

HG200



Bestselling MIG Welder with 200A Multifunctional Power



HG200 is a compact powerhouse built for skilled welders. Equipped with advanced IGBT inverter technology and real-time digital controls, it delivers smooth, stable arcs across MIG, TIG, and MMA modes.

Effortlessly switch between gas-shielded and gasless welding. Enjoy deep penetration, minimal spatter, and precise, clean bead formation. Light in weight but heavy in performance, the HG200 offers portability without compromise.

Adjustable burn-back, intelligent wire feeding, and wide voltage tolerance ensure consistent performance and total control. Take it anywhere. Weld like a master—everywhere.

Industries:



Portable



Multi process



Light weight



Minimalist



Easy to use

Standard Accessories Configuration



4M, 15AK
MIG Torch



Holder Cable
3M, 300A, 25SQ



Earth Cable
3M, 300A, 25SQ



3M GAS Hose
+ Quick Connector

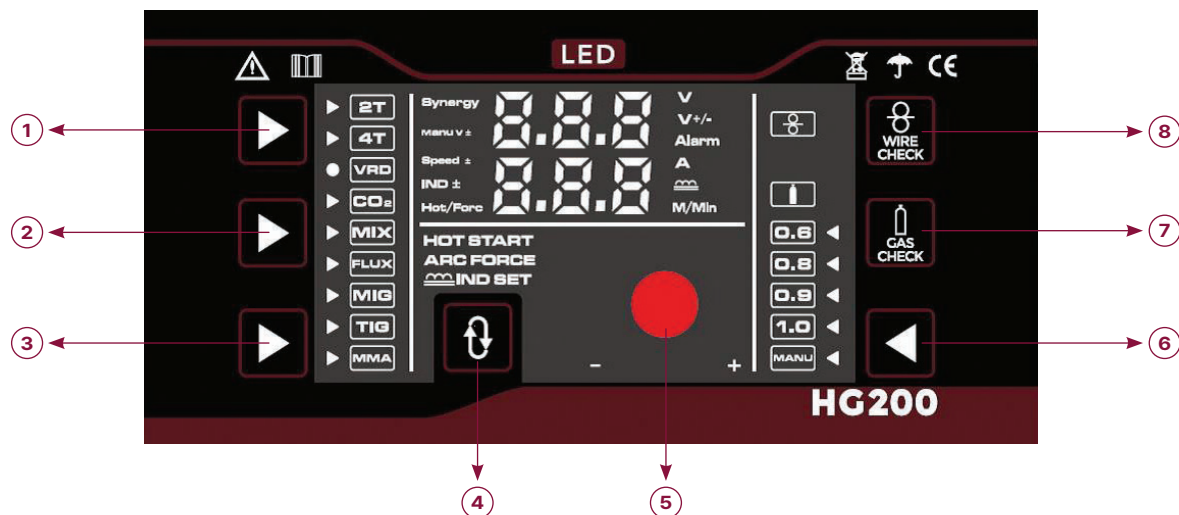


0.9mm Tip 5pcs
1.0mm Tip 5pcs
CO₂ Nozzle 1pc



Spring Liner
4m (Steel)

Introduction

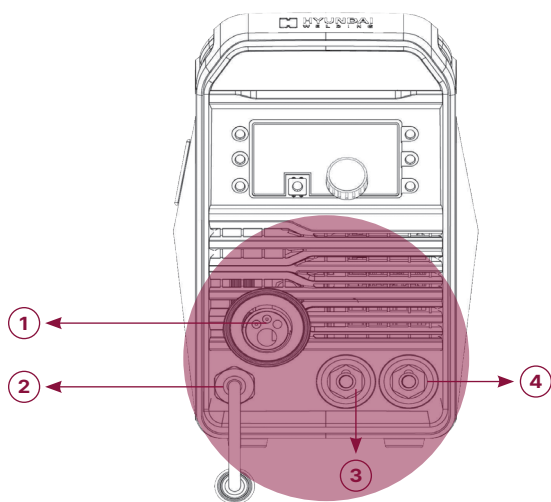


Key Function : expertly arranged for fast, precise, and intuitive operation. Fine-tune wire speed, amperage, voltage, inductance, hot start, and arc force in just moments.

Thanks to a streamlined interface and smart navigation shortcuts, switching between MIG, MAG, Lift TIG, and MMA is effortless. so you're always in control, from setup to the final bead. Built for welders who demand performance without compromise.

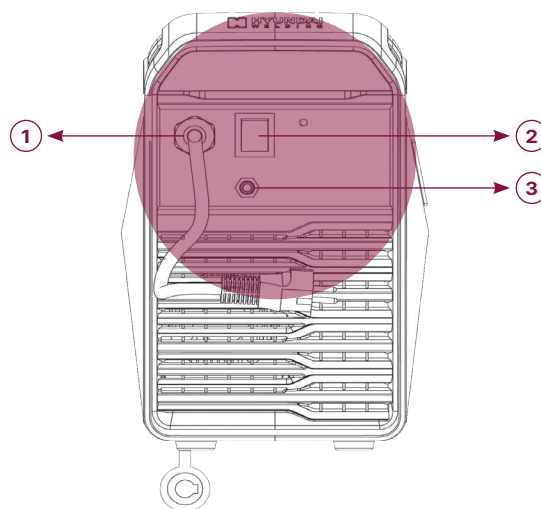
No.	Item	No.	Item
1	Select 2T / 4T (MIG) VRD Function (MMA)	5	Adjust Fine Voltage / Welding current & Voltage / Wire Feeding Speed(WFD) / Inductance / Hot Start / Arc Force
2	Select Gas Type (CO2 / Mix Gas / Non-Gas)	6	Select Wire Ø - 0.6 / 0.8 / 0.9 / 1.0 mm (0.024 / 0.031 / 0.035 / 0.039 in) or manual welding
3	Select The Welding Mode (MIG / MMA / LIFT TIG)	7	Gas Check Function
4	Select Inductance (MIG) Hot Start, Arc Force (MMA)	8	Wire Check Function

Introduction



Power Source Front Cover

- ① Euro Type Torch Connector
- ② Polarity Cable
- ③ Welding Output “-” Terminal
- ④ Welding Output “+” Terminal



Power Source Rear Cover

- ① Power Cable(Input Cable)
2m(Rubber) + E Type Plug
- ② Power Switch
- ③ Shielding Gas Connection Terminal

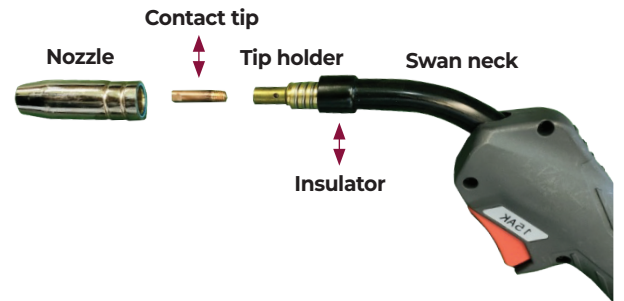
Specifications

Model	HG200		
Power Supply Voltage / Phase	230±10% / 1 Phase		
Rated Input Capacity(kVA)	9.9	7.4	8.5
Rated Input Current(max / min) (A)	38/17	32/14	34/15
Rated Frequency (Hz)	50/60		
Output Current Range (A)	50-200	10-200	10-160
Function	MIG	TIG	MMA
Duty Cycle(40°C 10min)	20% 200A	20% 200A	20% 160A
	60% 120A	60% 120A	60% 92A
	100% 90A	100% 90A	100% 72A
No Load Voltage (V)	50		
IP, Insulation Class	23S / H		
Dimension	175 * 325 * 485 mm (6.89 * 12.80 * 19.09 in)		
Net Weight	11.4 kg (25.13 lbs)		

Torch Information

Our torch goes beyond conventional air-cooled models, with enhanced thermal management, extended durability, and an ergonomic grip designed for professionals.

Whether in high-heat environments or during long-duty cycles, it ensures consistent performance, reduced downtime, and unmatched operator comfort.



Consumable



Torch



Gas
Nozzle



Contact
Tip



Tip
Holder



Insulator



Swan Neck



Spring Liner

Order Information

Torch Consumable	Order Code
MIG Torch*4.0M	P30003123
MIG Torch * Nozzle	P35000085
MIG Torch *Tip*0.9Φ	P35000082
MIG Torch *Tip*1.0Φ	P35000083
MIG Torch *Tip Holder	P35000086
MIG Torch with Teflon Liner 4m	P35000262
MIG Torch * Torch Body	P35000145
Aluminum Package	P35000144
Lift TIG Torch 7m + Gas Hose 3m	P35000206

Product feature



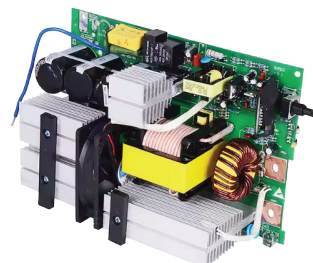
Steady Wire Feed. Zero Disruptions

Engineered for stability, the wire feeder delivers smooth, consistent feed at all speeds. No slipping, no stalling—just flawless performance for clean arcs and strong welds.



Solid Support for Every Spool

Built to handle the weight and motion of 5kg spools with ease, the bracket provides firm, vibration-free support throughout your weld. No wobble, no worry—just rock-solid reliability where it counts.



Reinforced PCB with IGBT & Bridge Protection

The main PCB is built tough—with robust IGBT modules and a high-grade rectifier bridge, it ensures stable output and extended durability. Designed to withstand heat, vibration, and load cycles for long-term welding performance.

Components



V Groove



V-GROOVE
FOR CARBON
STEEL WIRE



U Groove



U-GROOVE
FOR
ALUMINIUM



K Groove



KNURLED - GROOVE
FOR
FLUX CORD

Order Information

Wire Feeder Part	Order Code
F/Roller*Vgroove* 0.6/0.8mm)	P35000187
F/Roller*Ugroove* 0.8/1.0mm	P35000188
F/Roller*Vgroove* 0.8/1.0mm	P35000189
F/Roller* Vgroove*1.0/1.2mm	P35000190
F/Roller (Steel*Knurled* 0.9/1.0mm)*HG200	P35000146
Wire Feeding Motor	P35000184
EARTH CABLE (WCT*25SQ*3m)+ Clamp*HG200	P35000219
Wire Spool Holder	P35000183

Aluminum package



Make sure to replace accessories before use.

1) MIG torch

The standard installed torch is 4 m, so please install a 3 m torch as there may be a problem with the aluminum wire supply.

2) Tips

Please install a tip that matches the wire diameter.

3) Roller

V groove is a roller for SOLID and FCW. Be sure to install a U groove roller when welding aluminum.

4) Polarity

When welding aluminum, the polarity of the torch cable is positive. Earth cable must be connected with negative polarity

5) Gas

It must be welded using 100% Ar gas

6) Ground

It is necessary to check whether the earth cable connection and the earth clamp are correctly connected to the base material.

※ Please note that this model does not include a pulse function.

Package configuration



[U groove 0.9-1.0mm x1]



[15AK Nozzle x1]



[1.0mm tip x 10]

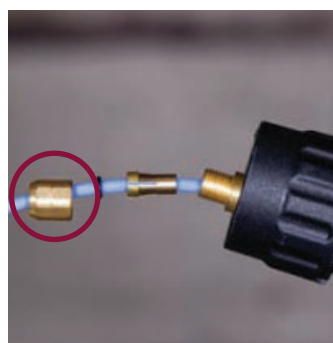


[15AK MIG Torch 3m x 1]
Included Teflon Liner



[Extra Teflon Liner 3.5m x 1]

Caution & Changing detail

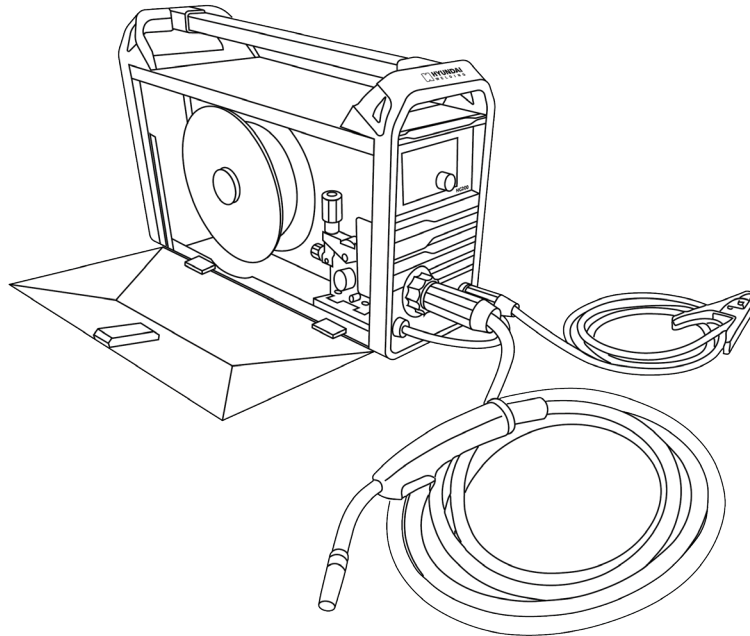


[Teflon Liner Connection]
*Do not remove end nut



[Install U groove Roller]

Installation Guide



Step 1. Power On

Plug the 230V power cord into a socket. Then, switch on the power using the power button located on the back of the machine. Use the display panel to select your welding mode: MIG, MMA, or LIFT TIG.

Step 2. Load the Wire Spool

If you're using MIG: Press the door lock button to open the side panel. Insert your desired 5kg wire spool into the spool bracket. Make sure the wire feeds from the 9 o'clock to the 5 o'clock direction. Tighten the spool nut securely to hold the wire in place.

Step 3. Set the Pressure Arm

Pull the roller tension lever forward to release pressure between the roller and bearing.

Adjust the lever to sit around level 3.

Feed the wire through the gap between the roller and bearing, then re-engage the tension lever to lock it.

If you're using MMA (Stick Welding):

Connect the electrode holder to "+"

Connect the ground cable to "-"

Step 4. Connect the MIG Torch

Attach the Euro-type MIG torch to the front connector. Press and hold the "Wire Check" button to start feeding the wire. Keep holding it until the wire reaches the tip of the torch.

Step 5. Check Polarity

Check the correct polarity based on the wire you're using.

For SS71 wire, use DC (-) polarity:

Connect the polarity cable to "-",

Connect the ground (earth) cable to "+".

Step 6. Start Welding

Once the wire is at the torch tip, clamp the ground cable securely to the base metal.

Pull the torch trigger to strike an arc and begin welding.

If you're using LIFT TIG:

Connect the TIG torch to "-"

Connect the ground cable to "+"

※ The Lift TIG torch is sold separately.

Supershield 11

Self-shielded Flux Cored Wire for Mild Steel compatible with HG200



- AWS A5.20 ASME SFA5.20 E71T-11
- EN ISO 17632-A-T 42 Y Z Z NO 1

Supershield 11 is an all-position, self-shielded flux-cored wire specifically developed for single and multi-pass welding of thin mild steel plates. Designed for use with DC(-) polarity, it provides smooth arc stability, low spatter generation, and full slag coverage, ensuring consistent performance across all welding positions.

This wire is commonly used in the fabrication of light structures, short-length assembly welds, and galvanized steel components such as gates and fixtures. With its practical features and ease of use, Supershield 11 is suitable for a wide range of applications, including general fabrication, galvanized steel work, and civil construction.

Typical Mechanical Properties of All-Weld Metal

Consumable	YS Mpa (ksi)	TS Mpa (ksi)	EL (%)	HRB
Supershield 11	510 (74)	580 (84)	24	82-95
AWS A5.20 E71T-11	≥ 400 (58)	490-660 (70-95)	≥ 22	-

Typical Chemical Composition of All-Weld Metal (%)

Consumable	C	Si	Mn	P	S	Al
Supershield 11	0.18	0.34	0.50	0.012	0.006	1.35
AWS A5.20 E71T-11	≤ 0.30	≤ 0.60	≤ 1.75	≤ 0.03	≤ 0.03	≤ 1.80

Consumable : Supershield 11 Diameter : 1.2mm (0.045in) Shielding gas : Self-shielded Welding position : 1G(PA)

Typical Welding Conditions

CTWD mm (in)	Wire Feed Speed m/min (in/min)	Amp. (A)	Volt. (V)	Deposition Rate kg/hr (lb/hr)	Efficiency (%)
1.6mm (1/16 in) DC+					
25 (1)	2.5 (98)	130~180	14~18	0.9 (2.0)	77~81
	3.4 (134)	180~240	16~20	1.2 (2.6)	
	4.0 (157)	220~280	18~23	2.2 (4.8)	

Packaging

Diameter mm (in)	Spool kg (lbs)
1.0 (0.040)	15 (33) 20 (44)
1.2 (0.045)	
1.4 (0.052)	
1.6 (1/16)	