

STICK-200HD/200MV(PFC)



Quick Specs



Application:
Construction industry
Metal workshops
Agriculture
Repair and maintenance

Process:
Stick (SMAW)

Input Power: 230V or 115/230V, 1-Phase
Amperage Range 10-200A
Rated Out put at 40°C(104°F):
200A at 28V @60% Duty Cycle
Weight: 11KG

Outstanding welding performance

Heavy Duty, Indestructible and versatile.

For tough, safe everyday operation on construction on sites and in assembly work, the resilient MMA professional machine offers the perfect solution. Even on long mains leads or connected to a generator, the welding electrode ignites reliably. Soft-switching inverter technology with digital control system ensures a stable arc, providing problem-free welding even for special electrodes and with a professional welding performance. Powerful with heavy duty cycle of 60% at 200A, we set a new standard in this class. The **Stick-200HD** also could be ordered with PFC system.

Specialist Features

Precision Arc Performance:

- **Very Powerful** even uses with long supply cables.
- **Heavy duty** cycle of 60% at 200A.
- **Built-in arc control** lets you get in tight without sticking the electrode.
An electrode compensation circuit ensures consistent arc control performance regardless of the electrode size.
- **Hot Start Function** reliably ignites the electrode and melts perfectly to ensure the best quality even at the start of the seam.
- **Arc Force** makes it easier to weld large-drop melting electrode types at low current strengths with a short arc in particular.
- **Thermal overload protection** light indicates power shutdown. Helps prevent machine damage if the duty cycle is exceeded or airflow is blocked.
- Power Factor Corrected (PFC) for optimum performance from 110 volts to 220 volts — reduces nuisance breaker tripping. (Optional)
- **Fast, precise, clean arc ignition and arc ending.**



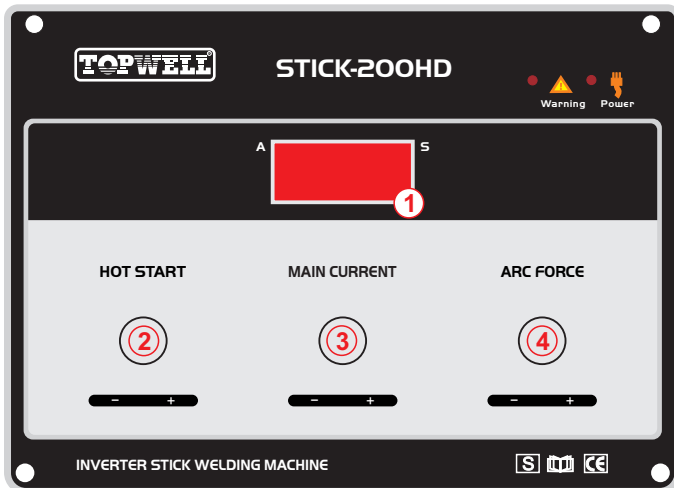
Outstanding Quality:

- Newly designed using the latest power electronic technology for improved reliability.
- CE Certified.
- One-Year Warranty on parts.

Technical specifications

Item No	STICK-200HD	STICK-200MV(PFC)
Rated Input Voltage	1PH ~ 230V ±15%	1PH ~ 115/230V +15%
Max. Load Power Capacity	8.75KVA	7.07KVA
Rated Duty Cycle(40°C) 60%	200A/28V	200A/28V
100%	160A/26.4V	160A/26.4V
Welding Current/Voltage Range	20A/20.8V~200A/28V	20A/20.8V~200A/28V
Open Circuit Voltage	70V~80V	70~80V
Power Factor	0.8	0.99
Efficiency	80%	80%
MMA Arc Force	1%~100%	1%~100%
Hot Start Time	0.1-2S	0.1-2S
Hot Start Current	1%~100%	1%~100%
Dimension	410x185x310mmmm	410x185x310mmmm
Weight	12KG	12KG

General View of Control Panel



Control Panel Parameter Values

1. Ammeter Display

2. Hotstart period rotary dial

Increased ignition current (hotstart current) flows during the period set.

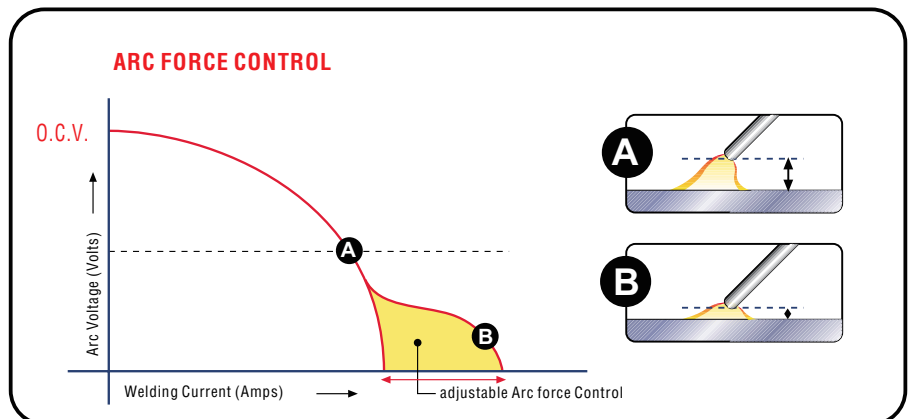
Setting from 0 s to 2 s.

3. Welding Current Adjusting

4. Arcforce rotary dial

Arcforce correction (welding characteristics)

During the welding process, arcforce prevents the electrode sticking in the weld pool with increases in current. This makes it easier to weld large-drop melting electrode types at low current strengths with a short arc in particular.



100% suitable for construction sites

Perfect for large construction sites and very tough assembly work with mains supply leads up to 50 metres or connected directly to a generator. High tolerance to mains fluctuations ensures a perfect welding result.



Accessories

For Standard accessories



Electrode holder with cable 2M
Earth clamp with cable 2M



Hand helmet
Brush/hammer

For Optional accessories



TIG torch: TIG-17V
Gas connector: M12
Cable length 4M