



JEKSON ELECTRICALS

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"Spark Innovation,
Weld with Precision."



OUR COMPANY

Established with a vision to redefine precision in welding technology, Jekson Electricals has emerged as a leading force in the manufacturing and supply of cutting-edge welding machines. Headquartered in the industrially rich city of Rajkot, Gujarat, India, our journey began in 1998, and since then, we have been at the forefront of innovation, setting industry benchmarks for quality and reliability.

The story of Jekson Electricals is one of perseverance, innovation, and a commitment to excellence. From our modest beginnings, we have evolved into a powerhouse in the welding industry. The journey is marked by strategic decisions, investment in technology, and a deep understanding of the evolving needs of our clients. Our founders' vision laid the foundation for a company that not only manufactures welding machines but also shapes the future of welding technology.

 EXPORT AREA
05+

 HAPPY CLIENT
10K+

 PRODUCT RANGE
15+

MANUFACTURING EXCELLENCE IN RAJKOT

Situated in the industrial hub of Rajkot, our state-of-the-art manufacturing facility is equipped with advanced machinery and a skilled workforce. The strategic location in Rajkot, known for its industrial prowess, allows us to tap into a rich pool of talent and resources, facilitating the production of high-quality welding machines.

CORE VALUES

QUALITY : Our products are a testament to our commitment to quality. Each welding machine undergoes stringent quality control measures to ensure it meets the highest industry standards.

INNOVATION : We embrace innovation as a driving force. Our dedicated research and development team consistently explores new technologies to enhance the performance and capabilities of our welding machines.

CUSTOMER-CENTRIC APPROACH : Your satisfaction is at the heart of our business. We prioritize understanding your unique needs and delivering tailored solutions that exceed expectations.



OUR MISSION

Our mission at Jekson Electricals is to empower industries with cutting-edge welding technology that elevates efficiency, durability, and precision. We strive to be the preferred choice for businesses seeking reliable and advanced welding solutions.

OUR VISION

Our vision is to be a global leader in welding solutions, recognized for our unwavering commitment to quality, innovation, and customer satisfaction. We strive to empower industries with cutting-edge welding technology, contributing to progress through precision engineering and fostering enduring partnerships with our clients.

25+
EXPERIENCE



Pneumatic Welding

Projection Spot Welding

Multi Spot Welding

Seam Welder



Where metal meets mastery,
Welding machines sculpt the future.



Heavy Duty



High Quality



High Reliability



Cost Effective



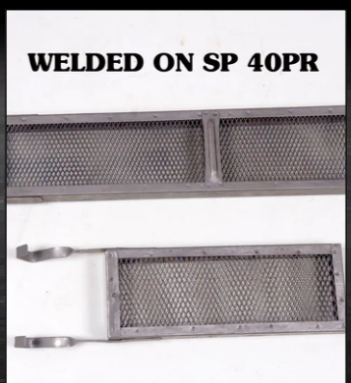
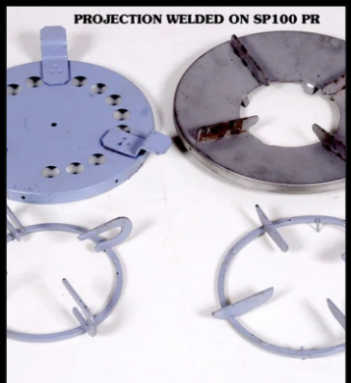
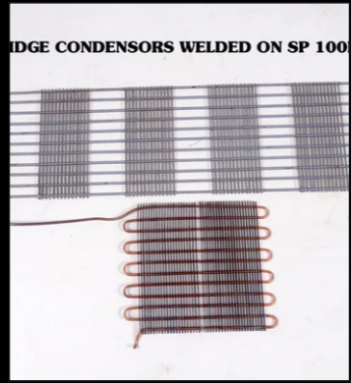
Low Maintenance





Pneumatic Welding Machine

Model			JPHS - 15k	JPHS - 20k	JPHS - 25k	JPHS - 30k	JPHS - 40k	JPHS - 50k	JPHS - 75k	JPHS - 100k
Rating @50% Duty Cycle (KVA)			15	20	25	30	40	50	75	100
Throat Depth (mm)			460	460	460	460	460	460	460	460
Throat Depth (inches)			18	18	18	18	18	18	18	18
Normal Throat Clearance (mm)			220	220	220	220	220	350	350	350
Normal Throat Clearance (inches)			8.6	8.6	8.6	8.6	8.6	14	14	14
Model			JPHS - 15k	JPHS - 20k	JPHS - 25k	JPHS - 30k	JPHS - 40k	JPHS - 50k	JPHS - 75k	JPHS - 100k
Welding range (Diameter) 2 x mm	Mild Steel Wire (M.S)	Max. 2 x mm	6.0	6.5	7.0	7.5	8.0	9.0	10.0	12.0
		Max. 2 x mm	0.6	0.64	1.2	1.2	1.6	2.0	2.0	2.0
	Stainless Steel Wire (M.S)	Max. 2 x mm	6.0	6.5	7.0	7.5	8.0	9.0	10.0	12.0
		Max. 2 x mm	0.6	0.64	1.2	1.2	1.6	2.0	2.0	2.0
Model			JPHS - 15k	JPHS - 20k	JPHS - 25k	JPHS - 30k	JPHS - 40k	JPHS - 50k	JPHS - 75k	JPHS - 100k
Welding range (Diameter) 2 x mm	Mild Steel Wire (M.S)	Max. 2 x mm	0.2362"	0.2559"	0.2756"	0.2952"	0.3149"	0.3543"	0.3937"	0.4724"
		Max. 2 x mm	0.0236"	0.0252"	0.0472"	0.0472"	0.0629"	0.0787"	0.0787"	0.0787"
	Stainless Steel Wire (M.S)	Max. 2 x mm	0.2362"	0.2559"	0.2756"	0.2952"	0.3149"	0.3543"	0.3937"	0.4724"
		Max. 2 x mm	0.0236"	0.0252"	0.0472"	0.0472"	0.0629"	0.0787"	0.0787"	0.0787"
Max. available Short circuit currents (AMPS)			8000	9000	10000	12000	14000	16000	20000	24000
Current Control			By means of 3-6 Position off-load Top Switch or through Controller Phase Shift Meth							
Insulation Class			A	A	A	A	A	A	A	A
Cooling For Arms and Electrodes			Water	Water	Water	Water	Water	Water	Water	Water
Compressed Air Line Pressure - Approx			1-2	1-3	1-4	1-4	2-4	2-5	2-5	2-5
Compressed Air Line Pressure - Approx			1-2	1-3	1-4	1-4	2-4	2-5	2-5	2-5
Compressed Air Line Pressure - Approx			14-30	14-50	14-60	14-60	30-60	30-70	30-70	30-80
Mains supply Voltage			415 V AC (+10%)	415 V AC (+10%)	415 V AC (+10%)	415 V AC (+10%)	415 V AC (+10%)	415 V AC (+10%)	415 V AC (+10%)	415 V AC (+10%)
Phases (nos.)			2	2	2	2	2	2	2	2
Frequency (Hz)			50/60	50/60	50/60	50/60	50/60	50/60	50/60	50/60
Mains Supply Cable Size (Copper mm2)			5	6	8	8	10	12	16	24
Mains Disconnection Switch (A)			40	50	75	75	100	150	200	250





Padel Spot welding machine with timer
Padel Spot welding machine with out timer

The symphony of sparks and steel,
 conducted by the welding machine's precision.

Particulars	Hand Spot Welding Machine			
Model	JSP-10	JSP-12	JSP-15	JSP-20
Rating @50 Duty Cycle (KVA)	10	12	12	20
Input Supply (Volts)	230/440	230/440	230/440	380/440
Phase	1/2	1/2	1/2	2
	SINGLE PHASE (2 LINES OF 3 PHASE SUPPLY)			
Insulation Class	A(Cu.)	A(Cu.)	A(Cu.)	A(Cu.)
Nomination Throat Clearance (MM)	230	230	230	230
Throat Depth (MM)	450	450	450	450
Max. Electrode Stroke (MM)	40	40	40	40
Nominal Electrode Force (Approx Kg.)	100	100	100	100
Max. Available Short Circuit Current (K. Amps.)	7.5	8	10	12
WELDING RANGE				
Mild Steel Thickness (MM)	2.5 0.3	3.0 0.4	3.0 0.5	3.5 0.6
Brass Steel Thickness (MM)	1.1 0.2	1.2 0.25	1.5 0.3	2.0 0.3
Stainless Steel Thickness (MM)	2.2 0.28	2.4 0.32	2.4 0.35	3.0 0.4
Cooling For Arms & Electrods	Water	Water	Water	Water
Cooling	Natural Air			
Approx Dimensions (HLW) MM	1200	1200	1200	1200
	660	660	660	700
	450	450	450	550
Weight With arm Approx (KG)	115	125	140	165



Heavy Duty



High Quality



High Reliability



Cost Effective



Low Maintenance





Welding power and precision,
the welding machine is the architect
of industrial evolution

Hand Spot Welding Machine

- 
Heavy Duty
- 
High Quality
- 
High Reliability
- 
Cost Effective
- 
Low Maintenance

Particulars	Hand Spot Welding Machine
Model	JSP-15
Output KVA	15
Input Primary Voltage (AC)	230V/440V
Rated Frequency (HZS)	50/60
No Load Voltage (Max OCV) (VOLT)	9
Primary Line Current (Max) (AMP)	55
Dimensions (Approx) (H*L*W*) (MM)	625X510X800
Weight (without gun & cable) (approx kg) = Aluminum/Copper	104/125
Gun & Cable Weight (approx Kg)	9.5
Output Work Cable With Water Cable Length (Mrt)	3
Earth Cable with Water Cable Length (Mtr)	3
Cooling	Natural Air
Insulation Class	A
Time Control (KA)	Solid State Electro
Output Current Selection (Way)	8 Step
Time Control (Step)	Cycle/Secound





From raw metal to refined artistry,
the welding machine
is the alchemist's tool of transformation.

Single & Double Holder Regulator Type Welding Machine

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Heavy Duty
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High Quality
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High Reliability
- 
Cost Effective
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Low Maintenance

Particulars	Regulator Type Welding Machine				
Model (AMPS)	300A	S400A	S400A	S400A	S450A
Input Supply (Volts)	230/440	230/440	280/440	380/440	380/440
Phase	1/2	1/2	2	2	2
Frequency (HZS)	50	50	50	50	50
Welding Current Range (AMPS)	60-300	60-400	60-450	60-400	60-450
Insulation Class	A	A	A	A	A
Open Circuit Volta. (O.C.V) (VOLTS)	60	60	60		
Max, Welding Current at 60% duty cycle (AMPS)	300	400	450	400	450
Welding Electrode Size min./max. (mm)	2.5/4	2.5/4	2.5/4	2.5/4	2.5/4
Cooling	Natural Air				
Approx Dimensions in mm (H/L/W)	625	625	625	840	840
	510	510	510	840	840
Approx Weight Aluminum (KGS)	800	800	800	630	630
	117	120	130	165	175





Air Cooled Stud Type Welding Machine

Sparks of innovation ignite the welding machine, shaping dreams into metal realities.



Heavy Duty



High Quality



High Reliability



Cost Effective



Low Maintenance

Particulars	Air Cooled Stud Type Welding Machine						
Model (AMPS)	150A	200A	250A	300A	350A	400A	450A
Input Supply (Volts)	230/440	230/440	230/440	230/440	230/440	230/440	230/440
Phase	1/2	1/2	1/2	1/2	1/2	1/2	1/2
Frequency (HZS)	50	50	50	50	50	50	50
Welding Current Range(AMPS)	45-150	50-200	50-250	60-300	60-350	60-400	60-450
Insulation Class	A	A	A	A	A	A	A
Open Circuit Volta. (O.C.V) (VOLTS)	45	50	50	60	60	60	60
Max, Welding Current at 60% duty cycle (AMPS)	120	160	200	300	350	400	450
Cooling	Natural Air						
Approx Dimensions in mm (H/L/W)	420	470	510	560	560	560	560
	560	670	700	825	825	825	825
	385	410	435	470	470	470	470
Approx Weight Aluminum (KGS)	40	45	55	65	65	75	75



Notes



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