

RANGER® 330MP

MULTI-PROCESS WELDER GENERATOR



Shown: Ranger 330MP (K6005-1)

Simple Control. Serious Power.

The Ranger® 330MP™ delivers higher-output multi-process performance with digital meters and EFI/ETB engine for demanding field work. Simple, glove-friendly controls keep operation straightforward so crews can stay focused on the job.

Clear LED meters display preset and actual amps and volts for precise, repeatable weld settings, while the EFI/ETB engine ensures reliable performance across extreme temperatures and high elevations.

A reduced-weight, balanced design runs cooler and quieter to support jobsite mobility and minimize downtime, with smooth transitions between welding and generator power.

Built for easy maintenance, a rear-engine layout improves access to key service points. All Ranger MPs come factory filled with 300-hour premium oil and include an electric fuel pump for dependable operation.

Processes »

MIG, Stick, Flux-Cored

Applications »

Construction
Farm
Maintenance & Repair
Service

Output »



Input »



KEY FEATURES

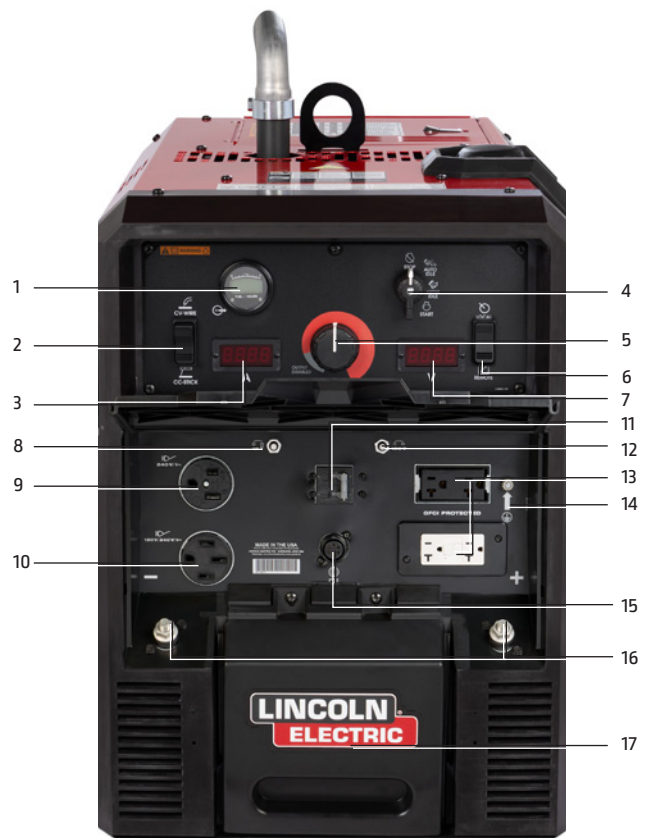
- **One-knob, glove-friendly control** — Faster setup with less adjustment on the job
- **High-quality multi-process welding** — 330 amps of consistent, reliable weld performance across applications
- **Clean generator power** — 11.5kW safely powers jobsite tools and equipment
- **Digital amps and volts meters** — Clear, accurate readings for consistent weld results
- **Electronic throttle body (ETB) and electronic fuel injection (EFI)** — Better starting and performance across temperature and elevation changes
- **Auto-idle** — Reduces noise and fuel use when welding demand drops
- **Low-noise operation** — Better for jobsite comfort and communication
- **GFCI-protected receptacles** — Added protection when powering jobsite tools

INDUSTRY-LEADING DESIGN

- **Rear-engine layout** — Easier access to service points
- **Reduced-weight, jobsite-mobile design** — Easier transport and handling on site
- **IP23S-rated enclosure** — Built for durability in tough outdoor conditions
- **Front-facing fuel gauge** — Quick, convenient fuel checks
- **Front battery access** — Faster battery service or replacement

KEY CONTROLS

- | | |
|---|--|
| 1. Fuel / Hour / Output Enabled Meter | 12. 20 amp circuit breaker |
| 2. CC / CV switch | AC power going to the 120V receptacles |
| 3. Amp Meter | 13. GFCI protected 120 Volt AC receptacle |
| 4. Engine Start Switch | 14. Ground Stud |
| 5. One-knob amperage control | 15. 6-pin connection for remote capabilities |
| 6. Remote Control Switch | 16. Output Studs |
| 7. Volt Meter | 17. Battery Tray |
| 8. 15 amp circuit breaker | |
| 9. 240 Volt AC receptacle | |
| 10. 120/240 Volt AC Full KVA receptacle | |
| 11. 50 amp circuit breaker for AC power | |



RECOMMENDED ACCESSORIES

Product Name	Product Number
Stick Accessories	
Stick welding kit with electrode cable 20 foot #6, work cable 15ft #6, electrode holder, work clamp and helmet. 150 amp nominal rating	K875
EH-305HD Heavy Duty Electrode Holder	K909-7
EH-405HD Heavy Duty Electrode Holder	K909-8
General Accessories	
Ranger MP Nylon Cover	K6055-1
Work and power lead package (10 ft, 2/0) – Tweco male and ground clamp / Tweco male and lug	K1803-2
Work lead package (15 ft, 2/0) lug connector	K2150-1
Weld power cable - lug to lug (3/0) – 10 foot	K1842-10
Weld power cable - lug to lug (4/0) – 35 ft (2 cables per package)	K2163-35
Weld power cable – lug to lug (4/0) – 60 ft (2 cables per package)	K2163-60
Weld cable – Tweco Male to open end (2/0) – 10 ft	K2483-2
Weld cable – Tweco Male to open end (3/0) – 10 ft	K2483-3
Weld Cable – Tweco Male & Female (2/0) – 50 ft	K2485-2
Weld cable - Tweco Male & Female (3/0) – 50 ft	K2485-3
Weld Cable – Tweco Male to lug (3/0) - 50 ft	K2484-3
Insulated CT40FS Female Connector, straight	K2487-1
Tweco-Style Cam-Lock Adapter Plug for 2/0 Cable	K2946-1
Tweco Style Plug (male, 1/0 through 2/0)	K3416-70
Tweco Style Plug (male, 3/0 through 4/0)	K3416-90
Tweco Style Plug (female, 1/0 through 2/0)	K3417-70
Tweco Style Plug (female, 3/0 through 4/0)	K3417-90
Remote Output Control 6 pin, 25 foot	K857
Remote Output Control 6 pin, 100 foot	K857-1
Trailers and Undercarriages	
Small Two-Wheel Welder Trailer	K2635-1
Factory Undercarriage, pneumatic tires	K3589-5
Factory Undercarriage with Flat-Free Tires	K3589-6
All-Terrain Undercarriage, pneumatic tires	K3590-4
All-Terrain Undercarriage with Flat-Free Tires	K3590-5
Engine Accessories	
Rehiko ETB 300 Hour service kit	K5546-1
Spark Arrestor	K3679-1

PRODUCT SPECIFICATIONS

Product Name	Product Number	Weld Power			Generator Power			
		IEC rating @100%	Output Range	OCV Max	Power	Voltage (Single Phase)	14-50R Full kVA Receptacle	5-20 Receptacles
Ranger® 330MP	K6005-1	292A/31.7V/100% CC/Stick 312A/29.6V/100% CV/Wire 330A / 28V / 100% (Non IEC Rating)	35-330A [CC] 15-30V [CV]	85VDC	11,500W (Peak) 10,000W (Continuous)	120/240V AC	40A @ 240VAC 40A @ 120V ea branch circuit	20A @ 120VAC total, GFCI protected

Engine (Make & Model)	Power	Displacement	Engine controls	Idle Speed	Fuel System	Fuel Capacity	Battery	Dimension (H x W x D) in (mm)	Weight lbs (kg)
Rehiko ECH749	26.5hp	747 cc (45 in ³)	Electronic throttle body Electronic fuel injection	2,500 RPM 3,600 RPM (High Idle Speed)	Gasoline with electric fuel pump, 10% maximum ethanol	11 gallon (42 l)	12V Group 26 500 CCA	26.4 x 20 x 36.4 (671 x 508 x 924) To Top of Exhaust Pipe: 33.1 (840)	426 (194)

CUSTOMER ASSISTANCE POLICY

The business of Lincoln Electric is manufacturing and selling high quality welding equipment, automated welding systems, consumables, cutting equipment and EV charging systems. Our challenge is to meet the needs of our customers, who are experts in their fields, and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or technical information about their use of our products. Our employees respond to inquiries to the best of their ability based on information and specifications provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment, or to provide engineering advice in relation to a specific situation or application. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or communications. Moreover, the provision of such information or technical information does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or technical information, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose or any other equivalent or similar warranty is specifically disclaimed.

Lincoln Electric is a responsive manufacturer, but the definition of specifications, and 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.