

# POWERPLUS™ II 500 Ready-to-weld™

## More Power. Greater Productivity.

Designed to meet the most rigorous demands, the POWERPLUS™ II 500 is three phase MIG machine that has a huge 60–550 Amp output range with impressive duty cycle capabilities for maximum productivity. Included in the package is the PWF-4GS Wire Feeder, making this a powerful workhorse with maximum flexibility.

Delivering exceptional welding characteristics, standard features include infinitely variable voltage selection allowing operators to dial in the exact weld setting required, 2T/4T switch which is ideal for long runs, as well as gas purge and cold wire feeding. Voltage and wire feed controls are conveniently located on the wire feeder. The POWERPLUS™ also offers advanced features including gas pre-flow, crater control, burnback and energy saving mode.

With a four-roll drive system, this unit delivers positive traction wire feeding - ideal for softer-cored and aluminium wires – ensuring trouble-free operation. In addition, adjustable burn back, polarity change for gasless wires, and a tool-less wire drive system, make the POWERPLUS™ II 500 very easy to use.

Additional features on the PWF-4GS Wire Feeder include 2 step/4 step trigger lock, gas purge and cold wire inching and is supplied with a factory-fitted, 8-metre interconnection lead.

Applications include light to heavy fabrication, general engineering, sheetmetal, boat building, maintenance and repair with gas-shielded (MIG or Outershield®) and gasless (Innershield®) wires.

The POWERPLUS™ II 500 Ready-to-weld™ package includes Magnum® 400, work return lead, drive roll, flowmeter and 3m input lead and is backed by Lincoln Electric's industry-leading three-year, parts and labour warranty.



## Processes

MIG, Flux-cored

## Advantage Lincoln

- **Wide 60-550 amp welding output**
- **MIG Weld 0.5mm to 8.0mm** sheet metal in a single pass
- **Weld heavier steel** using Lincoln Electric® flux-cored wires
- **Infinitely variable voltage selection**
- **Crater Mode** - allows setting of crater voltage and current
- **Energy Saving Mode** - puts the POWERPLUS™ to sleep if the machine has not been activated for longer than 5 minutes.
- **Outstanding aluminium & stainless performance**, not just mild steel
- **Weld procedure guide**
- **Four drive roll wire feeder** for positive traction to minimise bird-nesting

- **Tool-less design** wire drive system
- **Tough, front-mounted wire drive plate** module reduces torch connection strain
- **2 step/4 step trigger lock**
- **Gas purge and cold wire inching**
- **3-year warranty including parts and labour**

## Description

Output **CV** **DC** Input **3** **50/60**  
PHASE Hz

## Order

K32064-1-AUP POWERPLUS™ II 500 with PWF-4GS wire feeder

## TECHNICAL SPECIFICATIONS

Product Name	Product Number	Output Range (Amps)	Wire Feed Speed	Rated Output Current/Voltage/ Duty Cycle	Wire Sizes	Rated Input to AS60974.1	Dimensions H x W x D mm	Net Weight kg
POWERPLUS™ II 500 including PWF-4GS Wire Feeder	K32064-1-AUP	60-550 amp	1 - 20m/min	500A/39V @ 60% 390A/33.5V @ 100%	Solid 0.6 – 1.6 mm Alum 0.9 – 1.6 mm FCAW 0.9 – 2.0 mm	39.3 amp	1000 x 555 x 1020 (500) 490x350x420 (PWF-4GS)	180 (500) 15 (PWF-4GS)

## A CLOSER LOOK

### READY TO GO

Roll out the machine quickly and easily and get welding in minutes.

FREE Ready-to-weld™ package includes:

- Magnum® Gun
- work return lead
- drive roll
- flowmeter
- 3m primary lead
- 8m control cable and gas hose
- swivel platform



### READY FOR PROFESSIONAL FEATURES

Enclosed Wire Feeder Design: keeps wire clean allowing better welding.

Infinitely Variable Remote Voltage Selection: fine tune to your exact requirements.

Gas Purge: allows for checking gas flow with the ability to purge the gas line.

Cold Wire Inch: allows the wire to be fed without using gas.

Four Drive Roll System: provides more positive wire feeding and prevents bird nesting.



### READY FOR CONVENIENCE AND RELIABILITY

Swivel platform allows for 360 degree rotation of the wire feeder when mounted on the power source.

Comprehensive welding guide takes the guess work out of set up.

Backed by the industry's best 3-year, parts and labour warranty.



### READY FOR SIMPLICITY

Simple, easy-to-use controls – no complicated menu systems.

Roll-on/roll-off cylinder trolley.

No hassle, tool-less design wire drive system that are both 5 and 15 kg spool compatible.

Infinitely variable voltage selection gives greater control of the arc across the welding range.



#### CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® 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 assumes no liability, with respect to such information or advice. We expressly disclaim any warranty of any kind, including any warranty of fitness for any customer's particular purpose, 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, nor does the provision of information or advice create, expand or alter any warranty with respect to the sale of our products.

Lincoln Electric® is a responsible 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 these types of fabrication methods and service requirements.

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