

MULTI-PROCESS INVERTER WITH PULSE MODE

SPEEDTEC® 320CP



Robust and reliable industrial multi-process compact Inverter with pulse mode

SPEEDTEC® 320CP utilises the very latest power source technology for efficiency and lower energy consumption. A lot of options are available to make the welder tasks easier. A wide range of synergic programs are available as standard allowing simple yet precise control of welding parameters for the best results every time. Pulsed MIG process is great for low spatter, low heat input and out-of-position applications – makes any operator a better welder!

Why Speedtec® 320CP ?

User friendly control panel

- Easy settings and process selection

Technological Advanced

- 99 programs, call programs with trigger, welding cycle sequencer

Ready for the heaviest industrial conditions

- Developed and tested under the hardest conditions to give you the reliability you need

Synergic mode

- More than 100 synergic programs are available for precise control of welding parameters

Modular concept

- To meet all user requirements

Processes

MIG, FCAW, Stick, Lift TIG

Applications

- metallic construction (on site and in workshop)
- workshop and yard maintenance

Output



Input



Product Number

K14168-1



THE LINCOLN ELECTRIC GREEN INITIATIVE

Inverter Technology
reduces energy demand

www.lincolnelectric.com/green

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LINCOLN
ELECTRIC
THE WELDING EXPERTS®

SPECIFICATIONS

Product Number	Primary Voltage (50-60Hz)	Current Range (A)	Rated Output	I _{IEFF}	Weight (kg)	Dimensions WxLxD (mm)	Protection Class	Warranty
K14168-1	400/3Ph +/- 20%	15-320	320A@40% 280A@60% 220A@100%	18.7	37	743 x 335 x 534	IP23	3 years

EASY SYNERGIC INTERFACE

User friendly complete synergic panel which includes the possibility to weld steel, stainless steel and even aluminium with the Pulse current.



- 1 Voltage Display
- 2 Voltage Adjusting
- 3 Process Selection:
 - Coated electrode · Flat current · Speed short arc · Pulse
- 4 Gas Selection
- 5 Selected Parameters Display
- 6 Selection and adjusting of parameters:
 - Welding current · Wire speed · Thickness
- 7 Wire Diameter Selection
- 8 Base Material Selection

SEQUENCER MODE

A special welding cycle that swaps two different wire speeds

Advantages:

- Giving perfect bead aspect three times faster than TIG welding
- Less distortion on thin plate
- Low heat input for good mechanical structure and characteristics



OPTIONS AND ACCESSORIES

Description	Product Number
Remote control	W000275904
Aluminium kit 1.0-1.2mm	W000277622
COOLARC-46	K14105-1
Powercraft® 360G (4m)	KA36040
Powercraft® 500W (4m) water cooled	KA50140



COOLARC-46

CUSTOMER ASSISTANCE POLICY

Lincoln Electric® business is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric® for advice or information about their use of our products. We respond to our customers based on the best information in our possession at that time. Lincoln Electric® is not in a position to warrant or guarantee such advice and to the extent permitted by law assumes no liability, with respect to such information or advice. As a matter of practical consideration, we also cannot assume any responsibility for updating or correcting any such information or advice once it has been given. The provision of information or advice does not create, expand or alter this warranty. Lincoln Electric® is a responsive manufacturer, but the selection and use of specific products sold by Lincoln Electric® is solely within the control of, and remains the sole responsibility of the customer. Many variables beyond the control of Lincoln Electric® affect the results obtained in applying this type of fabrication methods and service requirements.

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