Millermatic® 255 Auto

**MIG Power Source,
Wire Feeder and Gun Package**

Quick Specs

Applications
Auto repair
Heavy truck/trailer repair

Processes
MIG (GMAW)
Pulsed MIG (GMAW-P)
Flux-cored (FCAW)

Input Power Auto-Line™ 208–240 V, single-phase

Rated Output 230 A at 25.5 V, 60% duty cycle

Amperage Range 20–350 A

Net Weight **Machine only:** 84 lb. (38 kg)
Machine with running gear: 148 lb. (67 kg)

Easy to Use and Versatile Auto Body Package

Auto body technicians need to work quickly, efficiently and produce quality work. But hard to use welding equipment adds downtime and makes their jobs harder.

Designed around people, Miller® equipment is easy to use and saves time. The Millermatic 255 Auto package is built exclusively to handle OEM repair procedures. This single-phase weld package produces quality repairs on all of today's multi-material vehicles — which require various welds such as steel, silicon bronze and aluminum. Comes complete with all items to weld any job in the shop.

**Millermatic 255
Auto Package
951821**

Easy to Use

AUTO-SET™ ELITE
PARAMETER

Quick and easy setup

Versatility

Steel SiBr Al
MULTIPLE MATERIALS

**MIG (short circuit transfer)
and pulsed MIG for steel,
silicon bronze and aluminum**

**Heavy-duty aluminum
two-drive-roll system**

TRUE BLUE® 3 YR. WARRANTY

Welder is warranted for three years, parts and labor.
Gun warranted for 90 days, parts only.

Easy to Use

Pulsed MIG

50
Arc length

260
IPM

Mild steel
C10
.035"

SETUP

Pulsed MIG setup screen

MIG
Mild Steel

Use C10 Gas
90 Ar | 10 CO2

Connection screen for MIG process using C10 gas

Auto-Set
MIG

18.0
Volts

304
IPM

Mild steel | C10   .035"   1/8"

Easy-to-understand interface with 7-inch color LCD display
ensures proper machine setup and parameter selection, reducing setup time and increasing weld time.
- Quick-access backlit Auto-Set and Pulse buttons above the LCD display illuminate when active.
- Soft-key buttons below the display change function depending on which screen is displayed. Makes setup or change quick, easy and intuitive.
- Large text for easier readability.
- Intuitive connection setup images.
- Full troubleshooting descriptions versus help errors and look up codes.

Auto-Set™ Elite offers predefined weld settings to increase ease of use and ensure that the job is done right for operators of all skill levels.
- Available for MIG and pulsed MIG processes with the ability to fine-tune your settings.
- Set weld parameters by selecting wire and gas type, wire diameter and material thickness.

Auto-Set   PULSE

Auto-Set
MIG

18.0
Volts

304
IPM

Mild steel | C10   .035"   1/8"

MATERIAL / GAS   WIRE   MATERIAL THICKNESS

Program mode allows easy save and recall of favorite weld settings.
- Deliver more productivity by eliminating the need to manually set the parameters.
- Deliver consistent quality by welders of all skill levels by using prequalified weld settings.
- Minimize supervisor need to intervene.

Auto-Set   PULSE

MIG

19.7
Volts

PROG 3

244
IPM

Mild steel
C100
.035"

HOME   PROG 1   PROG 2   PROG 3   PROG 4

Versatility

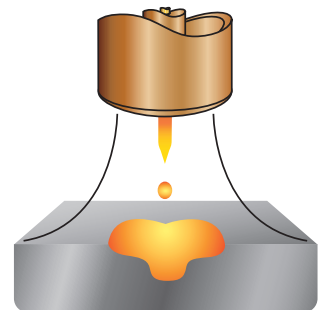| Steel	SiBr	AI
MULTIPLE MATERIALS		

Weld capability (short circuit, pulsed) and parameters capable of handling mixed materials (steel, silicon bronze, aluminum) to meet the repair needs in today's vehicles.

Pulsed MIG welding delivers higher quality welds for ALL welders.
- Lower heat input for less distortion on thin materials and better puddle control on out-of-position welds.
- Less spatter minimizes post weld grinding and rework allowing more welding time.
- Perform welding applications that couldn't be done in the past.
- Ideal for MIG welding aluminum and stainless steel.

-AUTO-LINE™
T E C H N O L O G Y

For versatility and reliability Auto-Line™ allows for any single-phase input voltage hookup (208–240 V) with no manual linking, providing convenience in any job setting. Ideal solution for dirty or unreliable power.

Miller®

EZ-Latch™ Dual Cylinder Running Gear Cart

EZ-LATCH™ RUNNING GEAR

Technicians no longer need to lift machine AND running gear to transport between shops. Latches secure machine to running gear. Simply loosen the latch retaining knob and rotate latches to disengage machine from running gear for easy portability. Cylinder rack features bottle forward technology for increased stability. A built-in storage compartment stores unused guns, consumables, etc. to ensure items are not misplaced. The elevated gun and cable rack keeps cables off the floor and tangle free.
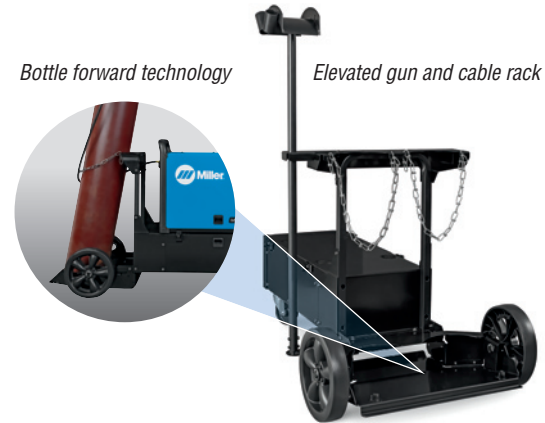

Storage solution

Latches shown in open position without machine and in closed position securing the machine

Bottle forward technology

Elevated gun and cable rack

Millermatic® 255 Auto Package

Stock No. 951821

Comes complete with:
- Power source with 10 ft. (3 m) industrial power cord
- 10 ft. (3 m) work cable with clamp and 50 mm Dinse-style connector
- 15 ft. (4.5 m) 250-amp MDX™-250 MIG gun for steel wire
- 10 ft. (3 m) 100-amp MDX™-100 MIG gun for silicon bronze wire
- 12 ft. (3.7 m) 200-amp Bernard® BTB™ Gun 200 A for aluminum wire
- Flow gauge regulators and gas hoses for argon and argon/CO_2 mix
- .024 in. (0.6 mm) V-groove drive rolls for steel wire
- .030/.035 in. (0.8/0.9 mm) reversible V-groove drive rolls for steel and silicon bronze wire
- .035/.047 in. (0.9/1.2 mm) reversible U-groove drive rolls for aluminum wire
- MDX gun consumables for .024 in. (0.6 mm) wire
- MDX gun consumables for .030 in. (0.8 mm) wire
- MDX gun consumables for .035 in. (0.9 mm) wire
- BTB gun Centerfire™ consumables for .047 in. (1.2 mm) wire
- 8 in./10 lb. spool of .030 in. steel wire
- 8 in./5 lb. spool of .035 in. silicon bronze wire
- 8 in./5 lb. spool of .047 in. 5554 aluminum wire
- Material thickness gauge
- EZ-Latch™ dual cylinder running gear cart with elevated gun and cable rack
- Chains to secure gas cylinder
- Protective cover (not shown)
- Millermatic setup guide (not shown)

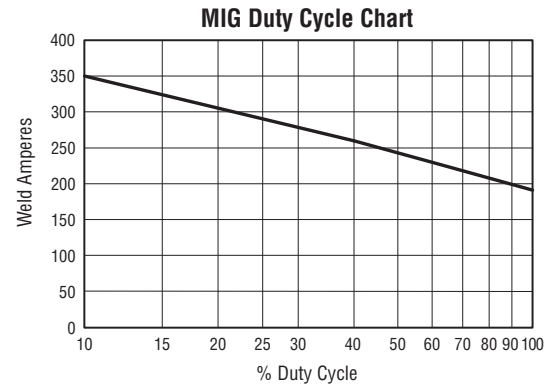| Welding Amperage Range	Rated Output	Amps Input at Rated Output, 50/60 Hz				Wire Feed Speed	Wire Type and Diameter	Max. Open-Circuit Voltage	Dimensions	Net Weight
		208 V	240 V	KVA	KW					
20–350 A	230 A at 25.5 V, 60% duty cycle	44.0	39.5	9.5	7.2	50–800 ipm (1.3–20.3 m/min.)	Solid/stainless steel: .023–.045 in. (0.6–1.2 mm) Flux-cored: .030–.045 in. (0.8–1.2 mm) Aluminum: .035–.047 in. (0.9–1.2 mm)	87 VDC	**Machine only** H: 19.24 in. (489 mm) W: 13.75 in. (349 mm) D: 26.25 in. (667 mm) **Machine with running gear** H: 32 in. (813 mm) W: 13.75 in. (349 mm) D: 45 in. (1,143 mm)	**Machine only** 84 lb. (38 kg) **Machine with running gear** 148 lb. (67 kg)

CSA *Certified by Canadian Standards Association to both the Canadian and U.S. Standards.*

Control Panel

Performance Data

MIG Duty Cycle Chart
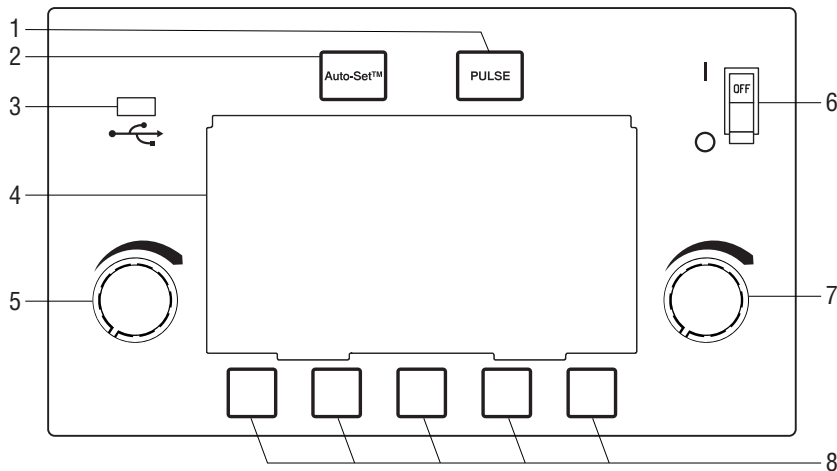
1. Pulse Button

2. Auto-Set Button

3. USB Port

4. Color LCD Display

5. Left Adjustment Knob
(Adjusts voltage, arc length or parameter values depending on mode.)

6. Power Switch

7. Right Adjustment Knob
(Adjusts wire feed speed or parameter values depending on mode.)

8. Soft Keys
(Multiple functions depending on screen displayed.)

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The Power of Blue®