

## ● Medium Industrial ● Heavy Industrial

## Multiprocess 5 Pro 261M

The Canaweld **Multiprocess 5 PRO 261M** is a high-performance, heavy-duty multiprocess welding machine, designed for precision, power, and durability in industrial welding applications. This Canadian-made welding machine supports MIG (Manual & Synergic), MIG Brazing, Flux-Cored, TIG DC (No HF), and Stick welding, making it one of the most versatile and reliable welding solutions on the market.

With one of the highest duty cycles in its class in North America, it delivers 260A at 60% duty cycle and 230A at 100% duty cycle (at 104°F/40°C). Engineered for heavy-duty industrial performance, this Canaweld welding machine provides exceptional arc stability while remaining portable and easy to move, making it ideal for welding workshops, job sites, and field operations.

Canaweld offers North America's only 4-year warranty, ensuring unmatched reliability and superior performance. The heavy-duty 4-roll wire feeder provides smooth, consistent wire feeding, enhancing welding efficiency and precision.

Built to handle all metals, including aluminum, stainless steel, and alloys, the **Canaweld Multiprocess 5 PRO 261M** sets a new industry standard in welding innovation, efficiency, and durability. This industrial multiprocess welder is the ultimate choice for professional welders seeking high-quality, Canadian-made welding equipment.



## PROCESSES



## Features

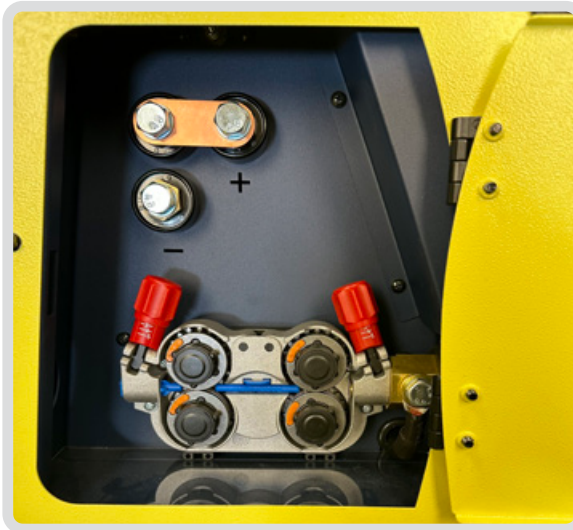
- **5-in-1 Functionality:** Supports MIG Synergic/ MIG Manual, MIG Brazing, Flux-Cored, TIG DC (without HF), and Stick Welding, offering maximum flexibility for diverse applications.
- **Rugged Yet Lightweight Design:** Metal face panel with flip doors for easy access and enhanced durability, ideal for on-site and field welding.
- **Versatile Polarity Options:** Manual switching between gas and gasless wires, Stick electrodes, and Lift TIG welding for added convenience.
- **Innovative Wind Tunnel System:** Minimizes dust and debris intake, increasing durability and extending machine lifespan.
- **Auto-Control Fan Cooling:** Activates only when necessary, reducing dust buildup, noise, and overheating risks, while increasing power supply efficiency and fan longevity.
- **Extreme Duty Cycle Testing:** Designed for continuous operation at 104°F (40°C) and 50% humidity, ensuring superior reliability in harsh conditions.
- **Advanced Heat Control:** Reduces distortion while maintaining consistent penetration for high-quality welds.
- **Clean Welds with Minimal Spatter:** Optimized arc control produces stronger, cleaner joints.
- **User-Friendly LCD Display:** Provides a clear, intuitive interface, allowing quick adjustments for both novice and professional welders.
- **Program Memory:** Save and recall up to 10 favorite settings, improving efficiency and streamlining workflow.
- **4-Year Warranty:** Backed by Canaweld's industry-leading support, ensuring long-term reliability.
- **Canaweld Professional Wire Feeder:** Ensures precise and consistent wire feeding, optimizing weld quality and reducing feed-related issues.

- **Comprehensive MIG Controls:** Full control over wire speed, voltage, trigger mode (2T/4T), burnback, pre-flow, post-flow, and slow feed, with additional inductance adjustment for optimal tuning.
- **Spool Gun Mode:** Enhances performance when welding soft metals like aluminum with thin-gauge wires, ensuring smooth feeding and clean welds.
- **MIG Synergic Technology:** Automatically selects and adjusts optimal welding parameters for MIG, MIG Brazing, and Flux-Cored welding, making setup effortless while delivering superior performance for welders of all skill levels.
- **High-Performance MIG Output:** 260A at 60% duty cycle and 230A at 100% duty cycle (at 104°F/40°C), ideal for demanding industrial environments.
- **Arc Force Control:** Automatically adjusts arc dynamics to enhance arc stability, maintain a steady arc, and prevent electrode sticking, ensuring a smoother welding experience.
- **Voltage Reduction Device (VRD):** A built-in safety feature that lowers open-circuit voltage (OCV) to minimize electric shock risks, while ensuring optimal voltage when welding.

### Multi process 5 Pro M261 Technical Specification

Process	Unit	MIG/Flux cored	TIG DC (Lift Arc)	Stick Electrode	MIG /Flux cored	TIG DC (Lift Arc)	Stick Electrode
Input Voltage, Single Phase, 50/60 Hz	V	208 to 240(±10%)			105 to 120(±10%)		
Primary Current@Max Welding Current	A	37	27	38.5	37	26.5	35
Maximum Primary Effective Current (I1 eff max)	A	30	27	30	27.5	26.5	27.5
Programming and Saving Parameters )		Up to 10 JOBS					
Technology of Adjustment (Manual/Synergic)		Manual or Synergic					
Welding Current Range	A	30 – 260	10 – 250	20 – 250	30 – 160	10 – 150	20 – 130
Duty Cycle @ Rated Current in 104° F (40° C)	A	60%@260	100%@250	60%@250	30%@160	100%@150	60%@130
Welding Current @ 100% Duty Cycle in 104° F(40° C)	A	230	250	210	130	150	110
Welding Current @ 60% Duty Cycle in 104° F(40° C)	A	260	–	250	160	–	130
Open Circuit Voltage	V	99			99		
Solid Steel Wire Size Range	inch (mm)	0.030 – 0.045 (0.8 – 1.2)			0.030 – 0.040 (0.8 – 1)		
Stainless steel Wire Size Range	inch (mm)	0.035 – 0.045 (0.9 – 1.2)			0.035 – 0.040 (0.9 – 1.0)		
Flux-cored Wire Size Range	inch (mm)	0.035 – 0.045 (0.9 – 1.2)			0.035 – 0.040 (0.8 – 1.0)		
Aluminum Wire Size Range	inch (mm)	0.035 – 0.045 (0.9 – 1.2)			0.035 – 0.040 (0.9 – 1.2)		
Max Wire Feeder speed	ipm (m/min)	944 (24)			944 (24)		
Wire Feeder Mechanism Material		Metal					
Wire Spool Size	inch (mm)	8 or 12 inch (203 or 305 mm)					
Weight	lb	59.5 (27 Kg)					
Dimensions Including Handle (D, W, H)	inch (mm)	26 x 10.2 x 19.2 inch (660 x 260 x 490 mm)					

CANAWELD RESERVES THE RIGHTS OF CHANGING THE SPECIFICATION WITHOUT NOTICE



**The Canaweld wire feeder** for welding machines is designed for heavy-duty performance and high precision. It features a selectable two- or four-roll system, allowing for easy conversion between the two configurations. This flexibility ensures reliable, trouble-free, and consistent wire feeding for all types of welding wires, including solid, flux-cored, and aluminum wires.

### Quality Control at Canaweld

At Canaweld, we stand behind our machines with a 4-year warranty and offer up to 5 years of coverage on select parts. Our machines undergo rigorous testing, including evaluations at 40°C (104°F) with 50% humidity and extreme conditions ranging from 50°C (122°F) to 0°C (32°F), ensuring reliable performance in any climate.

Our computerized testing systems continuously monitor and record parameters to ensure top-tier operation. Designed and manufactured in Toronto, Ontario, Canada, all Canaweld machines are thoroughly inspected by CSA-certified experts before shipping.

•**CSA Certification:** Canaweld machines are CSA certified, ensuring they meet Canadian safety and quality regulations. This guarantees that products are tested for safety, performance, and durability.

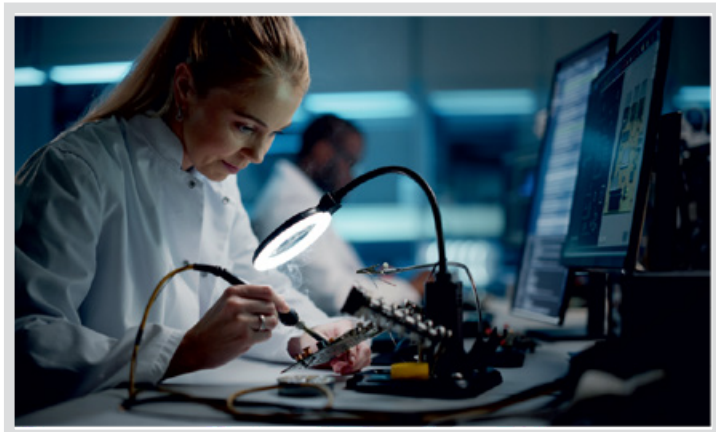
### •Ontario Made Certification:

Designed, assembled, and tested in Canada, Canaweld is proud to be an Ontario Made company, offering local craftsmanship and trusted Canadian quality.

### •Thorough Testing Process:

Each machine is tested for Routine and type tests, along with all electrical safety standards, are conducted according to IEC, CSA, and other international standards.

All machines are tested under strict conditions, which is why Canaweld proudly offers a four-year warranty on its products — longer than what many competitors provide.





### Available Models :















- Multi process 5 Pro M261- Silver Package (PLB7580169)
- Multi process 5 Pro M261- Gold Package (PLB7580173)
- Multi process 5 Pro M261- ALUMINUM Package ( PLB7580178)



### Multi process 5 Pro M261- Silver Package

## What Is Included

### Multi process 5 Pro M261- Silver Package (PLB7580169)




ITEM	QTY	Description	PART NO.	
Ground ClampSet	1	Ground Clamp Set 230-270 A including: 10 ft. Welding Cable AWG 2 (33.6 mm), Cable Plug 35	ALP2280505	
Electrode HolderSet	1	Electrode holder Set 230-270 A including: 10ft. welding cable AWG 2 (33.6 mm), Cable Plug 35,	ALP2280099	
TIG Torch M300Series	1	Tweco® style M300 TE, Euro termination, 15 Ft.	CWGP GTW300-15E	
Gas Welding Hose	1	1/4" Argon Gas Hose, 10 ft. including quick connector	TLJ1080188	
MIG Drive Rolls Set	2	Feed Roll 37MM For Haro Drive (1.0+1.2)+ Red+Orange	CW211012	
	2	Set of 2 Feed Rolls 0.035-0.045 Inch Or 0.9-1.1 mm V Groove (Hard Wire)	CW210911	
	2	Feed Roll 37MM For Haro Drive (1.0+1.2 MM)+ Red+Orange	CW241012	
	2	Set of 2 Pressure Rolls flat 0.035-0.045 Inch Or 0.9-1.1 mm (Hard Wire)	CW240911	
	4	Feed Roll 37MM Twin For Alu Wire (1.2+1.6 MM Yellow+Orange)	CW261216	
Adjustable Nozzle Insulator	1	MIG Adjustable Nozzle Insulator, Tweco® style, 300 & 400AM	CWU34A	
MIG Gun Tweco® Style Consumable Kits	5	Contact Tip 0.030 inch (0.8 mm)	ALP CON4001	
	5	Contact Tip 0.035 inch (0.9 mm)		
	5	Contact Tip 0.040 inch (1.0 mm)		
	5	Contact Tip 0.045 inch (1.2 mm)		
	1	Mig Gun Nozzle -Push On, Adjustable tweco® style		
Spool Holder Adapter	1	Spool Holder Adapter 12"(30cm) To 8"(20cm)	CGA2890928	
Argon/CO2 Regulator	1	UL-Approved MV250 Series, Single Stage For Argon/CO2, Mix	CW-RMV-250-30LM-AR	
SWIVEL CASTER Package for MIG Machines	1		TGL2280100	



Multi process 5 Pro M261- Gold Package

### Upgrade to “Gold” and get additional:

#### Multi process 5 Pro M261- Gold Package (PLB7580173)

ITEM	QTY	Description	PART NO.	
TIG Torch Air Cooled (26 Series)	1	Premium TIG Torch, Air cooled, 200AMP, 9 Pin, 12 ft	CWSG26FX-S1-12-SL-GS4-9PIN	
TIG Consumable Kit	1	Collet 1/16" (1.6 mm)	ALPTORCHCON26	
	1	Collet 3/32" (2.4 mm)		
	1	Collet body 1/16" (1.6 mm)		
	1	Collet body 3/32" (2.4 mm)		
	1	TIG CERAMIC CUP #8, 12.5 mm		
	1	TIG CERAMIC CUP #7, 11 mm		
	1	BACK CAP SMALL		
	1	BACK CAP MEDIUM		
TIG Tungsten Electrode	1	Mix Of Six Tungsten Electrode (CWMIX6)	CTE500-RGB-116332	



### Multi process 5 Pro M261- ALUMINUM Package

## Upgrade to “Aluminum” and get additional :

### Multi process 5 Pro M261- ALUMINUM Package (PLB7580178)

ITEM	QTY	Description	PART NO.	
Spool Gun SM300 Series	1	SpoolGunSM300TE, TWECO® Style Head, Euro Style Termination	CWGPG-PLSPTW300-24-P10-60TE	
Spool Gun Drive Rolls	1	Drive Roll , U Groove for Aluminum 0.030" (0.8 mm)	CWUGP7020W-08U	
Spool Gun Drive Rolls	1	Drive Roll , V Groove for Solid wire 0.030" (0.8 mm)	CWUGP7020W-08	
Spool Gun Drive Rolls	1	Drive Roll, U Groove FOR Aluminum wire 0.040" (1.0 mm)	CWUGP7020W-10U	
Spool Gun Drive Rolls	1	Drive Roll , V Groove for Solid wire 0.035" (0.9 mm)	CWUGP7020W-09	
MIG Gun Tweco® Style Consumable Kit	1	MIG TORCH Tweco® Style 300A Spool Gun Consumable Set/ Aluminum Package	ALPCON4001AL	



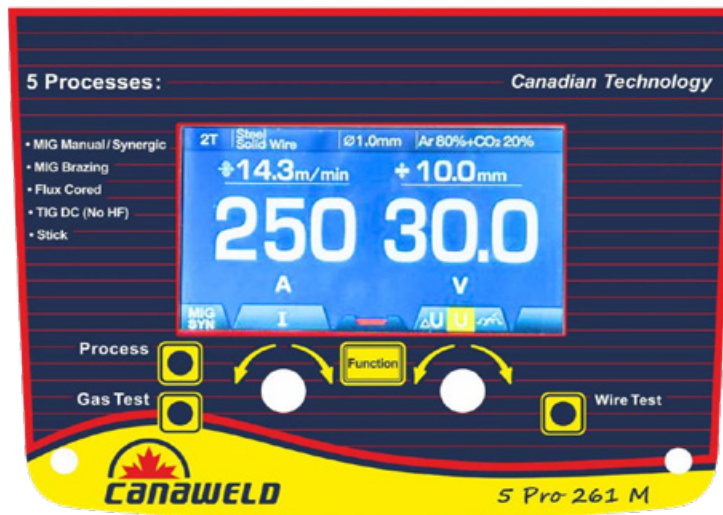


**Applications:** Ideal for industries where weld quality and appearance matter most, including:

- Aerospace Industry
- Automotive (Parts and Body Manufacturing)
- Heavy and Medium-Duty Fabrication
- Boat and Yacht Construction
- Food and Beverage Equipment Manufacturing
- Pharmaceutical and Medical Equipment
- Pressure Vessels
- Civil and General Construction
- Railcar and Train Manufacturing
- Service and Work Trucks
- Vocational Training Schools
- Plumbing and HVAC Systems
- Mechanical Contractors
- Installation
- Restoring
- Maintenance and repair-field operation
- Farm and Ranch




















### Weldable Metals :

- Steel
- Stainless Steel
- Aluminium
- Chrome Moly
- Titanium
- Copper



The machine has a built-in 21.7 x 6.3 x 6.1-inch storage compartment.

### OPTIONAL ACCESSORIES

PRODUCT	PART NO.	
Spool Gun CST251, 9 Pin-10ft (3 Meter ), 0.030"-0.040" / (0.8-1.0 mm)	CWICL08131	
Spool Gun CST251, 9 Pin-13ft (4 Meter ), 0.030"-0.040" / (0.8-1.0 mm)	CWICL08141	
MIG Spool Gun SMH360 Series – Binzel Model	CWGPG-PGSP360A-24-P10-60BE	
MIG Torch, Tweco® style M300 TE, Euro termination, 15 Ft	CWGPGTW300-15E	
Electrode holder Set , 400A, 20ft, Cable SizeAWG 1/0 (42.4 mm), Cable Plug 35	ALP1980468	
Electrode holder Set , 400A, 30ft, Cable SizeAWG 1/0 (42.4 mm), Cable Plug 35	ALP1980469	
Electrode holder Set , 400A, 50ft, Cable SizeAWG 1/0 (42.4 mm), Cable Plug 35	ALP1980470	
Ground Clamp Set , 400A, 20ft, Cable SizeAWG 1/0 (42.4 mm), Cable Plug 35	ALP1980459	
Ground Clamp Set , 400A, 30ft, Cable SizeAWG 1/0 (42.4 mm), Cable Plug 35	ALP1980471	
Ground Clamp Set , 400A, 50ft, Cable SizeAWG 1/0 (42.4 mm), Cable Plug 35	ALP1980472	
TIG Torch 26	CAN-UWP26FX-25-0B-MSL-GS4-ZS	
MIG TORCH Tweco® Style 300A Consumable Standard Set	ALPCON4001	
TIG Consumable Set for TIG TORCH 26 Series	ALPTORCHCON26	
Gas Fitting	CGA3180121	
Spool Holder Adapter 12" To 8"	CGA2890928	
Argon/CO2 Regulator	CW-RMV-250-30LM-AR	
C9 Black (Series Helmets)	CWPOWER-990T-BLK	
C5 Black (Series Helmets)	CWELITE-550S-BLK	
C8 Black (Series Helmets)	CWPOWER-980S-BLK	
C8 Coal Fire (Series Helmets)	CWPOWER-980S-CO	