

# 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 |
|----------------------------------------------------------------------------------------------------------------------------------------|----------------|
| <b>Stick Accessories</b>                                                                                                               |                |
| 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         |
| <b>General Accessories</b>                                                                                                             |                |
| 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         |
| <b>Trailers and Undercarriages</b>                                                                                                     |                |
| 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        |
| <b>Engine Accessories</b>                                                                                                              |                |
| 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<br><br>312A/29.6V/100% CV/Wire<br><br>330A / 28V / 100% (Non IEC Rating) | 35-330A [CC]<br>15-30V [CV] | 85VDC   | 11,500W (Peak)<br><br>10,000W (Continuous) | 120/240V AC            | 40A @ 240VAC<br>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 <sup>3</sup> ) | Electronic throttle body<br><br>Electronic fuel injection | 2,500 RPM<br><br>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)<br><br>To Top of Exhaust Pipe: 33.1 (840) | 426 (194)       |

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