








# Miller MIG & MULTI-PROCESS MACHINES



## SELECTION CHART

MODEL	APPLICATIONS	PROCESSES	INPUT POWER	RATED OUTPUT	DIMENSIONS	WEIGHT
<b>DELTAWELD SERIES</b> 	Heavy Equipment / Truck and Trailer Manufacturing, Ship Building, Pressure Vessel Fabrication, Automotive, Structural Steel Fabrication, Sheet Metal Fabrication, Maintenance	GMAW, FCAW, CAC-A, SAW	3 Phase	Deltaweld 602 450 A @ 38 VDC, 100% DC  Deltaweld 852 650 A @ 44 VDC, 100% DC	Deltaweld 602 & 852 H: 762, W: 585, D: 966	Deltaweld 602 174 kg  Deltaweld 852 214 kg
<b>DIMENSION SERIES</b> 	Fabrication and Construction, Heavy Manufacturing, Pressure Vessel Fabrication, Pipe Welding, Ship building, Earth-moving Equipment Manufacturing	GMAW, MMAW, GTAW, FCAW, CAC-A, SAW	3 Phase	Dimension 562 450 A @ 38 VDC, 100% DC  Dimension 812 650 A @ 44 VDC, 100% DC	Dimension 562 & 812 H: 762, W: 585, D: 966	Dimension 562 192 kg  Dimension 812 247kg
<b>PIPEPRO 450</b> 	Process Piping, Offshore Piping, Onshore Piping, Pipe Fabrication, Field Construction	GMAW, MMAW, GTAW, FCAW, CAC-A, GMAW-P	208 – 575 VAC, 50/60 Hz Auto line	450 A @ 44VDC, 100% Duty Cycle	H: 1041, W: 394, D: 559	72.9 kg
<b>XMT 350 (CC/CV)</b> 	Construction, Shipbuilding, Railroad, Truck and Trailer, Fabrication, Repair Shops, Rental Fleets, Power Generation Plants	GMAW, MMAW, GTAW, FCAW, CAC-A,	208 – 575 VAC, 50/60 Hz Auto line	10-38 V, 5 – 425A	H: 432, W: 318, D: 610	36.3 kg

MODEL	APPLICATIONS	PROCESSES	INPUT POWER	ELECTRODE WIRE DIAMETER CAPACITY	WIRE SPEED	DIMENSIONS	WEIGHT
<b>22A WIREFEEDER</b> 	Light to Heavy Duty Fabrication Shops, Trailer or Furniture Manufacturers, Automotive, Educational Institutes	GMAW, FCAW (Gas and Self Shielded)	24 VAC, 7 A, 50/60 Hz	0.6 - 2.0 mm	1.9 - 19.8 m/min	H: 279, W: 273, D: 597	15.4 kg
<b>70 SERIES</b> 	Light to Heavy Manufacturing, Metal Fabrication, Construction	GMAW, FCAW (Gas and Self Shielded)	24 VAC, 10 A, 50/60 Hz	0.6 - 2.0 mm	1.3 - 19.8 m/min	H: 356, W: 305, D: 673	26kg
<b>X-TREME 12VS</b> 	Shipbuilding, Construction, Heavy Manufacturing, Rental	GMAW, FCAW	Voltage Sensing 14 - 48 VDC	0.6 - 2.0 mm	1.3 - 19.8 m/min	H: 533, W: 229, D: 394	15.9 kg

## MILLER DELTAWELD SERIES - MIG

### DELTAWELD SERIES

- Preset weld voltage
- Line voltage compensation
- Digital ammeter and voltmeter
- Remote control capability
- Thermal overload protection
- Fan-On-Demand™ cooling system only operates when needed

Electronic control offers an easy to use, remote controllable, and superior welding arc for semi-automatic and automatic MIG and Flux cored welding applications. Deltaweld machines are engineered with power and endurance for tough manufacturing work.



BASE OPTIONS	PART NO.
Running gear	MR042886
Cylinder rack	MR042887

	PRIMARY VOLTAGE	INPUT POWER	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
<b>DELTAWELD 602</b> P/N MR907286	415 VAC	380 / 400 / 440 50 / 60 Hz	450 Amps @ 38 Volts, 100% Duty Cycle	50 - 600 Amps	H: 762, W: 585, D: 966	174 kg
<b>DELTAWELD 852</b> P/N MR907287	415 VAC	380 / 400 / 440 50 / 60 Hz	650 Amps @ 44 Volts, 100% Duty Cycle	50 - 850 Amps	H: 762, W: 585, D: 966	214 kg

## MILLER DIMENSION SERIES - MULTI-PROCESS

### DIMENSION SERIES

- Internal digital voltage control allows operator to preset weld voltage in the CV mode before striking an arc
- Hot Start™ makes it easy to start otherwise “difficult to start” electrodes
- Line voltage compensation
- Multi-process capability for versatility
- Remote control capability

Miller’s Dimension series of 3 phase CC/CV/DC power sources provide outstanding versatility and endurance to handle tough industrial applications. These systems are engineered to provide exceptional performance across the whole spectrum of arc welding processes. An excellent choice for manual, semi-automatic and fully automated operations.



BASE OPTIONS	PART NO.
Running gear	MR042886
Cylinder rack	MR042887

	PRIMARY VOLTAGE	INPUT POWER	RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
<b>DIMENSION 562</b> P/N MR907288	415 VAC	380 / 400 / 440 50 / 60 Hz	450 Amps @ 38 Volts, 100% Duty Cycle	20 - 565 Amps	H: 762, W: 585, D: 966	192 kg
<b>DIMENSION 812</b> P/N MR907289	415 VAC	380 / 400 / 440 50 / 60 Hz	650 Amps @ 44 Volts, 100% Duty Cycle	50 - 815 Amps	H: 762, W: 585, D: 966	247 kg

# [MIG & MULTI-PROCESS MACHINES]

## PIPEPRO

# Pipepro 450

Root - Fill - Cap

The one package  
pipe welding  
solution for both  
field and shop  
fabrication



## PIPEPRO 450

PART NO. MR907297

- Multi-process
- RMD Pro™ TIG quality root pass weld
- Pro-Pulse™ synergetic pulse for fill & cap
- Auto-Line™ supply connects to single or three phase
- Fan-On-Demand™ cooling system, only operates when required.

The one-package pipe welding solution for field and shop fabrication. Full multi-process capabilities include patented RMD Pro and Pro-Pulse, optimized for steel and stainless steel pipe welding, MMAW, TIG, FCAW and Carbon Arc Air Gouging.

Ask for data sheet PWS/1.0 for full details



OPTIONAL ACCESSORIES	PART NO.
DX Dual Wirefeeder	MR300228
DX Single Wirefeeder	MR300227
12 RC Suitcase Wirefeeder	MR195392
Pipework Gun & Cable Package 1.5m	MR300241
Pipework Gun & Cable Package 7.5m	MR300334
MIG Runner XL Cart	MR300334
Interconnecting Lead Kit - 2m	AM264-0/2
Interconnecting Lead Kit - 5m	AM264-0/5
Interconnecting Lead Kit - 10m	AM264-0/10
Argon Regulator	HA801AR
Bernard 400 Amp Gun & Cable 3.6m	BEQ4012AR7EM

PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE	RATED OUTPUT
208 - 575 Volts	Single or Three phase	80 Volts	450 Amps @ 44 Volts 100% Duty Cycle

WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
5 - 600 Amps	H: 1041, W: 394, D: 559	72.9 kg

# [MIG & MULTI-PROCESS MACHINES]

## XMT INVERTER SERIES

### XMT 350 (CC/CV)

PART NO. MR907161012 (XMT 350 with aux. power)

- Multi-process
- Pre-settable welding parameters
- Large, dual digital meters
- Auto-line™ supply – connects to single or 3 phase
- Fan-On-Demand™ cooling system, only operates when needed
- Lift-Arc™ for TIG

Inverter type high efficiency DC multi-process welding power source with optional Optima pulse unit. Ideal for construction or fabrication applications utilizing voltage sensing wirefeeders without remote control. Providing true "CV" MIG welding capability and superior "CC" Stick and TIG welding capability.

Ask for data sheet PWS/1.0 for full details



PRIMARY VOLTAGE	INPUT POWER	OPEN CIRCUIT VOLTAGE
208 - 575 VAC	Single or three phase	75 Volts, reduces to 15 V in low OCV mode

RATED OUTPUT	WELDING CURRENT RANGE	DIMENSIONS (mm)	SHIPPING WEIGHT
350 Amps @ 34 Volts 60% Duty Cycle	5 - 425 Amps	H: 432, W: 318, D: 610	36.3 kg

OPTIONAL ACCESSORIES	PART NO.
22A Wirefeeder- 0.9/1.2 feed rolls & Bernard gun included	MR193066
S-74S wirefeeder standard	MR195057
Suitcase 12RC W/Meters, Rem volts, Trig Hold	MR194940011
Suitcase X-Treme 12VS voltage sensing wirefeeder	MR195500
Interconnecting lead kit - 10m (22A & 74S series wirefeeder)	AM294-0/10
Bernard Q400 gun, fixed medium neck, 3.6 cable - Centerfire™	BEQ4012AR8EM
Universal large cylinder cart	MR042934
MIG runner cart	MR195445
Argon regulator & flow gauge	HA801AR

## MILLER WIREFEEDERS

### 22A WIREFEEDER

PART NO. MR193066

2-Roll drive wirefeeder suited for high duty cycle applications, providing day-in/day-out trouble free operation. Featuring Trigger Hold, On-Board Burn Back, Optional Digital Meters and Remote Voltage Control. This wirefeeder is suited to Deltaweld, Dimension, XMT and Invision power sources. Select from the individual items below to customise the 22A and power source package to best suit the job. Bernard 400A gun with 4.6m cable (BEQ4015AE8EM) included.

Ask for data sheet M/11.0 for more details



OPTIONAL ACCESSORIES	PART NO.
Bernard 300A gun with 3.6m cable	BEQ3012AR7EM
Bernard 400A gun with 3.6m cable	BEQ4012AR7EM
Interconnecting lead set, 5m	AM264-0/5
Interconnecting lead set, 10m	AM264-1/10
Argon regulator flow gauge	HA801AR

INPUT POWER	WELDING MODE	WIRE DIAMETER (mm)	WIRE SPEED	DIMENSIONS (mm)	SHIPPING WEIGHT
24 VAC	CV / DC	0.6 - 2.0	1.9 - 19.8 m / min	H: 279, W: 273, D: 597	15.4 kg

# [MIG & MULTI-PROCESS MACHINES]

## MILLER WIREFEEDERS

### 70 SERIES WIREFEEDERS

S-74S 4 Roll Drive Standard PART NO. MR195057

S-74D 4 Roll Drive Digital Meters PART NO. MR195058

S-74DX 4 Roll Drive Digital Deluxe PART NO. MR195059

Raising the bar for industrial-class wirefeeders available in 4 roll drive models providing traditional and advanced features. Featuring Trigger Hold, Rotatable Drive Assembly, Automatic Run-in, Dual Schedule, Optional Digital Meters and Remote Voltage Control. This wirefeeder is suited to Deltaweld, Dimension, XMT and Invision power sources. Select from the individual items below to customise the 70 series and power source package to best suit the job.

Ask for data sheet M/3.0 for more details



OPTIONAL ACCESSORIES	PART NO.
Bernard 300A gun with 3.6m cable	BEQ3012AR7EM
Bernard 400A gun with 3.6m cable	BEQ4012AE7EM
Interconnecting lead set, 5m	AM264-0/5
Interconnecting lead set, 10m	AM264-10

INPUT POWER	WELDING MODE	WIRE DIAMETER (mm)	WIRE SPEED	DIMENSIONS (mm)	SHIPPING WEIGHT
24 VAC	CV / DC	0.6 - 2.0	1.3 - 19.8 m / min	H: 356, W: 305, D: 673	26 kg

### X-TREME 12VS WIREFEEDER

PART NO. MR195500 (with Gas Solenoid, Contractor, Meters and Trigger Hold)

- Trigger Hold - reduces operator fatigue
- Digital Meters - with Sun Vision™
- Higher Duty Cycle - 425 Amps @ 60%

Durable, lightweight and portable, the X-Treme 12VS Wirefeeder is designed for field and construction work for voltage sensing welding applications with most CV and CC DC type power sources. Ideal for use with engine drive machines. The wirefeeder handles a wide variety of wire sizes and types with the high end speed for small diameters, and the low end speed and power for larger diameter, down-hand and all-position, gas and self shielding flux cored wires. The Suitcase X-Treme 12VS requires a feed roll guide kit to be ordered to suit the wire type and size to be used.

Ask for data sheet M/6.41 for more details.



OPTIONAL ACCESSORIES	PART NO.
Bernard 300A gun with 3.6m cable	BEQ3012AR7EM
Bernard 300A gun with 4.6m cable	BEQ3015AE7EM
Welding cable 35mm <sup>2</sup>	CABW35
Welding cable 50mm <sup>2</sup>	CABW50
JB type cable connector 300 Amp	WGEC1
JB type cable connector 500 Amp	WGEC2
Argon regulator flow gauge	HA801AR

INPUT POWER	WELDING MODE	RATED OUTPUT	WIRE DIAMETER (mm)	WIRE SPEED	DIMENSIONS (mm)	SHIPPING WEIGHT
Open Circuit Arc Voltage 14-48 VDC	CV OR CC/DC	425 Amps @ 60% Duty Cycle	Solid 0.6 - 2.0 Cored 0.8 - 2.0	1.3 - 19.8 m / min	H: 533, W: 229, D: 394	15.9 kg

**SLAM  
DROP  
SMASH  
KICK  
DRAG**

# BRING IT ON!

**Taking portable  
welding to the  
extreme...**

## **Suitcase X-Treme 12VS**

The 12VS takes on the toughest MIG and Flux Cored welding jobs, whether onsite or in the workshop. Designed to handle the beating that feeders take onsite from dirt, sand, dust, moisture and corrosion, and survive being thrown in the back of a truck to head to the next job.

**Durable. Portable. Versatile.**

