

Sterco

**Forced Air Cooled Stepless
Regulator ARC Welder**



MODEL DXE

COPPER WOUND



Sterco

MODEL DXE FORCED AIR COOLED STEPLESS REGULATOR ARC WELDER COPPER WOUND

CONSTRUCTION :

The set consists of heavily copper wound Transformer fitted on heavy steel frame covered with ventilated M.S. Sheets mounted on rubber wheels, Front wheel fixed and rear wheels are swivelling type for easy portability. The current is controlled by air gap between Primary & Secondary coils by means of magnetic shunt.

TRANSFORMER :

Specially designed doubled copper wound transformer conforming to IS : 1851 (1975) having core of high grade Electrical Steel Primary & Secondary coils are of electrolytic copper strips & wires covered with fibreglass and insulated with Class 'F' duly vacuum impregnated.

TECHNICAL SPECIFICATIONS OF MODEL DXE-SERIES

MODEL		DXE-301	DXE-401	DXE-501	DXE-601
Primary Voltage	V	380/415	380/415	380/415	380/415
Input Supply		3 Phase 2 Lines	3 Phase 2 Lines	3 Phase 2 Lines	3 Phase 2 Lines
Frequency	Hz	50	50	50	50
Welding Current Range	Amps.	40-300	60-400	60-500	80-600
Max. Continuous					
Hand Welding Current at 60%	Amps.	225	300	400	500
Max. Continuous					
Automatic Welding Current at 100%	Amps.	180	230	300	360
Welding Current Control		STEPLESS REGULATOR			
Max. Intermittent Welding Current	Amps.	300	400	500	600
Open Circuit Voltage	V.	90	90	90	90
Operating Arc Voltage	V.	22-32	23-36	23-40	24-44
Welding Electrode Size Min.	MM.	2	2	2	2.5
Welding Electrode Size Max.	MM.	5	6.3	6.3	8
Insulation Class		F	F	F	F
Power Factor with Capacitor		0.8 at Half Load			
Type of Cooling		FORCED AIR COOLED			
Max. Rating	KVA	27	36	45	54
Rating at 60% Duty Cycle	KVA	20	27	36	45
Rating as per IS	KVA	16.2	20.7	27	32.4
Dimension (Approx.)	MM	700x500x800	700x500x800	750x525x825	750x525x825
Weight (Approx.)	Kgs	140	170	195	225
Weldings		COPPER			

We reserve the right to change design and modify specifications at the discretion of our technical department.

Manufactured by :

TEJINDRA ELECTRIC WORKS (REGD.)

A-122, Group Indl. Area, Wazirpur, Delhi-52

Tel.: 27373361, 27374624, 27375318

Fax.: 91-11-27373853

E-mail: stercotw@mantraonline.com

Website: www.stercoweld.com

Grams: TEWELDING

