

AMBITION WELD INDUSTRIES

CAPACITOR DISCHARGE STUD WELDING



FEATURES

1
Phase

50/60
Hz

JCD-10

- The process minimize the depth of penetration into parent metal surface & shear connector.
- Elimination of different operation such as Drilling , Punching , Threading , Gluing , Riveting or any type of Screwing etc.
- No Welding marks on reverse side of coated or high alloyed plates
- No additional material require I.e flux , electrode , filler wire , inert gas etc.
- Very short welding time (1 ms to 1500 ms), fast & high quality weld
- Repeatable energy independent of line voltage fluctuations
- Fast energy release, suitable for welding highly conductive metals with Small heat affected zones
- No re-working necessary on other side of weld
- Fast & easy method of welding , handling, leads to high productivity.

Technical Specification

PARAMETER	JCD-10
Input voltage	V AC 220 + 10% / 50-60 HZ
Phase	Single
Power Supply	Electrolytic Capacitor
Charging Voltage	35~190 DC
Charging Capacitance	99000 uf
Rated input welding Current	11 Amps
Current	3000-9000 Amps
Discharge Time	0.001-0.003 Sec
Stud welding range	M2-M10
Welding Speed	10-25 pcs/ min
Material	M.S , S.S , Aluminium , Brass
Cooling	Air
Dimension(L*W*H)	250*275*375
Weight	18 kg

Capacitor Discharge stud welding torch



socket wrench

chuck