

Application:

Heavy Fabrication
 Pressure Vessel
 Shipbuilding
 Rail Coach
 Pipe Mfg

Processes:

SAW (Submerged Arc Welding)
 ESW (Electroslag Welding)
 CAG (Carbon Arc Gouging)



Features:

IGBT Inverter Technology.
 Tractor / Boom mounted Welding Head.
 Stepless control of Voltage, Wire Feed & Tractor Speed.
 Horizontal & Vertical Slides – precise adjustment of welding head.
 Flux Hopper – ensures long & uninterrupted welds.
 Efficiency of 88%.
 Excellent Line Voltage Compensation.
 Dual Digital Meters.
 Operator friendly front panel controls.
 Simple Circuit easy for maintenance.

Technical Data:

Power Source:

Input Voltage	Input Power	Output Range	Rated Output	OCV	Dimension	Weight
352 – 477 V	55 kVA	20 – 45 V 60 – 1000 A	1000 A @ 100% duty cycle	78 VDC	L: 767 mm W: 352 mm H: 757 mm	97 kg

Wire Drive Assembly & Tractor:

Wire Feed Speed	Wire Size	Drive Motor	Max Spool Capacity	Travel Speed	Dimension	Weight
0.3 – 3 m/min	2.0 – 6.0 mm	110 VDC PM Gear Motor	27 kg	20 – 220 cm/min	L: 1080 mm W: 480 mm H: 740 mm	55 kg w/o flux & wire

Standard Package:

CC/CV Power Source – Tractor with Head & Drive Rolls – Interconnecting Cable 15 m – Earth Cable 5 m with Clamp.