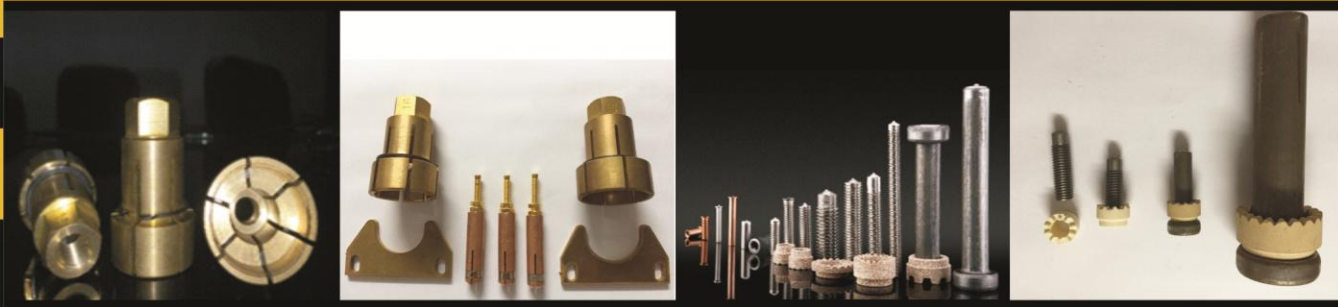




THE WELDING EXPERTS



WELDING MART

Email: weldingmart@rediffmail.com, weldingmart2@gmail.com

Contact: +91-9811819369, +91-9811679369

Capacitor Discharge Stud Welder

ADVANTAGES:

Welding Of Studs Is Possible Without Of Drilling Or Rivetting.
 No Additional Material Necessary, Such As Flux, Rings, Gas Etc.
 No Reworking Required On The Other Side Of The Weld
 Suitable For Mild Steels, Stainles Steels, Brass & Aluminium\
 Uniform Welding Quality With High Strength.



MODEL	STUDMASTER-I	STUDMASTER-II	STUDMASTER-III
Stud Range	M3-M8 or Ø 3 -8 mm in Mild steel, Stainless Steel, Brass, Copper & Aluminium	M3-M8 or Ø 3 -8 mm in Mild steel, Stainless Steel, Brass, Copper & Aluminium	M3-M8 or Ø 3 -10 mm in Mild steel, Stainless Steel, Brass, Copper & Aluminium
Input Voltage	230V AC, 50Hz, I-phase		
Welding Method	Tip Ignition		
Charging Capacity	66,000µf	99,000µf	1,32,000 µf
Charging Voltage	10 -180 V DC Step-less		
Digital Display	For charging Voltage Display		
Input (KVA)	0.75	0.85	1
Gun Type	Standard Contact Gun With Highly Flexible 4 Mtr Cable		
Weld Sequence	10-15Studs / min Depending Upon stud Diameter		
Ground Cable	Highly Flexible 3 Mtr.		
Weight	27Kg with Accessories	30 Kg with accessories	32 kg with accessories

Mini Spot Welder

STUDMASTER® inverter based portable **mini spot welder** is a specially designed spot welding machine, suitable for single side spot welding on different thickness sheets of mild steel & stainless steel with the help of specially designed spot welding gun.

The machine is designed for jobs that can't be accommodated in conventional type spot welding machines due to throat depth limitations or bigger size of jobs such as stiffener welding on steel Almira door, Almirashelves, passenger lift doors, flooring of passenger lift etc. Fitting of shelves in a Steel Almira, welding of sheet on square or round pipes. Welding of sheet on hollow structures cladding of S.S sheet on M.S sheet or structures



MODEL	MINI SPOT	MINI SPOT (SW-04)	MINI SPOT (SW-05)
INPUT SUPPLY	220VAC. 50Hz, Single Phase	380VAC. 50Hz, 3Phase	380VAC. 50Hz, 3Phase
INPUT KVA	4 At max current	10 at max. current	17.8 at max. current
OUTPUT CURRENT	10-200 A	20-400 A	20-500 A
WELD TIME	Digital timer	Digital timer	Digital timer
WELDING CAPACITY	0.2 -1mm. M.S Sheet to sheet and sheet to pipe	0.2-2 mm. M.S. Sheet to sheet and sheet to pipe	0.2- 2.5mm Sheet to sheet and sheet to pipe
WELDING GUN	Gas cooled gun with 4 mtr Long Lead	Water cooled gun with 4 mtr long lead	Water cooled gun with 4 mtr long lead
EARTHING LEAD	Lead fitted with clamp, 2.5mtr	Lead fitted with clamp, 2.5mtr	Lead fitted with clamp, 2.5mtr
GAS REQUIREMENT	Argon Gas (customer scope)	Argon Gas (customer scope)	Argon Gas (customer scope)
WEIGHT	17 kg with Accessories	37 kg with Accessories	45 kg with Accessories



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DRAWN ARC STUD WELDERS

MODEL: SMDA-12

- Weld Stud In Seconds Direct On The Job
- No Drilling, No Riveting.
- Uniform High Welding Quality
- Excellent Reliability
- No Additional Filler Material Required
- High Duty Cycle
- Can Weld On The Workpiece Having Oxide Layer And
- Electroplating On The Surface



SPECIFICATIONS :

MODEL	SMDA-12
STUD CAPACITY DIA (MM)	M3-M12
MAX. WELDING CURRENT (AMPS)	800
MAX POWER (KVA)	30
WELDING TIME (M.S)	30-600
WELDING SPEED	10-15 pc/min
INPUT VOLTAGE (V)	415 (+/- 10%) AC, 50Hz, 3 -PHASE
COOLING	FAN COOLED
PROTECTION CLASS	IP-23
DIMENSIONS (L x W x H)	500X300X550
WEIGHT	55 KG APPROX.
WELDING GUN TYPE	LIFT GUN WITH 6 MTR CABLE
GROUND CABLE	5 MTR LONG WITH EARTH CLAMP



MODEL : SMDA 1200/1600/2000/2500/3150

Features:

- Welds Studs directly on the job in seconds
- No drilling, no riveting
- No additional filler material required
- Compact, light in weight
- Higher duty cycle
- Excellent results



SPECIFICATIONS :

ITEM	SMDA-1250	SMDA-1600	SMDA-2000	SMDA-2500	SMDA-3150
POWER SUPPLY	380VAC, 50 HZ (3 PHASE)				
CURRENT RANGE	1250 (A)	1600 (A)	2000 (A)	2500 (A)	3150 (A)
DUTY CYCLE	20%	20%	20%	20%	20%
INSULATION	CLASS-B	CLASS-B	CLASS-B	CLASS-B	CLASS-B
CAPACITY	50 KVA	70KVA	90 KVA	110 KVA	140
WELDING TIME	0.1-5 (S)				
STUD DIAMETER	3-12mm	6-16mm	6-22mm	6-25mm	13-28mm
WEIGHT	65 Kg	80 Kg	110 Kg	115 Kg	140 Kg

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INVERTER BASED WELDING MACHINES

ARC- 200 T



ARC- 250 G



ARC- 400 G



ARC- 400 IGBT



TIG- 200 A



TIG- 315 AC/DC



TIG- 300 A



TIG- 400 IGBT



MIG- 200 GW



MIG- 250 GF



MIG- 400 IGBT



MIG-500 IGBT



CUT- 40



CUT- 60



CUT- 100 IGBT



CUT- 160



SAW- CARRIAGE



SAW- 1250



MIG- 300 GW



TIG- 200 AC/DC



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