

NEW! **MDX™ Series MIG Guns**

See literature AY/15.5

An ideal match for Miller® all-in-one MIG machines or other Miller wire feeders.



Durable, ergonomic handle features rubber overmolding for improved grip and rear swivel to reduce welder fatigue.

AccuLock™ consumables provide long life and superior wire feeding. See below for more information.

Pulse welding capable due to increased copper in the gun cable which ensures reliable performance with CV and pulse waveforms (MDX-250/MDX-250 EZ-Select only).

EZ-Select™ function allows you to conveniently select from up to four weld programs by tapping the MIG gun trigger rather than walking back to the machine. Lights on handle indicate weld program selected (MDX-250 EZ-Select only).



Light industrial ● MDX-100
Industrial ● MDX-250/250 EZ-Select

Processes

- MIG (GMAW) ▪ Flux-cored (FCAW)
- Pulsed MIG (GMAW-P) with MDX-250/250 EZ-Select

Suggested power sources

For MDX-100

- Millermatic® 141/211 (pg 9)
- Multimatic® 215 (pg 43)
- Multimatic® 220 AC/DC (pg 44)

For MDX-250

- Millermatic® 212/252 (pg 10)
- Millermatic® 255 (pg 11)
- Multimatic® 200 (pg 43)
- Multimatic® 255 (pg 45)

For MDX-250 EZ-Select

- Millermatic® 255 (pg 11)
- Multimatic® 255 (pg 45)

Most popular consumables

AccuLock Consumables

Liners (inches)

- LM1A-10** .023-.025, 10 ft. length
- LM2A-10** .030-.035, 10 ft. length
- LM3A-10** .035-.045, 10 ft. length
- LM1A-12** .023-.025, 12 ft. length
- LM2A-12** .030-.035, 12 ft. length
- LM3A-12** .035-.045, 12 ft. length
- LM1A-15** .023-.025, 15 ft. length
- LM2A-15** .030-.035, 15 ft. length
- LM3A-15** .035-.045, 15 ft. length

Diffusers

- D-M100** MDX-100
- D-M250** MDX-250
- D-MA250** MDX-250 AccuLock S conversion

MDX-100 Nozzles (inches)

- NS-M1200B** 1/2 ID, flush, brass
- NS-M1200C** 1/2 ID, flush, copper

MDX-250 Nozzles (inches)

- AccuLock MDX**
- N-M1200C** 1/2 ID, flush, copper
- N-M1218C** 1/2 ID, 1/8 rec., copper
- N-M5800C** 5/8 ID, flush, copper
- N-M5818C** 5/8 ID, 1/8 rec., copper
- N-M58XTC** 5/8 ID, 1/8 ext., copper

AccuLock S

- N-A5800C** 5/8 ID, flush, copper

Contact Tips (inches)

AccuLock MDX

- T-M023** .023
- T-M030** .030
- T-M035** .035
- T-M045** .045

AccuLock S

- T-A030CH** .030
- T-A035CH** .035
- T-A045CH** .045

Visit MillerWelds.com or your distributor for other Miller® options and accessories.

Model	Stock Number	Cable Length	Rated Output	Rated Duty Cycle	Standard Wire Size	Standard Consumables
MDX-100	(1770028)	10 ft. (3 m)	100 A	100% with CO ₂ gas, 60% with mixed gas	.030-.035 in. (0.8-0.9 mm)	AccuLock MDX Series
MDX-250	(1770035)	10 ft. (3 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.030-.035 in. (0.8-0.9 mm)	AccuLock MDX Series
	(1770036)	12 ft. (3.7 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.030-.035 in. (0.8-0.9 mm)	AccuLock MDX Series
	(1770037)	15 ft. (4.6 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.030-.035 in. (0.8-0.9 mm)	AccuLock MDX Series
	(1770038)	15 ft. (4.6 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.035-.045 in. (0.9-1.2 mm)	AccuLock MDX Series
	(1770041)	10 ft. (3 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.035-.045 in. (0.9-1.2 mm)	AccuLock S Series
	(1770042)	12 ft. (3.7 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.035-.045 in. (0.9-1.2 mm)	AccuLock S Series
	(1770043)	15 ft. (4.6 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.035-.045 in. (0.9-1.2 mm)	AccuLock S Series
MDX-250 EZ-Select	(1770046)	15 ft. (4.6 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.035-.045 in. (0.9-1.2 mm)	AccuLock S Series
	(1770047)	15 ft. (4.6 m)	250 A	100% with CO ₂ gas, 60% with mixed gas	.030-.035 in. (0.8-0.9 mm)	AccuLock MDX Series

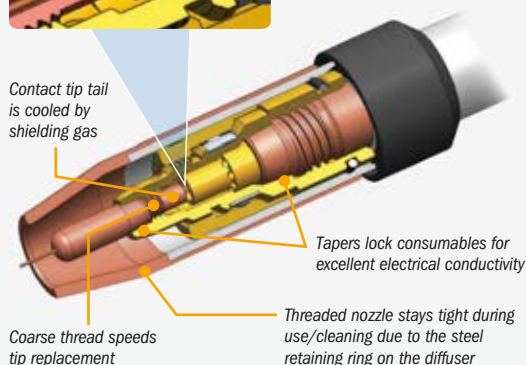
NEW! **AccuLock™ MDX™ Consumables**

See literature AY/15.5



AccuLock MDX cutaways shown

Liner lock self-aligns to back of contact tip when gas diffuser is tightened



Contact tip tail is cooled by shielding gas

Tapers lock consumables for excellent electrical conductivity

Coarse thread speeds tip replacement

Threaded nozzle stays tight during use/cleaning due to the steel retaining ring on the diffuser

Flawless wire feeding path. Front-loading liner is locked (without set screws) and concentrically aligned with both the contact tip and power pin.

Error-proof liner trimming ensures accurate replacement every time – no measuring required!

Maximize electrical conductivity and tip life.

Tapered mating surface between the contact tip and gas diffuser locks tips in place for optimal performance.

Upgrade to Bernard AccuLock S consumables

for increased durability and longer life when guns are used in more industrial applications. See page 30 for more information.



AccuLock MDX AccuLock S