PRODUCT CATALOGUE
2025/26



WELDING & CUTTING EQUIPMENT

www.lincolnelectric.eu

LINCOLN ELECTRIC

BUILD A BETTER WORD

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



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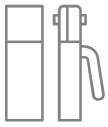
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USING THIS CATALOGUE

1

MULTI PROCESS INVERTER

YARDTEC® 300C STANDARD

2

Weld where others can't

3

4

INPUT: 3 PHASE, 50/60 Hz
OUTPUT: CC CV, DC, S200, SYN SYNERGIC SETTINGS

5

APPLICATIONS

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

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

10 NEW



11

12 LINCOLN ELECTRIC 3 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION

13

MIG/MAG
FCAW
LIFT TIG
STICK
GOUGING (≤ 4 mm)

7



14

MILD STEEL | STAINLESS STEEL | ALUMINIUM

15

- 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:
LINCGUN® PROMIG™ 270
4m – **W000345061-2**

LGS3-360G
4m – **W10430-36-4M**



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

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



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		

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 ingnition
- 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
- Dedicated processes like SSA, HPS, SSP
- Grinding
- Fabrication Works

WARRANTY

- 1 YEAR WARRANTY
- 2 YEAR WARRANTY
- 3 YEAR WARRANTY
- 5 YEAR WARRANTY
- INDUSTRY LEADING 5-YEAR STANDARD WARRANTY
- INDUSTRY LEADING 5-YEAR WARRANTY AFTER REGISTRATION
- 3/5 YEAR WARRANTY

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


LF52D
LF56D
LINCOLN ELECTRIC
POWERTEC
i350S
i420S
SPEEDTEC
SPEEDTEC 400 SP
SPEEDTEC 500 SP

MIG & MULTI PROCESS INVERTER WELDERS



MIG & MULTI PROCESS INVERTER WELDERS

PRODUCT	ITEM NUMBER	INPUT: Phase (50-60 Hz)	INPUT: Voltage (V)	OUTPUT: Rated Output	OUTPUT: Current Range (A)	OUTPUT: Mode	OUTPUT: Polarity	PROCESS: GMAW	PROCESS: PULSE	PROCESS: FCAW-G	PROCESS: FCAW-S	PROCESS: SMAW	PROCESS: CAG (Gouging)	PROCESS: DC TIG Lift	FEATURES: Wire Drive System	FEATURES: Max wire spool size (mm)	FEATURES: Synergic	FEATURES: V/A meters	FEATURES: CrossLinc	FEATURES: ArcLink® Digital Communication	FEATURES: 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 mm², 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 mm², 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 mm², 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 mm², 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 mm², 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 mm², 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 mm², 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 mm², 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:

LGS3-250G
4m – **W10430-25-4M**
LGS3-240G
4m – **W10430-24-4M**
LGS3-360G
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 103-105).

POWERTEC®
i250C, i320C, i380C, i450C

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

INPUT: 3 PHASE · 50/60 Hz · OUTPUT: DC · CC CV · SYN SYNERGIC SETTINGS · S300 (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

LINCGUN® PROMIG™ SERIES

AIR COOLED:
LINCGUN® PROMIG™ 270
4m – **W000345061-2**
LINCGUN® PROMIG™ 300
4m – **W000345067-2**
LINCGUN® PROMIG™ 400
4m – **W000345073-2**

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



More details, see section "MIG GUNS" (pages 103-10).

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



POWERTEC®
i250C, i320C, i380C, i450C

READY PACK

Available in ready-packs



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**)



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**)



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**)



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 INVERTER

POWERTEC® i350S, i420S & i500S

High output, reliable industrial machines

INPUT 3 PHASE · 50/60 Hz · OUPUT CC CV · DC · SYN SYNERGIC SETTINGS



LINCOLN ELECTRIC 3 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION

MIG/MAG · FCAW · INNERSHIELD · STICK · GOUGING

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		32A	420A@100%	20-420			78		
Powertec® i500S	K14185-1			500A@60% 420A@100%	20-500			79		

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

INPUT 40 VDC · OUPUT S300 (LF-52D/LF-56D) · S200 (LF-5D) · 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		
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





INPUT





OUPUT





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 mm², 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 mm², 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 mm², 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 mm², 5/5Pins) **(K14199-PGW-10M)**, Coolarc-26 **(K14182-1)**

RECOMMENDED OPTIONS FOR POWERTEC® i350S/i420S/i500S

MIG/MAG GUNS

LINCGUN® PROMIG™ SERIES
WATER COOLED:
LINCGUN® PROMIG™ 330W
4m – **W000345064-2**
LINCGUN® 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 103-105).

MULTI PROCESS INVERTER

SPEEDTEC® 200C

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

INPUT

1 PHASE | 50/60 Hz | 230V | 115V | PFC

OUTPUT

CC CV | DC | S200 | SYN SYNERGIC SETTINGS



LINCOLN ELECTRIC 2 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION

MIG/MAG
FCAW
INNERSHIELD
LIFT TIG
STICK

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	17.3	396 x 246 x 527	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 103-105).

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)



LINCOLN ELECTRIC 3 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION

MIG/MAG
FCAW
INNERSHIELD
LIFT TIG
STICK



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 103-105).

SPEEDTEC® 400SP & 500SP

High output, reliable industrial machines.

INPUT OUPUT



INDUSTRY LEADING 5-YEAR WARRANTY AFTER REGISTRATION



MIG/MAG PULSE
MIG/MAG
FCAW
INNERSHIELD
LIFT TIG
STICK
GOUGING
SPECIAL PROCESSES
SSA, HPS, SSP

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)

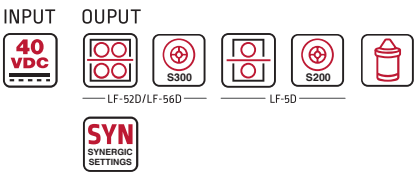
MILD STEEL | STAINLESS STEEL | ALUMINIUM

- 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 OUPUT



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 OUPUT

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 mm², 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 mm², 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 mm², 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 mm², 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**



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



LINCGUN® PROMIG™ 500W UD
4m – **W100000298**



Drive rolls
KP14150-X



Cooling liquid for torches Freezcool
W000010167



More details, see section "MIG GUNS" (pages 103-105).

YARDTEC® 300C STANDARD

Weld where others can't

NEW



LINCOLN ELECTRIC 3 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION

INPUT

3 PHASE | 50/60 Hz

OUTPUT

CC CV | DC | S200 | VRD | SYN SYNERGIC SETTINGS

MIG/MAG
FCAW
INNERSHIELD
LIFT TIG
STICK
GOUGING (≤4 mm)

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



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:
LINCGUN® PROMIG™ 270
4m – **W000345061-2**

LGS3-360G
4m – **W10430-36-4M**



More details, see section "MIG GUNS" (pages 103-105).

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



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



STICK · FCAW · TIG · INNERSHIELD · MIG/MAG · GOUGING · MIG/MAG PULSE · STT Field (only with Activ8X Pipe)

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	37.1	432 x 330 x 609	IP23

WIRE FEEDERS

WITH CROSSLINC® TECHNOLOGY

LN-25X®
K4267-4



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

Activ8X®
K3519-1



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

Activ8X® Pipe™
K5240-1



- Features **STT Field** and **Pulse** waveform outputs

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	Powertec® 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






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	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



Product	3m	4m	5m	Quickmig® 250 & 300	Powertec® i250C, i320C, i380C, i450C	Powertec® i350S, i420S & i500S	Speedtec® 200C, 215C	Speedtec® 400SP & 500SP	Yardtec® 300C Standard	LF-52D/56D Standard (GFR)	LF-52D/56D
MIG/MAG GUNS LINCGUN® 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 LINCGUN® 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

		INPUT		OUTPUT				PROCESS													FEATURES						
PRODUCT	REFERENCE	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	•	•	•	•	•		•	•	•		•			•	300	•	•	•	•	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

INPUT: 3 PHASE; 50/60 Hz
OUPUT: CC CV; AC DC



MIG/MAG
FCAW
TIG
STICK
GOUGING

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 adaptor kit **K4898-1**



POWER WAVE® S500

All Applications. All Industries. All Processes.

INDUSTRY LEADING 5-YEAR STANDARD WARRANTY

INPUT: 3 PHASE, 50/60 Hz
OUTPUT: CC CV, DC



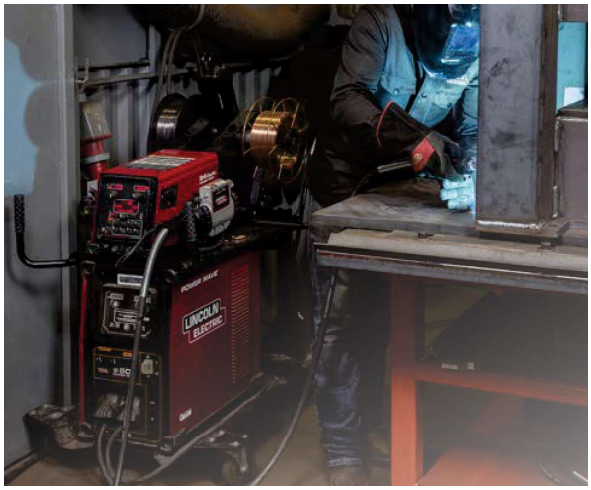
MIG/MAG · STICK · MIG/MAG PULSE · GOUGING · FCAW · HYPERFILL · TIG

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 (3100211)



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	230/400/460/575V 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

LINCOLN ELECTRIC 3 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION

INPUT: 40 VDC
OUTPUT: CC CV, SYN SYNERGIC SETTINGS, S300





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

POWER WAVE® S700

High output power for automated environments.

INPUT: 3 PHASE, 50/60 Hz
OUTPUT: CC CV, DC

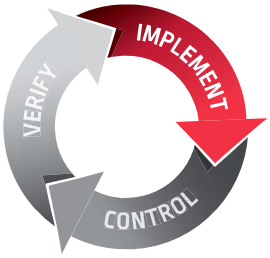
INDUSTRY LEADING **5-YEAR STANDARD WARRANTY**



MIG/MAG · STICK · MIG/MAG PULSE · GOUGING · FCAW · HYPERFILL · TIG · HDT

APPLICATIONS

- HEAVY INDUSTRY





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	380-415/440-460/500/575V	55/46/42/38	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



POWER WAVE® R450

Industry's most capable 450A robotic power source.

INPUT: 3 PHASE, 50/60 Hz

OUPUT: CC CV, DC

INDUSTRY LEADING 5-YEAR STANDARD WARRANTY

MIG/MAG, FCAW, MIG/MAG PULSE, HYPERFILL, TIG

APPLICATIONS

- AUTOMOTIVE
- GENERAL INDUSTRY
- HEAVY INDUSTRY





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	230/380/415/460/575V 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

LINCOLN ELECTRIC 3 YEAR WARRANTY Parts & Labour PERFORMANCE PLUS PROTECTION

INPUT: 40 VDC

OUPUT





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, water cooler, control cables, wire feeder and torch type, as well as the consumables. Finally, the configurator will recommend a suitable welding process for the job.

WIRE



WIRE FEEDER



WELDING TORCH



MOUNTING BRACKET



DRESS-OUT KIT



POWER SOURCE



WATER COOLER



STT / ADVANCED MODULE



WORK CABLE



It's definitely worth a look.

POWER WAVE® ADVANCED MODULE

Expand your welding capabilities.

INDUSTRY LEADING 5-YEAR STANDARD WARRANTY

MIG/MAG TIG

INPUT

40 VDC

OUPUT

CC CV | AC DC | STT

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



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 (V)	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.

INDUSTRY LEADING 5-YEAR STANDARD WARRANTY

MIG/MAG

INPUT

40 VDC

OUTPUT

DC | STT

Unit Includes

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



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 (V)	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: 3 PHASE; 50/60 Hz
OUPUT: CC CV; AC DC



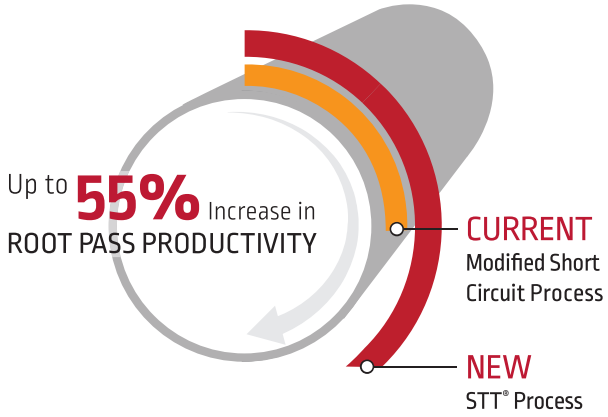
MIG/MAG
MIG/MAG PULSE
FCAW
TIG
STICK

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



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**



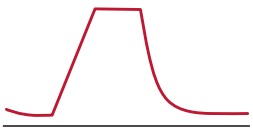
More details, see section "MIG GUNS" (pages 103-105).

ADVANCED PROCESSES

STEEL & STAINLESS STEEL

HyperFill®

Bigger welds – faster, easier.

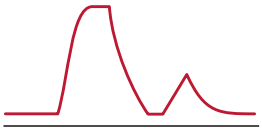


- Higher deposition rate. On average, usable deposition rates increase up to 50% while maintaining process ease-of-use.
- Easy molten puddle control.
- Comfortable for the welder.
- Large beads achievable.

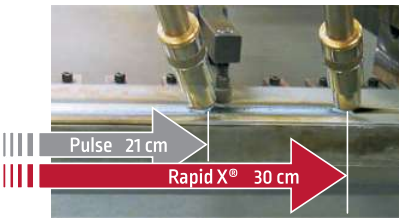


Rapid X®

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

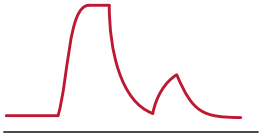


- Revolutionises the productivity of welding.
- Increases travel speeds by 40%.
- Reduces spatter by 30%.

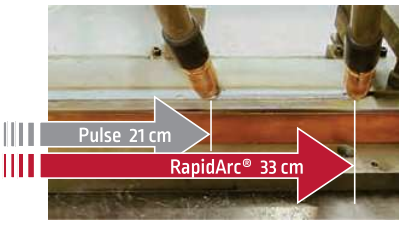


RapidArc®

Maximising weld travel speeds.



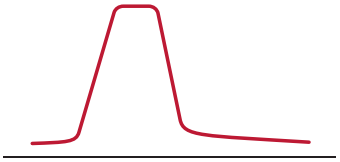
- Industry's premier waveform for high-speed welding.
- Travel speeds increased by 50%.
- Spatter reduced by 15%.



STEEL & STAINLESS STEEL

Precision Pulse™

Pulse performance for jobs demanding flexibility.

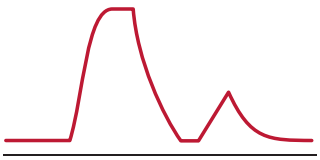


- Improved out-of-position welds.
- Enhanced puddle control for improved operator confidence.
- Controlled heat input.
- Improved welds in tight joints.

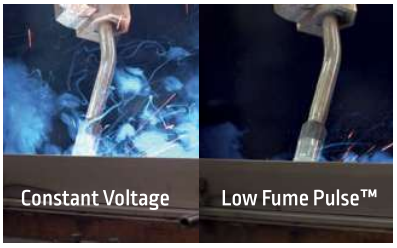


Low Fume Pulse™

Better weld and work environment.

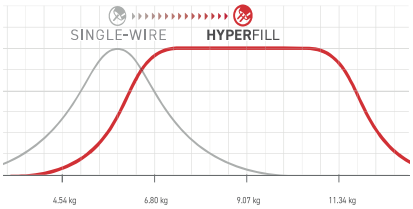


- Maximising operator appeal and arc forgiveness.
- Reduction in fume generation by up to 66% compared to CV.
- Excellent arc stability.
- Extremely low spatter generation.



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.



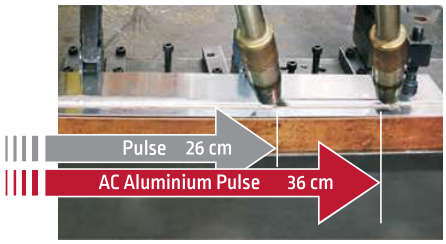
ALUMINIUM

AC Aluminium Pulse

Improved aluminium productivity and quality.

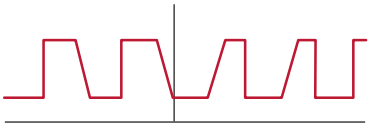
ULTIMARC® CONTROL

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



Pulse-on-Pulse®

TIG appearance – MIG productivity.



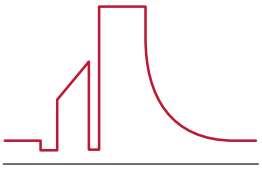
- Revolutionises the productivity of welding.
- Increases travel speeds by 40%.
- Reduces spatter by 30%.



STEEL, STAINLESS & NICKEL

STT®

Industry proven root pass solution.



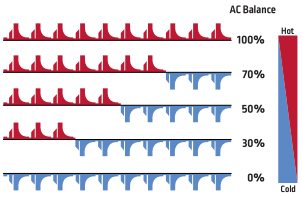
- Simplifies open root welding for any operator skill level.
- Eliminates common burn-through & lack of fusion issues.
- Delivers larger bead, flat face, perfect back bead and excellent fusion.



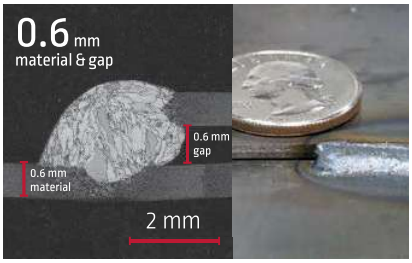
STEEL

AC-STT™

Industry's superior thin gauge solution.



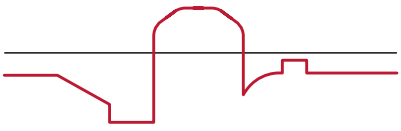
- Improved out-of-position welds.
- Enhanced puddle control for improved operator confidence.
- Controlled heat input.
- Improved welds in tight joints.



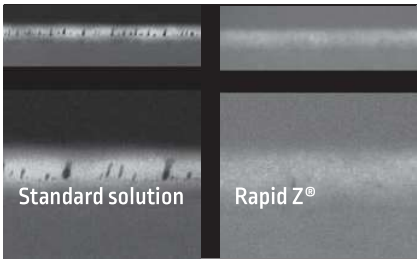
COATED STEEL

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

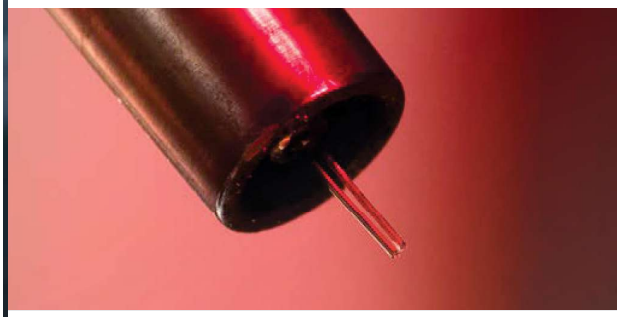
HYPERFILL® READY PAK SINGLE & DUAL CE

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 seperately. 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
			K14209-2	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	K14051-1	✓	✓
4	Magnum PRO WC 1mm one pak	K4651-040	✓	✓
5	HyperFill Dual Reel stand	K14207-1	✓	✓
6	Inverter and Wire Feeder Cart	K3059-4	✓	✓
	Gateway Pendant Kit	K4997-1(2)	✓	✓
	Freezcool coolant 9,6L	W000101167	✓	✓
	Work Lead Package	GRD-600-95-5M	✓	✓

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 consitution 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 3 PHASE 50/60 Hz

OUPUT CC CV DC



MIG/MAG

MIG/MAG PULSE

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

