

Resistance butt welders N3, N12 & N20 are especially designed for wire drawing mills for joining steel, brass, aluminium and copper rods and are recommended for non heavy duty applications.

The N22 butt welders are especially designed for wire drawing mills for joining steel, brass, aluminium and copper rods. They are recommended for light duty applications.



N 3

N 9

N 12

N 22

N 20

OPTIONS



EMERY WHEEL



N 22 WHEELS KIT

		N 3		N 9		N 12		N 22		N 20	
		MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	MAX
Fe	∅ mm mm ²	0.5 —	2.5 4.9	0.8 —	8 50	2 —	14 150	3 —	18 250	8 —	22 —
CrNi	∅ mm mm ²	0.5 —	1.2 1.1	0.8 6	6 28	2 —	9 65	3 —	16 200	— —	— —
Al	∅ mm mm ²	0.8 —	2 3.1	2 —	5 20	2 —	8 50	4 —	12 110	4 —	— —
Cu	∅ mm mm ²	0.5 —	1.8 2.5	1.5 —	3.5 10	2 —	6 28	4 —	8 50	— —	— —
CuZn	∅ mm mm ²	0.5 —	1.8 2.5	1.5 —	3.5 10	2 —	6 28	4 —	14 150	— —	— —

TECHNICAL SPECIFICATIONS		N3	N9	N12	N22	N20
Single phase input 50/60 Hz	V	400	400	400	400	400
Rated power at 50%	kVA	0.8	3	4	20	20
Max. welding power	kVA	2	9.6	18	93	88
Installed power	kVA	1	3	4	15	15
Cross section connecting cables	mm ²	2.5	2.5	2.5	16	-
Fuse (delayed action)	A	10	10	10	40	-
Secondary voltage	V	2	2.6	2.4	4.2	4.4
Secondary short circuit current	kA	1.2	4.4	10	28	25
Clamping force	daN	10	20	200	300	400
Upsetting force	daN	1.3	80	80	1000	250
Max. capacity on mild steel	mm ²	4.9	50	150	250	-
Wire Diameter	min/max	0.5 / 2.5	0.8 / 8.0	2.0 / 14.0	3.0 / 18.0	8.0 / 22.0
Dimensions (mm)	W x L x H	518 x 151 x 1145	565 x 565 x 1100	770 x 660 x 1120	800 x 600 x 1550	800 x 880 x 1200
Weight	kg	52	80	80	280	320
Jaws Closing	-	A	A	A	A	A