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 »





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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
2. CC / CV switch
3. Engine Start Switch
4. One-knob amperage control
5. 15 amp circuit breaker
6. 240 Volt AC receptacle
7. 120/240 Volt AC Full KVA receptacle
8. 50 amp circuit breaker for AC power
9. 20 amp circuit breaker AC power going to the 120V receptacles
10. GFCI protected 120 Volt AC receptacle
11. Ground Stud
12. Output Studs
13. Battery Tray



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	
Rehlko 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)
Rehlko CH730	23.5hp	725 cc (44 in^3)	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)

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