



JAGDISH

ELECTRICALS INDUSTRIES

Mfg. All type of welding machine

Company Profile



Jagdish Electrical Industries International is a leading manufacturer of resistance electric welding equipment and tools specializing in applications for the industries and now fabrication & restoration industry as well. Jagdish Electrical Industries plant is located in Morbi - Gujarat, INDIA. The Company owns and manages on site research and development, engineering, machine shop , fabrication, production testing, technical support. The company owns numerous patents for ingenious application tools, machines procedures and is dedicated to staying ahead of the curve of the technology & needs of welding industry.

Stud type Welding Machine

Mini Type Model

Compact & light weight, built with latest design, useful for repair and maintenance jobs in medium duty cycles & light fabrication works. Light production jobs in farms and small workshops. automobile garage & repairing workshop. Tested under strict quality control Give highest valued performance against its cost.



Model No.
150 MINI - A



Model No.
150 - A



Model No.
200 - A



Model No.
250 - A



Model No.
300 - A



Model No.
400 - A

Stud type Welding Machine



Model No.
600 - A

Specification for Stud type machine

Particulars	Units							
		Mini	Heavy Duty 1-2 phase					
Model Aluminum Wound	—	150	150	200	250	300	400	600
Copper Wound	—							
Nominal Current Output	AMPS	150	150	200	250	300	400	600
Primary Voltage	VOLTS	$\frac{230}{415}$	$\frac{230}{415}$	$\frac{230}{415}$	$\frac{230}{415}$	$\frac{230}{415}$	$\frac{230}{415}$	$\frac{230}{415}$
Phase	—	1-2	1-2	1-2	1-2	1-2	1-2	1-2
Frequency	HZS	50	50	50	50	50	50	50
Open Circuit Voltage	VOLTS	50	50	55	55	55	60	60
Max. Continuous Hand Welding Current at 60 % Duty Cycle	AMPS	120	150	200	250	300	400	600
Max. Continuous Automatic Welding Current at 100% cycle	AMPS	70	90	150	180	220	310	450

Above Specification may change without notice towards the improvement in our products. Pl. check the machine before placing an order, machine design may be changed.



Heavy Duty Type Model

Heavy Duty Built with latest design, Useful for production in structural work, machine building and fabrication filling jobs, reclamation of worn-out machine parts, Arc cutting jobs and many types of truly heavy duty applications. Gives highest valued performance against it's cost.



Model No.
300 - A



Model No.
400 - A

Stud type Welding Machine



Model No.
600 - A

Specification for Stud type machine

Particulars	Units	Heavy Duty 3 phase			
		250	300	400	600
Model Aluminum Wound	—	250	300	400	600
Copper Wound	—				
Nominal Current Output	AMPS	250	300	400	600
Primary Voltage	VOLTS	415	415	415	415
Phase	—	3	3	3	3
Frequency	HZS	50	50	50	50
Open Circuit Voltage	VOLTS	60	60	60	60
Max. Continuous Hand Welding Current at 60 % Duty Cycle	AMPS	250	300	400	600
Max. Continuous Automatic Welding Current at 100% cycle	AMPS	180	220	310	450

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Model No.
R - 250



Model No.
R - 300

- Jagdish Regulator type mini, medium duty machines in 150,200,250,300,400 & 600 Amps. ratings are compact, light ,medium & heavy duty are welders used for repair and maintenance jobs. It is unique for light fabrication works, production jobs in farms and small workshop, automobile garage and repair workshop.
- Welding quite higher performance to cost ratio compared to any other machine in the market.
- Built with latest trends in design and manufacturing and tested to most stringent standard to offer years of trouble free service.

Regulator type Welding Machine



Model No.
R - 400



Model No.
R - 600

Specification for Regular type machine

Particulars	Units	Regulator (Shunt) Type Welding Machine							
		Heavy Duty 2 phase						3 phase	
Model Aluminum Wound	—	150	200	250	300	400	600	400	600
Copper Wound	—	15C	20C	25C	30C	40C	60C	40C3	60C3
Nominal Current Output	AMPS	150	200	250	300	400	600	400	600
Primary Voltage	VOLTS	$\frac{230}{415}$	$\frac{230}{415}$	$\frac{230}{415}$	$\frac{230}{415}$	415	415	415	415
Phase	—	1-2	1-2	1-2	1-2	2	2	3	3
Frequency	HZS	50	50	50	50	50	50	50	50
Open Circuit Voltage	VOLTS	55	55	60	65	65	65	65	65
Max. Continuous Hand Welding Current at 60 % Duty Cycle	AMPS	150	200	250	300	400	600	400	600
Max. Continuous Automatic Welding Current at 100% cycle	AMPS	120	150	180	220	310	450	310	450

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Model No.
ARC - 200



Model No.
ARC - 250

Features

- Minimizing, lightness, high quality and energy saving.
- Good arc starting and arc force, it can resist disturbing stable arc and little spatter.
- High welding quality, deep bath and strong strength.
- Auto protection of over-voltage and over-current.
- Be able to work continuously. It can balance automatic when voltage is waving.
- Suit for welding all kinds of basic welding rod.
- Anti -stick, jot start, Arc force.

Inventor type Welding Machine



Model No.
ARC - 400



Specification for Inventor type machine

Model	Arc 200	Arc 250	Arc 400
Input voltage(V)	230	230/415	415
Frequency (HZ)	50/60	50/60	50/60
Rated input power capacity(KVA)	7.0	11	18
No- load voltage(V)	60	60	60
Output Current (A)	20-200	20-250	20-400
Duty cycle(%)	60	60	60
Efficiency	85	85	85
Diameter of Rod(mm)	1.6-5	1.6-5.0	1.6-5.0
Insulation Class	F	F	F
Protection Class	IP21	IP21	IP21
Gross Weight (KG)	7.5	13	27
Overall dimension(cm)	45.5*27*34.5	58*31.5*41.5	67*42*58
Quantity(20ft)	660 Pieces	370 Pieces	180 Pieces

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Model No.
TRM - 200



Model No.
TRM - 250

Features

- Small Size, light weight, it is the ideal portable dual purpose welding machine
- High frequency welding arc starting perfect arc starting performance.
- Uniform and nice welding surface.
- Excellent performance of the small current arc starting sufficient stable welding current.
- Wide working voltage scope, strong ability of power grid volatility.

Inventor type Welding Machine



Model No.
TRM - 400

Specification for Inventor type machine

Model	TIG / MMA 200 A	TIG / MMA 250 A	TIG / MMA 400 A
Input voltage(V)	230	230/415	400
Frequency (HZ)	50/60	50/60	50/60
Rated input power capacity(KVA)	4.5	6.4	8.4
No- load voltage(V)	54	54	54
Output Current (A)	10-200	10-250	20-400
Duty cycle(%)	60	60	60
Efficiency	85	85	85
Insulation Class	F	F	F
ARC Starting	HF	HF	HF
Gross Weight (KG)	9	17	19
Overall dimension(cm)	37.1*15.3*23.2	50.5*20.3*37.5	50.5*20.3*37.5
Quantity(20ft)	2120 Pieces	730 Pieces	730 Pieces

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Model No.
MIG - 250

Features

- Suitable for sheet over 0.8 mm
- cost saving and efficiency improving.
- With separated wire feeder, easy and considerable for operation.
- High Welding speed, high arcing success rate.
- Continuous and discontinuous welding function.
- Automatic voltage pulsation compensation capacity.
- Suitable for carbon steel, alloy steel, soft steel etc. and various wire.
- little spatter, uniform welding pool, good welding shape.

Inventor type Welding Machine

Model No.
MIG - 400



Specification for Inventor type machine

Model	MIG 250 F	MIG 400 F
Input voltage(V)	400	400
Frequency (HZ)	50/60	50/60
Rated input power capacity(KVA)	7.8	11
Output Current (A)	50-250	60-400
Duty cycle(%)	60	60
Efficiency	85	85
Diameter of wire(mm)	0.6/0.8/1.0/1.2	0.6/0.8/1.0/1.2
Insulation Class	F	F
Protection Class	IP21	IP21
Type of wire Feeder	Outside	Outside
Gross Weight(KG)	25	25
Overall Dimension(CM)	58.8*31*41.5	58.8*31*41.5
Quality (20ft)	370 Pieces	370 Pieces

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JAGDISH ELECTRICALS INDUSTRIES

8-A, National Highway, Dhuva-363621
Ta. Wankaner, Dist. Morbi (Guj.) INDIA.

Cell : +91 98790 001200
+91 98790 73732

 jagdishindustriess@yahoo.co.in

 jagdishweld@yahoo.com

 jagdishweld.com