

DC-400RW-WD



DC series is a versatile welding machine. It can perform flux-cored wire semi-automatic welding, cellulose electrode welding, scratch TIG welding and STT welding (DC-400RW-WD ONLY). It is mainly used for all position welding of low carbon steel, low alloy steel and stainless steel. Can use $\Phi 2.0\text{mm}$ flux-cored wire, $\Phi 2.5\text{-}\Phi 5.0\text{mm}$ cellulose electrode and $\Phi 1.0\text{mm}$, $\Phi 1.2\text{mm}$ wire (DC-400RW-WD ONLY). Enjoy reasonable static characteristic and sound dynamic characteristic.

Features and Benefits

- Backing welding with carbon steel wire, stainless steel wire and metal cored wire to achieve X60, X70, and X80 pipeline welding
- Can perform different pipeline root welding STT such as filling covered surface welding
- Base current and peak current can control the heat input accurately, to reduce the deformation of work piece
- Protection gas can be mixed gas or pure CO_2 , which helps reduce the cost
- Apply waveform control technology to improve the formation, achieving less spatter, and artistic seam
- Independent special heavy duty design, IP23 protection class, totally enclosed wire feeder

Mild Steel Welding Capability

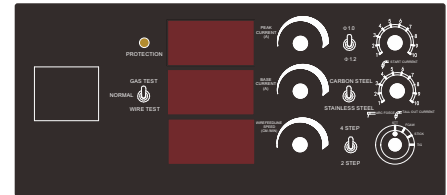


1~21mm /0.04~0.83"
17~22V, 180~270A

Stainless Steel Welding Capability



1~21mm /0.04~0.83"
17~22V, 180~270A



DC-400RW-WD

Standard Equipments

- 1 Power source
- 1 Connected primary cable L=3m
- 1 Ground cable L=14m with quick plug
- 1 Gas cooled torch L=3m
- 1 Close type wire feeder with 15m cable and Europe connection
- 1 Gas Hose L=17m
- 1 Voltage feedback cable L=5m

Technical Specification

		DC400RW-WD
Rated input voltage /frequency (Hz)		3 phase, 380V \pm 20%, 50 /60Hz
Rated input capacity (KVA)		21.7
Rated input current (A)		32.9
Duty cycle (40°C)		100%@400A 60%@500A
OCV (V)		99
Output voltage range in CV mode (V)		12-39
Output current range in CC mode (A)		20-500
STT	Wire size	1.0/1.2
	Wire feed speed (cm /min)	30-1000
	Peak current (A)	15-500
	Base current (A)	10-160
Wire type		Self-shielded flux cored wire
Arc ignition method in TIG		Contact
Protection class		IP23
Insulation class		H
Dimension (mm)		615*386*530
Weight (kg /lb)		57 /125.9