



Millermatic® 142 and 211

See literature DC/12.41 (142) and DC/12.58 (211)

NEW!



Millermatic
142

Millermatic
211



Millermatic 142 front panel



Millermatic 211 front panel

Mild Steel Welding Capability

Max.	4.8 mm (3/16 in.)	9.5 mm (3/8 in.)
Model	142	211
Min.	0.6 mm (24 ga.)	0.6 mm (24 ga.)

Aluminum Welding Capability

Max.	1.9 mm (14 ga.)	9.5 mm (3/8 in.)
Model	142	211
Min.	1.2 mm (18 ga.)	1.2 mm (18 ga.)

Aluminum welding with the Millermatic 142 or Millermatic 211 uses optional Spoolmate 100 spool gun with 4043 aluminum series wire **OR** optional Spoolmate 150 spool gun with 4000 or 5000 series aluminum wire.

Recommended aluminum solution
Spoolmate 100 **OR**
Spoolmate 150.



Auto-Set™ automatically provides the right settings to weld mild steel while **Infinite voltage control** allows the flexibility to manually set your own parameters.

- Set the wire diameter
- Set the thickness of material you are welding
- Start welding with the exact parameters you need!

Inverter technology combines best-in-class arc characteristics with the portability of a 15 kg (33 lb.) (142) or 17.2 kg (38 lb.) (211) machine. The arc is extremely forgiving to variations in arc length and travel speeds.

Angled cast-aluminum drive system with calibrated tension knob creates consistent feeding and easy setup.

Quick Select™ drive roll makes setup quicker by offering three grooves – two for different size solid wire and a third for flux-cored wire.

Auto Spool Gun Detect™ automatically detects when a MIG gun or spool gun is connected, eliminating the need for a switch.

Smooth-Start™ provides a smooth, spatter-free start.

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

Thermal overload protection shuts down unit if airflow is blocked or duty cycle is exceeded. Automatically resets when unit cools.

Uses 102 or 203 mm (4 or 8 in.) spools.

Millermatic 211 model additional features

Advanced Auto-Set™ includes five different wire/gas combinations.



Multi-voltage plug (MVP™) allows for connection to 120- or 240-volt receptacles without tools. Choose the plug that fits the receptacle and connect it to the power cord.

Light industrial ● **CV DC** **1** Phase

Processes

- MIG (GMAW) • Flux-cored (FCAW)

Comes complete with

- 3 m (10 ft.) 100-amp MDX™-100 MIG gun
- 3 m (10 ft.) work cable with clamp
- 2 m (6.5 ft.) power cord with plug (Millermatic 142) **OR** 2 m (6.5 ft.) power cord with MVP plugs for 120 V and 240 V (Millermatic 211)
- Quick Select™ drive roll for 0.6 mm (.024 in.) or 0.8/0.9 mm (.030/.035 in.) solid wire, and 0.8/0.9 mm (.030/.035 in.) flux-cored wire



- Flow gauge regulator and gas hose for argon or AR/CO₂ mix, two 0.8 mm (.030 in.) contact tips, Hobart® spool of 0.8 mm (.030 in.) solid wire, hook-and-loop cord wraps and material thickness gauge (229895)

Most popular accessories

- Spoolmate™ 100 300371
- Spoolmate™ 150 301272



- **Running Gear/Cylinder Rack** 301239
- Protective Cover 301737 For Millermatic 142 301262 For Millermatic 211
- V-Knurled Drive Roll 202926

Model/Stock Number	Input Power	Amperage Range	Rated Output	Amps Input at Rated Output, 50/60 Hz				Wire Feed Speed	Wire Type and Diameter Capacity		Power Source Dimensions	Power Source Net Weight
Millermatic 142 907838	120 V	30-140	100 A at 19 VDC, 60% duty cycle	19.3	—	2.32	2.32	1.5-15.2 m/min. (60-600 ipm)	Solid steel 0.6-0.8 mm (.023-.030 in.) Stainless 0.6-0.8 mm (.023-.030 in.) Flux-cored 0.8-0.9 mm (.030-.035 in.)	H: 372 mm (14.625 in.) W: 248 mm (9.75 in.) D: 508 mm (20 in.)	15.4 kg (33 lb.)	
			80 A at 18 VDC, 100% duty cycle	14.8	—	1.78	1.78					
Millermatic 211 907614	120 V	30-130	115 A at 19.8 VDC, 20% duty cycle	24.3	—	2.9	2.9	1.5-15.2 m/min. (60-600 ipm)	Solid steel 0.6-0.9 mm (.023-.035 in.) Stainless 0.6-0.9 mm (.023-.035 in.) Flux-cored 0.8-1.2 mm (.030-.045 in.)	H: 318 mm (12.5 in.) W: 286 mm (11.25 in.) D: 521 mm (20.5 in.)	17.2 kg (38 lb.)	
	240 V	30-230	150 A at 21.5 VDC, 40% duty cycle	—	16.6	4.0	4.0					