

XMT® 350 FieldPro™

Welding Systems

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**Multiprocess
Welding System** 

Quick Specs



Heavy Industrial Applications

Construction
Shipbuilding
Power generation plants
Rental fleets

Processes

MIG (GMAW)
Pulsed MIG (GMAW-P)*
RMD®*
Stick (SMAW)
Lift-Arc™ TIG (GTAW)
Flux-cored (FCAW)
Air carbon arc cutting and gouging (CAC-A)
Induction heating

Input Power Auto-Line™, 230–460 V,
3-phase power

Output Range 10–38 V, 15–425 A

Net Weight 42.2 kg (93 lb.)

ArcReach® Remote voltage control without
a control cord

**Available with ArcReach® Smart Feeder only.*



Game-changing welding and pre-heating technologies can stop you from wasting hours every day.

ArcReach® welding technology minimizes the non-value-added time spent walking to and from the power source – and maximizes arc-on time, weld quality and jobsite safety.

When operators have complete control at the feeder or remote – even hundred metres away from the power source – it minimizes downtime and maximizes productivity, while improving operator safety and delivering high quality welds.



ArcReach®

Cable Length Compensation (CLC™) ensures voltage an operator sets is voltage they get. CLC automatically adjusts voltage based on weld cable length, even hundred metres away from the power source.



**More Jobsite
Productivity and
Efficiency**

Maximize fleet compatibility and get the benefits of ArcReach® when you pair XMT® 350 FieldPro™ welders and ArcReach® feeders with other ArcReach® compatible products.



**Maximum Fleet
Compatibility**

Eliminate expenses related to maintaining or replacing easily damaged control cords. Weld cables are used to communicate weld parameters between the wire feeder and power source.



**Increased
Uptime**

Regulated Metal Deposition (RMD®) and pulsed MIG* are fully supported, enabling operators to use these advanced processes in the field for faster, more efficient welds.



**Exceptional
Arc Performance**

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



**More Operator
Control**

Decrease trip or fall injuries. ArcReach® technology allows weld operators to make parameter changes at the wire feeder/remote instead of having to travel through multistory and cluttered jobsites back to the power source.



**Improved
Jobsite Safety**

**Available with ArcReach® Smart Feeder only.*



Power source is warranted for three years, parts and labour.



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XMT® 350 FieldPro™ Series Features

XMT® 350 FieldPro™ with ArcReach® Technology

Ideal for:

- Structural
- General construction
- Ship



XMT® 350 FieldPro™ Polarity Reversing with ArcReach® Technology

Ideal for:

- Process pipe
- Module assemblies

AUTO-LINE TECHNOLOGY For portability and reliability, Auto-Line allows for any input voltage hookup (230-460 V, three-phase) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable input power.

Auto-Bind automatically establishes an exclusive communication between the power source and the wire feeder, using the existing weld cables upon system power up.

Wind Tunnel Technology™. Internal air flow that protects electrical components and PC boards from dirt, dust and debris, greatly improving reliability.

Process selector switch reduces the number of control setup combinations without reducing any features.

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

True multiprocess system provides conventional stick, Lift-Arc™ TIG, FCAW, and MIG welding as well as the advanced technologies of RMD®, pulse and induction heating.

Fleet compatibility. ArcReach-equipped power sources and wire feeders work with non-ArcReach® equipment; however, the complete ArcReach® benefit is only realized with the ArcReach® system.

XMT® 350 FieldPro™ Specifications (Subject to change without notice.)



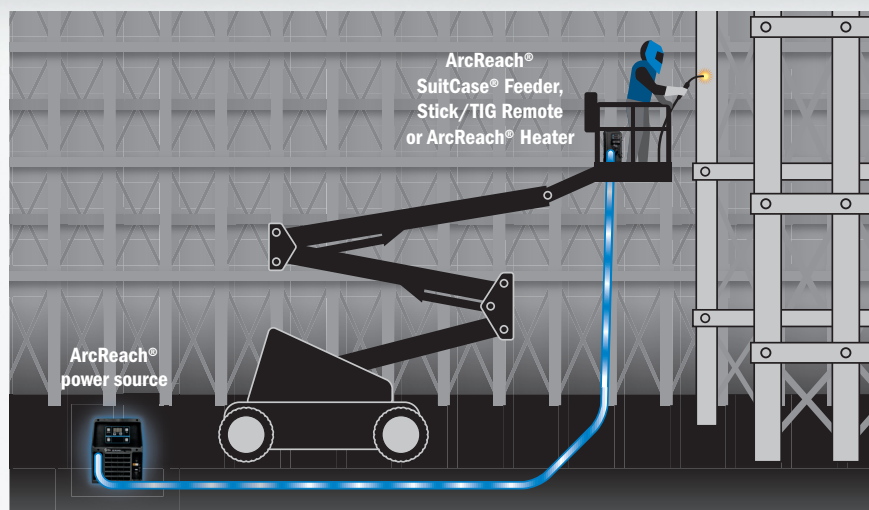
| Input Power | Voltage Range in CV Mode | Amperage Range in CC Mode | Rated Output | IP Rating | Amps Input at Rated Load Output, 50 Hz | | | | | Max. Open-Circuit Voltage | Dimensions | Net Weight |
|-------------|--------------------------|---------------------------|---------------------------------|-----------|--|-------|-------|------|------|---------------------------|--|------------------|
| | | | | | 230 V | 400 V | 460 V | KVA | KW | | | |
| Three-phase | 10 - 38 V | 5 - 425 A | 350 A at 34 VDC, 60% duty cycle | IP23 | 36.1 | 20.6 | 17.8 | 14.2 | 13.6 | 75 VDC | H: 432 mm (17 in.) W: 318 mm (12.5 in.) D: 610 mm (24 in.) | 42.2 kg (93 lb.) |

CE All CE models conform to the applicable parts of the IEC 60974 series of standards.

ArcReach®

Remote control of the power source without a control cord.

ArcReach® technology uses the existing weld cable to communicate control information between the power source and the feeder for welding and the ArcReach® Heater for induction heating. This technology eliminates the need for control cords, and their associated problems and costs.



ArcReach® SuitCase® 8 and 12 Features

Setting the standard for performance.

Heavy-duty drive motor with tachometer control provides wire feed speed that is accurate and consistent from the start of the weld to the finish and from one weld to the next, which provides consistent arc quality. Front panel has trigger hold, wire jog, and gas purge for easy operator access. Wide voltage range for small and large wires with no contactor chatter or arc outages.

Set volts and wire feed speed remotely.

The simple interface on the feeder allows operators to adjust parameters at the point of use with no control cords.



Easy process changeover. Simply connect the ArcReach® SuitCase® feeder to your weld lead and you are ready to go. The power source automatically switches settings to run conventional wire processes.

Easy solution for traditional wire process.

Add the flux-cored capability of the XMT® 350 FieldPro™ for fill and cap passes for increased productivity.

Durable design reduces downtime.

Impactresistant case and the elimination of feeder control cords provides a solid solution to last in harsh environments.

ArcReach® SuitCase® Specifications (Subject to change without notice.)

  (Use with CC or CV, DC power sources.)

| Model | Input Power | IP Rating | Input Welding Circuit Rating | Wire Feed Speed | Wire Type and Diameter Capacity | Max. Spool Size Capacity | Dimensions | Net Weight |
|-------|---|-----------|------------------------------|---|--|---------------------------------|---|----------------|
| 8 | Operates on open-circuit voltage and arc voltage: 14-48 VDC/110 max.OCV | IP23 | 330 A at 60% duty cycle | 1.3-19.8 m/min. (50-780 ipm) dependent on arc voltage | Solid wire: 0.6-1.4 mm (.023-.052 in.) Flux-cored: 0.8-2.0 mm (.030-5/64 in.) | 203 mm (8 in.), 6.4 kg (14 lb.) | H: 324 mm (12.75 in.) W: 184 mm (7.25 in.) D: 457 mm (18 in.) | 13 kg (28 lb.) |
| 12 | | | 425 A at 60% duty cycle | | Solid wire: 0.6-1.4 mm (.023-.052 in.) Flux-cored: 0.8-2.0 mm (.030-5/64 in.) | | | |

 All CE models conform to the applicable parts of the IEC 60974 series of standards.

ArcReach® Smart Feeder Features

ArcReach® Smart Feeder delivers excellent

RMD® and pulsed MIG welding up to 60 meters away from the power source with no control cords—twice the distance previously possible. RMD® and pulsed MIG processes also help reduce weld failures and eliminate backing gas on some stainless and chromemoly applications. Set volts and wire feed speed remotely.

Easy process changeover. Simply connect the ArcReach® Smart Feeder to your leads and you are ready to go. All controls automatically shift to the ArcReach® Smart Feeder.





Synergic processes. RMD® and pulsed MIG welding permits procedures with one wire and one gas to eliminate process switch-over time.

Durable design reduces downtime.

Impactresistant case and the elimination of feeder control cords provide a solid solution to last in harsh environments.

ArcReach® Smart Feeder Specifications (Subject to change without notice.)

  (Use with ArcReach® equipped power sources.)

| Input Power | IP Rating | Input Welding Circuit Rating | Wire Feed Speed | Wire Diameter Capacity | Max. Spool Size Capacity | Dimensions | Net Weight |
|---|-----------|------------------------------|---|--------------------------------|---------------------------------|--|----------------|
| Operates on open-circuit voltage and arc voltage: 14-48 VDC/110 max. OCV* | IP23 | 275 A at 60% duty cycle | 1.3-12.7 m/min. (50-500 ipm) dependent on arc voltage | 0.9-1.1/1.2 mm (.035-.045 in.) | 305 mm (12 in.), 15 kg (33 lb.) | H: 457 mm (18 in.) W: 330 mm (13 in.) D: 546 mm (21.5 in.) | 23 kg (50 lb.) |

*Welding with the ArcReach® Smart Feeder requires the XMT® 350 FieldPro™ to be hooked up to three-phase power.

 All CE models conform to the applicable parts of the IEC 60974 series of standards.

ArcReach® Heater Features

Take charge of your field preheat and bakeout applications up to 315°C.

As part of the ArcReach® technology platform, the heater is an accessory for select ArcReach® welding power sources. Air-cooled quick wraps are used on pipes for quick set-up whilst the air-cooled cables can be used on any flat or irregularly shaped objects.



Air-cooled cable



Air-cooled quick wrap



ArcReach® Heater Specifications (Subject to change without notice.)

| Input Power | Ambient Temperature Range | | Rated Output | Dimensions H/W/D | Net Weight |
|---|---------------------------|----------------|---------------------------|------------------|------------|
| | Storage | Usage | | | |
| Operates on open-circuit voltage: 50-70 V | -20°C to +55°C | -10°C to +40°C | 7.8 kW at 100% duty cycle | 472/285/678 mm | 23.4 kg |

CE Manufactured and certified in accordance with IEC-60974-1, -10.

Ordering Information

| System Components | Stock No. | Description | Qty. | Price |
|--|--|---|---|-------|
| XMT® 350 FieldPro™ Power Source | 907730001 | 230-460 V, 50/60 Hz, Dinse-style connectors | | |
| XMT® 350 FieldPro™ Polarity Reversing Power Source | 907731001 | 230-460 V, 50/60 Hz, Dinse-style connectors | | |
| ArcReach® SuitCase® 12 MIG/FCAW Feeder | 301456 | Dinse-style connectors with drive rolls and Euroconnector for 300 mm (12 in.) spool | | |
| ArcReach® SuitCase® 8 MIG/FCAW Feeder | 301457 | Dinse-style connectors with drive rolls and Euroconnector for 200 mm (8 in.) spool | | |
| ArcReach® Smart Feeder MIG/FCAW/RMD®/Pulse Feeder | 301177 | Dinse-style connectors, with drive rolls, Euroconnector | | |
| ArcReach® Heater | 301591 | See ArcReach® Heater literature IN/16.0N | | |
| Accessories | | | | |
| Air-Cooled Interconnecting Cables | 058019294 | 5 m (16.4 ft.) | 70 mmq weld cable and gas hose for ArcReach® SuitCase® 8 and 12 | |
| | 058019295 | 10 m (32.8 ft.) | | |
| | 058019296 | 20 m (65.6 ft.) | | |
| | 058019297 | 30 m (98.4 ft.) | | |
| | 058019302 | 5 m (16.4 ft.) | 70 mmq weld cable and gas hose for ArcReach® Smart Feeder | |
| | 058019303 | 10 m (32.8 ft.) | | |
| | 058019304 | 20 m (65.6 ft.) | | |
| | 058019305 | 30 m (98.4 ft.) | | |
| | Interconnection Cables for Gasless Welding | 027112351 | 15 m (49.2 ft.) | |
| 027112352 | | 20 m (65.6 ft.) | | |
| 027112353 | | 25 m (82.0 ft.) | | |
| 027112354 | | 30 m (98.4 ft.) | | |
| 027112355 | | 10 m (32.8 ft.) | 95 mmq weld cable for ArcReach® SuitCase® 8 and 12 | |
| 027112356 | | 15 m (49.2 ft.) | | |
| 027112357 | | 20 m (65.6 ft.) | | |
| 027112358 | | 25 m (82.0 ft.) | | |
| 027112359 | | 30 m (98.4 ft.) | | |
| Spool Adapter | 047141 | For 6.4 kg (14 lb.) spools | | |
| ArcReach® Feeder Gas Flow Meter Kit | 301306 | For ArcReach® SuitCase® 8 and 12 and ArcReach® Smart Feeder | | |
| ArcReach® Stick/TIG Remote | 301325 | Dinse-style connectors | | |
| Running Gear | 058035016 | 4-wheel cart | | |
| Guns | | | | |
| Bernard® BTB Gun 300 A (GMAW) | Q3015TE3EEQ | For other configurations, see Bernard® literature SP-BTB | | |
| Bernard® Dura-Flux Gun™ (FCAW) | FLX3515AM | For other configurations, see Bernard® literature SP-DF | | |
| EuroGun A-300, 3 m | 058023005 | Air-cooled | | |
| EuroGun A-300, 4.5 m | 058023006 | Air-cooled | | |

Date:

Total Quoted Price:

Distributed by:

