

ARC WELDING MACHINE



Range 150 A, 200 A, 300 A, 400 A
Single, Two & three Phase.

FORCED AIR COOLED WELDING MACHINE

This machine is designed with modern moving core magnetic Shunt for stepless welding current Variation. The exhaust fan ensures steady temperature. These are heavy duty machines meeting almost all requirements of production such as light, medium and heavy structural work, machine building and general purpose maintains and fabrication works.

Salient Features

- Sufficient Silicon steel lamination to limit heat rise to safe temperature.
- Drip proof construction enables, use of machines for out door jobs too.
- All machines are light in weight & mounted on wheels for easy portability.
- Wide range of welding current.
- Easy arc striking & excellent arc stability.
- Modern design techniques ensure low maintains cost.
- Noiseless operation, high efficiency & reduced, power consumption.

TRANSFORMERS



We manufacture various types of transformers, our range of transformer is very wide and has been carefully designed and tested to suit most of the Industrial Applications, Electronic Instruments, Electrical Equipments.

Every transformer undergoes rigorous quality control and functional tests before it reaches the customer. These transformers are economical without sacrificing quality.

Range- 10 VA to 50 KVA. (1 Ph., 2 Ph. & 3 Ph.)

CO₂ MIG/MAG WELDING MACHINE



Contronics CO₂ Welding Machine Having Latest Technology using dual control circuit for wire feeder, sturdy construction for any type of job using Copper coated wire for smooth and Spatter Free Welding.

Process

It is universally known as Metal Inert Gas (MIG) / Metal Active Gas (MAG), Welding Process using Argon Gas or Co₂ Gas for shielding the weld pool to avoid oxide formation during welding. In this Wires of 0.8, 1.2 or 1.6 mm is continuously / intermittently fed through wire feeder Mechanism Torch to weld different types of jobs with the help of D. C. Power source. It is a sort of Semi-Automatic Welding Process.

Applications

MIG / MAG / CO₂ Welding Machines are widely used in small as well as large Industries doing Fabrication Work, right from General Repair Work, Grill Making to Heavy Machine Building, Body Building, Vessel Building and Heavy Structural Work, using Copper Coated Wires.

SMOOTH START STARTER



Smooth Start Starter is an electrical version of soft starter which finds application in starting heavily loaded Electrical Motors.

In conventional methods of Star-Delta starting and Auto Transformer starting, the maintenance factor is high and they can not offer the features of smoothly starting of the motor. An Electronic soft starter can overcome these problems but the initial cost and maintainability is high than electrical version.

The second factor is more important since the user has to depend on manufacturer to obtain service as he may not be able to employ qualified person to take care of the starter which cost s a lot and also consumes time.

As compared to above smooth start starter is an ideal solution for smooth starting of Heavily loaded motor.

RANGE: 10 H.P. to 500 H.P.

SALIENT FEATURES

- Employs Flux controlled magnetic Amplifier (FCMA) principle which is a completely stationery system and is a practically maintenance free.
- FCMA divides voltage waveform in amplitude thus does not generate any harmonies.
- Due to purely electrical circuit an ordinary wireman can maintain.
- It limits starting current to a great extent and reduces starting jerks which enhances electrical mechanical life of motor & of driven load, bearing, belt etc.
- It reduced initial cost as well as in long run cost.
- Can be used for cage motors and also for rotor wound motors. With an RW motor if does away with rotor resistance unit and provides a stationery & operator independent system.

APPLICATIONS:

Rolling Mills, Crane Drives, Conveyers, Crushers, Centrifugal Machine, Pumps, Fans, Blowers, Compressors, Paper Mills etc.

Contronics supply complete system. Customer does not have to provide any external device. Only In and Out cables have to be connected. Other additional protections like SPP, UV/OV Temp. Relay etc. can be supplied against specific requirement.



Contronics

J-25, MIDC Kupwad, Tal. Miraj, Dist. Sangli -416 436, Maharashtra, INDIA.

Phone: (0233) 2644460, Telefax: 0233-2644461,

Email: contronicssangli@yahoo.co.in **Web: www.contronics-india.com**