STRIP CLADDING SYSTEM

Strip cladding is a fusion welding process in which weld metal strip is fused on the surface. This process is normally used in pressure vessel manufacturing where corrosion resistant inner surface is required. We offer strip cladding system with inverter based welding power source along with strip cladding head. Power sources are available in 1000,1600 and 2000 Amps to suit different strip sizes

Features

- IGBT inverter based with latest *Soft switching technology*
- Higher operating frequency and hence low volume and weight
- Higher efficiency and power factor
- CC/CV type and hence can be used for carbon arc gouzing
- Microprocessor based system and hence precise control of parameter
- Digital display for voltage and current
- Can be used in ESSC and SAW process
- Memory channels to store the data
- Wire feed stops automatically if the wire/strip touches job while inching
- Strip cladding head suitable for 30 ~ 60 mm wide strips
- Water cooling provision provided for the head

Basic Outfits

- Power Source
- Controller
- Strip cladding head suitable for 30 ~ 60 mm Strip
- 16 Meters Long control cable from power source to controller
- 5 Meters Long control cable from controller to the strip feed motor

Technical Specifications

Model	AUTOWELD-1001 I	AUTOWELD-1600 I	AUTOWELD-2000 I
Input Supply	380 ~ 440 Volts 3 Phase 50 Hz Supply		
Input Power (KVA)	53	84	108
Output current Range (Amp)	100~1000	100~1600	100~2000
Open circuit Voltage V	80~95		
Voltage adjusting Range (V)	20 ~ 44	25 ~ 44	25 ~ 44
Power Factor	0.94	0.03	0.93
Duty Cycle	100% at full Load (40ºC)		
Type of cooling	Forced Air		
Insulation class	H		
Dimensions (D X W X H mm)	795 x 410 x 835	1050 x 475 x 1250	1050 x 475 x 1250
Weight (Kg)	125	186	212
Suitable for strip size (mm)	≤30	30 ~ 60	30 ~ 60

STRIP CLADDING HEAD

CONTROLLER

Specifications may subjected to change without notice.