XMT® 650 Series

See literature DC/18.98

Developed for harsh environmental conditions and output requirements that range from power-intensive to precise.

XMT 650 ArcReach power source (top center) shown with ArcReach 16 feeder (top left, field roller option shown), ArcReach SuitCase 12 Heavy Duty feeder (top right), and ArcReach Stick/TIG Remote (left). All sold separately.

ArcReach®

Every year, outdated welding equipment wastes hundreds of productive work hours – and thousands of dollars in profit – by forcing operators to make numerous walks from the weld joint to the welder. Welding systems with ArcReach technology let operators adjust welding parameters right at the weld joint without a control cord using the wire feeder or remote – maximizing arc-on time, improving safety and impacting the bottom line. Learn more about ArcReach technology at **MillerWelds.com/arcreach**

Note: ArcReach Smart Feeder is not supported.

Three models available: with or without ArcReach, and ArcReach with polarity reversing. ArcReach models allow control of ArcReach accessories hundreds of feet away without a control cable. Polarity reversing model adds switching between FCAW EN and gouging without swapping cables.

LED process indicator (ArcReach model without polarity reversing shown). Process selections are illuminated with an LED that identifies process. Enables weld process to be seen from a distance.

Cable Length Compensation (CLC™) ensures that the voltage a weld operator sets is the voltage they get by automatically adjusting voltage based on weld cable length, even hundreds of feet away from the power source.

Adjust While Welding (AWW™) allows weld operators to change weld parameters while the arc is on.

All aluminum construction helps the machine resist corrosion for long life.

Exclusive protection input inductor protects machine's performance and reliability from "dirty" input power.

Wind Tunnel Technology.™ Internal air flow that protects components, greatly improving reliability.

Fan-On-Demand™ cooling system only operates when needed, reducing power consumption and keeping internal components cleaner.

High-quality performance in all welding processes, from thick to thin metals.

Infinite arc control available in the Stick and Wire modes for easier fine tuning of tough-to-weld materials and out-of-position applications.

Reduced size and weight results in an easier-to-handle package that exceeds the welding performance of larger, heavier machines.

High electrical efficiency and excellent power factor mean getting more welding done while using less power.

Return to a previous weld process faster because the power source is restored to its previous settings once the ArcReach accessory is removed.

Polarity reversing model allows welding operator to change process and polarity with an ArcReach® 16 wire feeder. Stay at the weld joint and switch between welding and gouging with the push of a button.

Heavy industrial CC CV DC 3 Phase

Processes

- MIG (GMAW) • Flux-cored (FCAW)
- Stick (SMAW) • TIG (GTAW)*
- Submerged arc (SAW)*
- Air carbon arc cutting and gouging (CAC-A) (rated 9.5 mm [3/8 in.] carbons)

**XMT 650 models without polarity reversing.*

Most popular accessories

- **XMT 650 ArcReach® 4-Pack Racks**
  907860 Without polarity reversing
  907852 With polarity reversing
  293380 Empty rack fused for 460 V
  Occupied racks come assembled with four XMT 650 ArcReach power sources fused for 460 volts
- ArcReach® 16 Feeder
- ArcReach® SuitCase® Feeders
- ArcReach® Stick/TIG Remote
  301325 (for ArcReach models only)
- ArcReach® Heater
  (for ArcReach models only)
- Running Gear Cylinder Rack 300408
- Industrial MIG 4/0 Kit (with lug connectors) 300390
- Extension Cables
  242208025 7.6 m (25 ft.)
  242208050 15 m (50 ft.)
  242208080 24.4 m (80 ft.)

**Not available with polarity reversing models. **Values in parentheses are for 575 V.*

Model/Stock Number	Amperage/ Voltage Ranges	Rated Output	Amps Input at Rated Output, 50/60 Hz 380 V	460 V	575 V	KVA**	KW**	Max. Open-Circuit Voltage	Power Source Dimensions *(Includes lift eye)*	Power Source Net Weight
XMT 650 CC/CV **907843** 380/460 V power source only **XMT 650 ArcReach** **907823** 380/460 V power source only **XMT 650 ArcReach w/Polarity Reversing** **907822** 380/460 V power source only	CC mode: 10–815 A CV mode: 10–44 V SAW mode: 10–65 V*	650 A at 44 VDC, 100% duty cycle	51.5	42.6	35.2	33.9 (35.3)	31.9 (31.7)	82 VDC	H: 716 mm (28.187 in.) W: 424 mm (16.687 in.) D: 803 mm (31.625 in.)	72.1 kg (159 lb.)
		750 A at 44 VDC, 60% duty cycle	59.9	49.1	41.1	39.1 (41.0)	37.2 (37.4)			
		815 A at 44 VDC, 25% duty cycle	65.3	53.6	44.3	42.7 (44.2)	40.5			