



ENGINE-DRIVEN WELDERS

Vantage[®] 580

Powerful. Dependable. Safer.

If you are looking for a rugged, reliable and capable welder for a demanding mining or construction site, a dependable hire fleet or for a quick turnaround repair job, the Vantage 580 has all the power you need and the safety features modern standards demand. New standard features include a battery isolator switch for safer maintenance procedures and a engine stop button to quickly shut the Vantage down in the event of an emergency.

Simple controls and Chopper Technology deliver the low maintenance, long service life, easy operation and great arc performance every owner demands in these environments.

This multi-process powerhouse features 500 amps at 100%, or 525 amps at 60% duty cycle, tested at temperatures up to 40°C. Plenty of AC 240V & 415V auxiliary power – this unit delivers 20,000 watts.

You can depend on legendary engine reliability from Perkins and superior Lincoln arc performance.



Processes

Stick, TIG, MIG, Flux-cored, Gouging

Description



Advantage Lincoln

- Simple to operate
- Select one of five Process Modes, including CC-Stick, CC-Pipe, CC-Gouging, Touch-Start TIG or CV Wire, and then dial in the desired output.
- Optimised CC-Stick mode
- CC-Stick mode is optimised for general purpose and E7018 low hydrogen electrodes.
- Arc control adjustment
- Produces a soft, buttery arc or a more forceful, digging arc to suit your requirements.
- Touch-Start™ DC TIG welding
- Provides easy arc starting that avoids tungsten contamination and the use of high frequency.
- 20kVA of auxiliary power
- Able to power up to three inverter power sources to give you up to four stick electrode welding arcs for higher productivity. 240V and 415V IP66 rated outlets.
- Digital Volt/Amp meters
- Built-in preset function makes it easy to precisely set your procedures.
- Arc gouging
- Arc gouging with up to 13mm carbons.
- New carbon arc gouging waveform delivers improved gouging performance including VRD
- Full instrumentation
- Fuel, oil pressure, engine temperature gauges and hour meter keep you on top of monitoring engine performance.
- Perkins® 404D-22T Turbo diesel engine
- 43 horsepower, liquid-cooled, 4 cylinder Perkins engine, includes automatic engine idler for greater fuel economy and reduced noise.
- VRD Device
- Factory-fitted, built-in voltage reduction device (VRD) offers additional protection for the operator. The VRD operates in the CC mode reducing the OCV to a safer <20 volts, increasing operator safety when welding is performed in environments with increased hazard of electric shock.
- Stainless steel enclosure
- Standard stainless steel roof, side panels and engine access door deliver added protection and durability.
- Lincoln Electric's 3-year, parts and labour warranty

Order

K2963-1

Vantage 580

TECHNICAL SPECIFICATIONS

Model	Output Range	CV Output	AC Aux Power*	Rated Output*	Engine Model	No of Cylinders	HP & Speed (rpm)	Weight Kg	Dimensions H x W x D mm
K2963-1	Continuous Control 30-580 Amps CC/CV Range 15 - 200 Amps Touch Start TIG Range	14-40 volts	20kW Receptacles 2 x 240V, 15A 1 x 415V, 32A	500A, 40V @ 100% 525A, 39V @ 60% 20-250A DC TIG	Perkins® 404D-22T Turbo liquid cooled diesel engine	4	43 @ 1850	586	913 x 642 x 1524

*Suitable for powering 50/60 Hz equipment