

RS 300 M



Properties

- Operates with 3 Phase 400V-50/60 Hz mains voltage and generators, tolerates voltage fluctuations up to 15%.
- Excellent welding characteristics with all types of solid and flux cored wires with CO₂ or Mix gases.
- Separate wire feeding units are standard. Open Cabinet and Smaller Wire Feeding Units for 5 kg (D200) spools options are available.
- 4 roll drive system offers good feedability with long torches and offers less deformation on soft wires such as aluminum and flux cored wires.
- The Separate wire feeder standard harness length is 5 m and can be extended up to 30 m upon request.
- Optimum welding parameters can be obtained from the printed table inside of the wire feed cover.
- Wire feed speed and 2/4 trigger adjustments are on the front panel, Soft Start, Pre-Gas, Post-Gas, Burn-Back timer settings, manual wire feeding & gas valve buttons are inside of the wire feeding cabinet.
- Welding voltage is adjusted from the course and fine switches; increments are optimized to obtain welding parameters with lowest spatter levels.
- Digital displays on the power source for adjusting and monitoring of welding parameters.
- Multiple workpiece connections (Inductance outlets) enables optimum parameter adjustment for low spatter welding.
- ø300 mm, ø270 mm and ø200 mm spools and drums of any size can be used.
- 220V AC outlet for CO₂ gas heater.
- Built in gas cylinder platform with large wheels to ease mobility in workshops.
- Fan cooling and thermal protection against overheating.

- Standard accessories come with the machine.

Technical Specifications



Power Source

Mains Voltage (3Ph)	400	V
Input Power	13.8 (%40)	kVA
Welding Current Range	40 - 300	A
Nominal Welding Current	300 (%40)	A
Open Circuit Voltage	19-44	V
Voltage Adjustment Steps	3 x 7	
Dimensions (l x w x h)	865 x 510 x 780	mm
Weight (Net)	101	kg
Protection Class	IP21	



Wire Feeder System

Welding Wire Diameter	0.60 - 1.20	mm
Standard Roller Groove Size	0.80 - 1.00	mm
Wire Feeder Roller Diameter	4x37	mm
Wire Feeding Speed	1 - 24	m/dk
Torch Trigger Control	2 / 4	
Spool Capacity	20	kg
Dimensions (l x w x h)	560 x 225 x 450	mm
Weight (Net)	23	kg

Standard Accessories

Accessories Picture	Code	Name	
	7907000002	Gas Hose	Standard
	7905212503	Ground Clamp And Cable	Standard

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Accessories Picture	Code	Name	
	7120035003	LAVA MIG 35-3	Optional
	7020001005	CO2 Regulator	Optional