

## TECHNICAL SPECIFICATION OF ARC WELDER

Type	150 Amps	200 Amps	250 Amps	300 Amps	350 Amps	400 Amps	500 Amps	600 Amps
Welding Current Range	35–100 A	35–300 A	50–250	35–300 A	50–350	50–400 A	50–500 A	60–600 A
Welding Volts Range Continuous Hand Welding	24–30V	24–30V.	24–300	24–30V.	25–35V.	25–38V.	25–42V.	28–44V.
Current @ 55% duty Cycles Max Intermittent current	120 Amps	150 Amps	175 Amps	240 Amps	275 Amps	300 Amps	375 Amps	450 Amps
@ 35% duty cycles Continuous Welding current	150 Amps	200 Amps	250 Amps	300 Amps	350 Amps	400 Amps	500 Amps	600 Amps
@ 100% duty cycles	80 Amps	105 Amps	120 Amps	170 Amps	180 Amps	210 Amps	280 Amps	320 Amps
Open Circuit Voltage	60V	65V	65V	65V	65V	65V	65V	70V
Electrode Sizes continuous	10–16 swg	8–16 swg	8–16 swg	6–16 swg	6–16 swg	4–14 swg	2–12 swg	
Electrode sizes Intermittent	8 swg	6 swg	8 swg	4 swg	6 swg	2 swg	0 swg	0 swg
Rated K.V.A.	6 KVA	8 KVA	10 KVA	15 KVA	18 KVA	21 KVA	28 KVA	32 KVA
Fuse Rating Max at 400 V Capacitor for Power Factor	15 Amps	20 Amps	25 Amps	45 Amps	50 Amps	55 Amps	65 Amps	80 Amps
Correction K.V.A.	...	5	6	7	8	8	9	10KVA
Primary Supply	400/440V	50 Cycle AC.						

**Jermex: Welding Transformers are available for single Phase as well as two Phase connection as per customer's specification.**