALINE Tests Result

- **Push Test (Standard NF EN ISO 29862):** Validates adhesion performance under diverse conditions.
- **Refractivity:** Capable of enduring high thermal environments.
- **Low Moisture Absorption:** Prevents hydrogen-induced cracking.
- **High Melting Point:** Suitable for extreme welding temperatures.
- **Weldability:** Compatible with various welding positions and base materials.
- **Adhesive Capacity:** Robust support without contamination.
- **Glue Residuals:** Ensures no residual adhesive remains
- **Safety:** Free from harmful fumes, odors, or irritants.
- **X-Ray Soundness:** Facilitates detection of internal imperfections.
- **Weld Quality:** Ensures smooth and strong welds.
- **Gap Flexibility:** Accommodates various gap sizes.

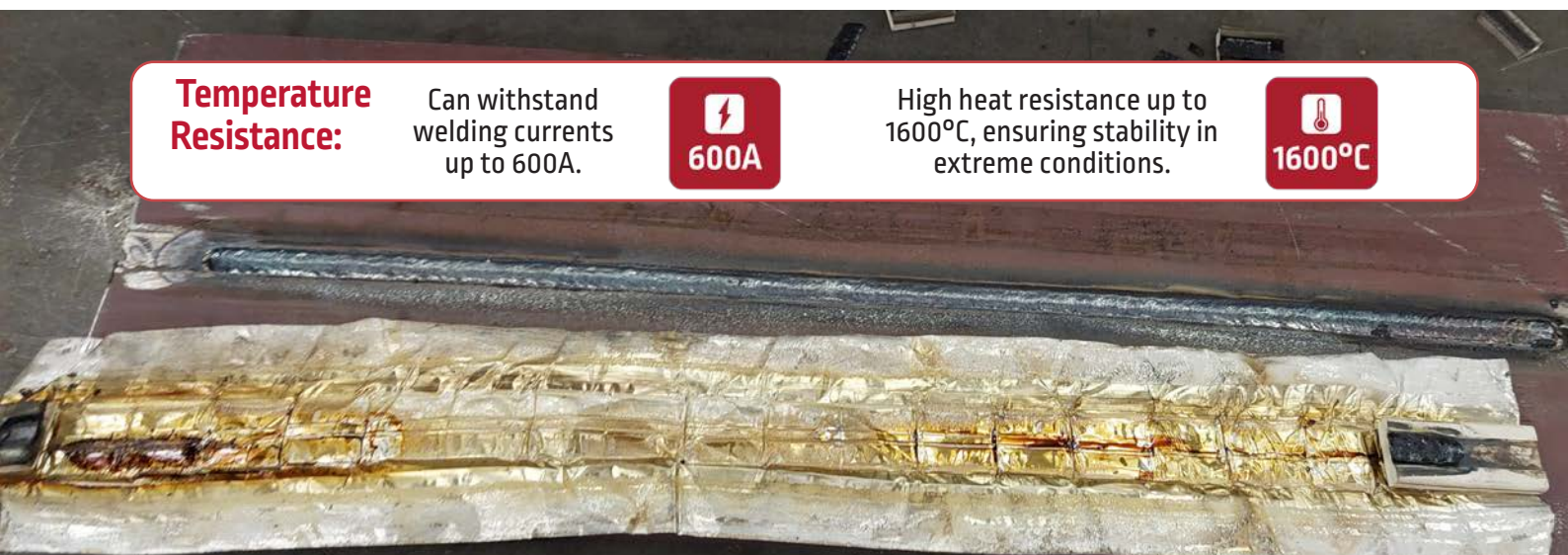


Temperature Resistance:

Can withstand welding currents up to 600A.



High heat resistance up to 1600°C, ensuring stability in extreme conditions.





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LINCOLN
ELECTRIC

ACCESSORIES

MORE COMFORT & SAFETY FOR WELDERS

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