



WIREFEEDER



ARCREACH[®] 16

P/N: MR301619

**More productivity
and efficiency.
Increased uptime.
Improves safety.
Maximum fleet
compatibility.
More operator
control.**



**3 YEAR
WARRANTY**

For details, refer to
Miller's True Blue
Warranty Statement

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Game-changing technologies can stop you from wasting hours every day.

ArcReach[®] welding technology minimises the non-value-added time spent walking to and from the power source and maximises arc-on time, weld quality and jobsite safety.

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.



INDUSTRIAL APPLICATIONS

Construction

Shipbuilding

Heavy Manufacturing

Mining

MRO - Maintenance/Repair

PROCESSES

MIG (GMAW)

Flux-Cored (FCAW)

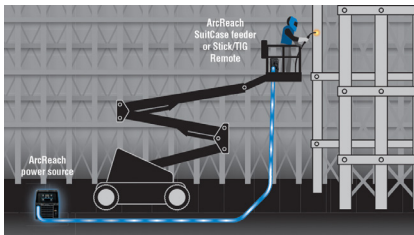
Air Carbon Arc (CAC-A) Cutting & Gouging Rated: 9.5mm Carbons

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ArcReach®

ARCREACH® REMOTE CONTROL OF THE POWER SOURCE WITHOUT A CONTROL CORD



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

EASY PROCESS CHANGEOVER

Simply connect the ArcReach® 16 feeder to your weld lead and you are ready to go. The power source automatically switches settings to run conventional wire processes.

INCREASED UPTIME

ArcReach® feeders and remotes have been extensively field-proven and deliver the performance you need with ruggedly constructed internal components.

No more expenses related to maintaining or replacing easily damaged control cords.

EASY SOLUTION TO TRADITIONAL WELD PROCESS

Add the flux-cored capability of the XMT® 350 FieldPro or XMT® 650 with ArcReach® for fill and cap passes for increased productivity.

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IMPROVED JOB SAFETY

The chances of slip, trip or fall injuries are decreased because ArcReach® technology allows welding operators to make parameter changes at the wire feeder/remote instead of having to travel through multi-story and cluttered jobsites back to the power source.

MORE JOBSITE PRODUCTIVITY EFFICIENCY

ArcReach® capabilities eliminate the time spent tracing weld cables hundreds of feet back to the power source because weld operators can make adjustments at the ArcReach® wire feeder or remote.

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.

*Only available when connected to an XMT® 350 FieldPro or XMT® 650 with ArcReach® power source.

MAXIMUM FLEET COMPATIBILITY

Maximise fleet compatibility and get the benefits of ArcReach® when you pair XMT® 350 FieldPro or XMT® 650 with ArcReach® and ArcReach® feeders with other ArcReach® compatible products.

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. Wide voltage range for small and large wires with no contactor chatter or arc outages.

MORE OPERATOR CONTROL

More control for weld operators with quick, easy adjustments at the wire feeder/remote. Weld operators can Adjust While Welding (AWW™), only available when connected to an XMT® 350 FieldPro or XMT® 650 with ArcReach® power source.

- Inadvertent parameter changes by other jobsite workers can be easily avoided.
- Return to previous weld process faster.
- Decrease the chance of an incorrect weld process being used.

ADJUST WHILE WELDING (AWW™)*

Change weld parameters while the arc is on.

*Only available when connected to an XMT® 350 FieldPro™ or XMT® 650 ArcReach® power source.

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Set volts, wire feed speed and process remotely.

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



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, providing consistent arc quality. Wide voltage range for small and large wires with no contractor chatter or arc outages.



Easy process changeover.

Simply connect the ArcReach® 16 wire feeder to your weld lead and you are ready to go. Switch between welding and gouging with a push of a button with no need to swap leads or disconnected the wire feeder with isolated outputs.

Weld with up to 27.2kg spools and large diameter (2.4mm) wire to minimise downtime and maximise productivity.

Integrated gouging stud on wire feeder.

Isolated gouging stud allows easy connection for gouging at point of use, eliminating the need to disconnect the wire feeder and to swap leads.

Durable design reduces downtime.

The elimination of feeder control cords and field assembly IP23 rating provides a solid solution to last in harsh environments.

ARCREACH® 16 OPTIONS

Easy mobility in the shop and on-site. The ArcReach® 16 wire feeder preassembled options include a shop cart and a field roller for your mobility needs.

Bench Feeder



Preassembled Shop Cart provides easy shop mobility with low clearance. Handle doubles as a cable holder.



Preassembled Field Roller

provides easy field mobility over pan decking and other surfaces. Designed for the environment with spool cover and IP23 rating. Includes spool cover, hanging bail and cable holder.

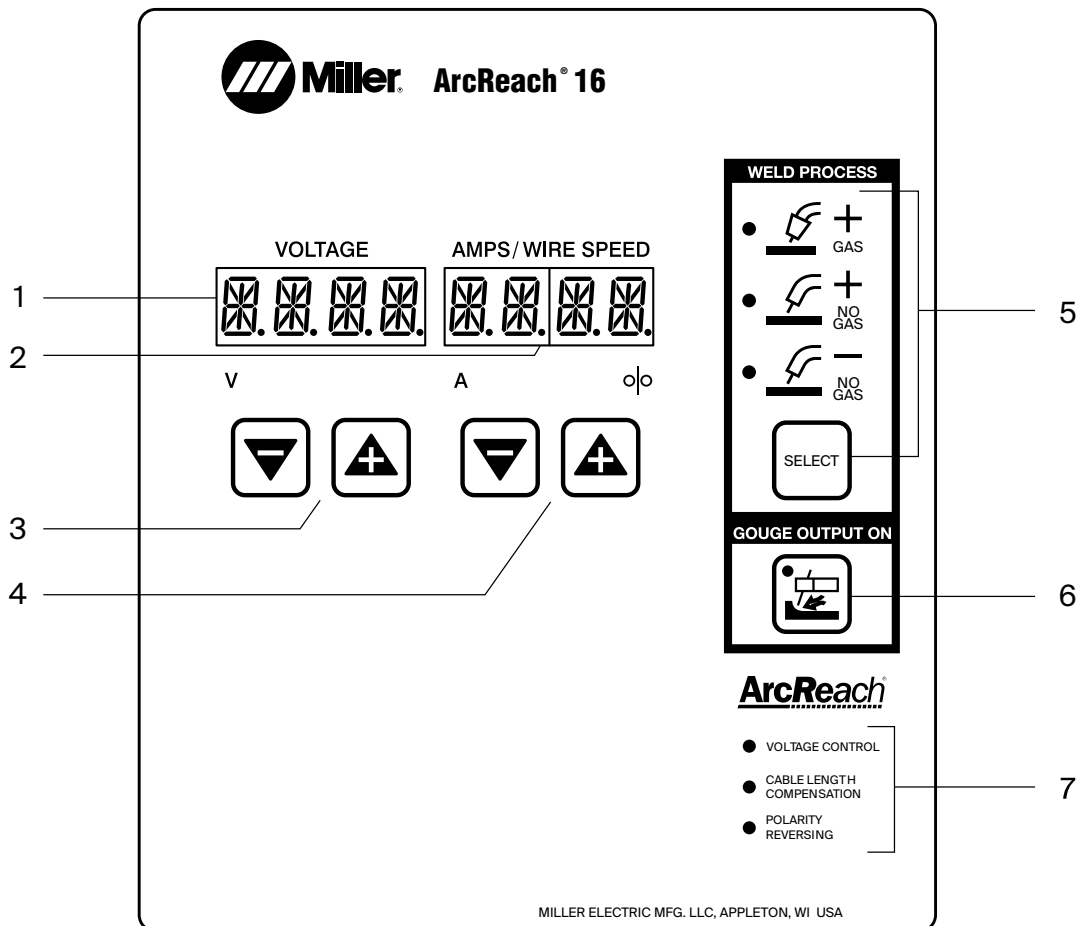


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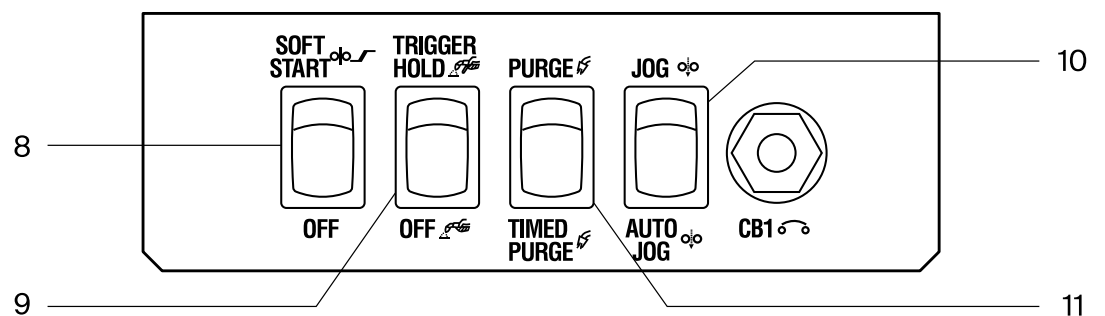
CONTROL PANEL

- 1 - Voltmeter
- 2 - Amperage/Wire Speed Meter
- 3 - Voltage Control
- 4 - Wire Speed Control
- 5 - Weld Process Selection and Indicators
- 6 - CAC-G Selection
- 7 - ArcReach® Feature Indication



INTERNAL CONTROL PANEL

- 8 - Soft Start Switch
- 9 - Trigger Hold Switch
- 10 - Purge/Timed Purge
- 11 - Jog/Auto Jog



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PRODUCT SPECIFICATIONS

Input Power	Input Welding Circuit Rating	Wire Feed Speed	Wire Type and Diameter Capacity	Max. Spool Size Capacity	Dimensions	Net Weight
Operates on open-circuit voltage and arc voltage: 12-110 VDC	450A at 100% Duty Cycle	50-780 ipm (1.3-19.8m/min) dependent on arc voltage.	Solid Wire 0.9-1.9 mm	457 mm 27.2 kg	Base Feeder H: 388 mm W: 424 mm D: 833 mm	Base Feeder 45.8 kg
	500A at 60% Duty Cycle		Flux-Cored 1.1-2.4 mm		Shop Cart H: 508 mm W: 632 mm D: 922 mm	Shop Cart 54.4 kg
	CAC-A 600A at 40% Duty Cycle		Field Roller H: 716 mm W: 505 mm D: 1,084 mm		Field Roller 55.7 kg	