

MIG350C (N2SD2)

Power Source

Rugged and robust EVO20 family look

Advanced digital control platform: DSP + ARM dual microprocessors, next-gen digital control algorithms, next-level arc control and welding performance

Next-level MIG welding performance

- **Arc starting:** 60% increase in arc start success rate and 75% reduction in time from arc start to arc maintenance thanks to optimized coordination between wire feeding and output energy control.
- **Refined droplet transfer:** Precise waveform control delivers improved droplet size control and transfer consistency, resulting in less spatter, better weld seam formation and penetration, and enhanced stick-out length adaptability and arc adaptability.
- **Auto Ball-Removal:** Instant arc extinguishment right after droplet peels off, no molten metal ball forming at the wire tip, ensuring success of subsequent arc ignition; excellent performance in manual spot welding

Enhanced wire feed mechanism

- Dual-drive wire feeder ensures stable wire feeding
- Reduced rotational inertia for faster response
- Gear-driven wire feed system with enlarged feed roller (from $\phi 30\text{mm}$ to $\phi 37.45\text{mm}$)
- Quick change feed rollers
- Anti-pinch design
- One-key wire feeding function

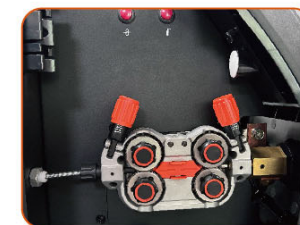
Ample remote control options available: digital torch, wireless helmet remote, mobile app, handheld remote, and foot pedal

Compact version: Integrated with trolley with gas cylinder holder

Synergic function for ease of use and Welding Engineer Mode for advanced customization

10 job slots per welding mode for efficient parameter recall

USB Type-C port for software updates and device charging



Upgraded wire feed mechanism

EVO20



Standard Accessories

- 3M MB-36 air-cooled MIG torch
- 500A earth clamp (2.5M, 35mm²)
- 1 pc quick connector

Specifications

Power Source		MIG350C (N2SD2)
Input Power Source		3ph, AC400V±15% 50/60 Hz
MIG	Rated Input Current	19 A
	Power Capacity	13.1 kVA
	Output Current Range	30~350 A
	Output Voltage Range	10~40 V
	Wire Feed Speed Range	2.0~24.0 m/min
	Open Circuit Voltage	76 V
	Duty Cycle	40%
TIG	Rated Input Current	15 A
	Power Capacity	10.3 kVA
	Open Circuit Voltage	76 V
	Output Current Range	20~350 A
	Duty Cycle	40%
MMA	Rated Input Current	20.4 A
	Power Capacity	14.1 kVA
	Output Current Range	20~350 A
	Arc Force Range	0~100 A
	Hot Start Range	0~200 A
	Open Circuit Voltage	76 V
	Duty Cycle	40%
Power Factor		0.94
Efficiency (at max current)		89%
Idle Power Consumption		30 W
Insulation Class		H
Protection Class		IP23S
Dimensions (L×W×H)		644*977*753 mm (with trolley)
Net Weight		45.1 kg

