

MIG WELDERS

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.

Advantages

- **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**

Processes

MIG, Flux-cored

Description

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



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.

