

RANGER® 230MP

MULTI-PROCESS WELDER GENERATOR



Shown: Ranger 230MP (K5938-1)

Simple Welding. Reliable Power.

The Ranger® 230MP™ is a compact multi-process welder generator for crews that want simple setup, dependable output, and jobsite-ready generator power. Straightforward controls and a single, glove-friendly knob keeps the focus on the work, not the machine.

Running cooler, quieter, and longer, its reduced-weight, balanced design enhances jobsite mobility. Consistent, dependable output ensures reliable power with seamless transitions between welding and generator use.

Designed for ease of maintenance, a rear engine layout now gives unmatched access to key service parts. All MPs come factory filled with 300-hour premium oil to maximize runtime and are equipped with an electric fuel pump for reliable fueling.

Processes »

MIG, Stick, Flux-Cored

Applications »

Construction
Farm
Maintenance & Repair
Service

Output »



Input »



KEY FEATURES

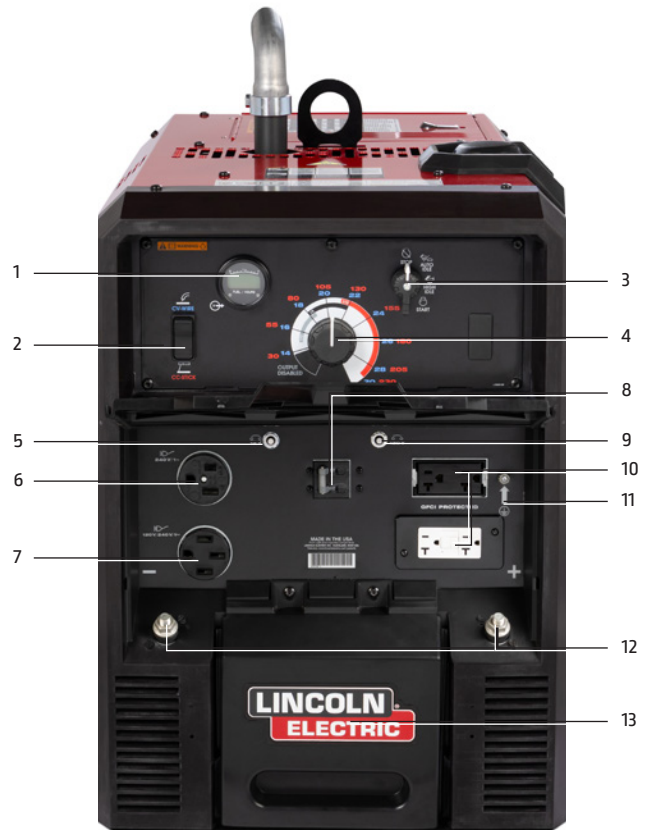
- **One-knob, glove-friendly control** — Faster setup with less adjustment on the job
- **High-quality multi-process welding** — 230 amps of consistent, reliable weld performance across applications
- **Clean generator power** — 10kW safely powers jobsite tools and equipment
- **Electronic choke** — Easier starting with less manual adjustment
- **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

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

KEY CONTROLS

- | | |
|--|---|
| 1. Fuel / Hour / Output Enabled Meter | 9. 20 amp circuit breaker |
| 2. CC / CV switch | AC power going to the 120V receptacles |
| 3. Engine Start Switch | 10. GFCI protected 120 Volt AC receptacle |
| 4. One-knob amperage control | 11. Ground Stud |
| 5. 15 amp circuit breaker | 12. Output Studs |
| 6. 240 Volt AC receptacle | 13. Battery Tray |
| 7. 120/240 Volt AC Full KVA receptacle | |
| 8. 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
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 100 hour service kit	K3494-1
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® 230MP	K5938-1	204A / 28.2V CC/Stick 227A / 25.4V CV/Wire 230A / 25V (Non IEC Rating)	35-230A (CC) 15-30V (CV)	85VDC	10,500W (Peak) 9,500W (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 CH730	23.5hp	725 cc (44 in³)	Electronic choke, carburetor	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 (7671 x 508 x 924) To Top of Exhaust Pipe: 33.1 (840)	426 (194)

CUSTOMER ASSISTANCE POLICY

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