

## KempoMat

KempoMat		2100	2500
Connection voltage	400V 3~, 50/60 Hz	380 V -10 %...415 +6 %	380 V -10 %...415 +6 %
	230V 3~, 50/60 Hz	220 V -10 %...240 +6 %	220 V -10 %...240 +6 %
Rated power at max current		7.5 kVA	9.2 kVA
Connection cable	H07RN-F	3G1.5 (5 m)	4G2.5 (5m)
Fuse, delayed		10 A	10 A
Load capacity 40 °C	40% ED	200 A / 23 V (25%)	250 A / 26 V (30%)
	60 % ED	130 A/20.5 V	180 A/23 V
	100% ED	100 A / 19 V	140 A / 21 V
Open circuit voltage, max		40 V	35 V
Voltage steps		10	10
Power factor at max current		0.95	0.95
Efficiency at maximum current		0.85	0.75
Welding range		30 A/14 V–200 A/24 V	40 A/14 V–250 A/26 V
Filler wires	∅ mm	0.6...1.2	0.6...1.2
External dimensions	L x W x H, mm	910 x 410 x 820	930 x 440 x 860
Weight	kg	54	80

KempoMat		3200	4200
Connection voltage	400V 3~, 50/60 Hz	380 V -10 %...415 +6 %	380 V -10 %...415 +6 %
	230V 3~, 50/60 Hz	220 V -10 %...240 +6 %	220 V -10 %...240 +6 %
Rated power at max current		13.6 kVA	18.5 kVA
Connection cable	H07RN-F	4G2.5 (5m)	4G6 (5m)
Fuse, delayed		16 A	16 A
Load capacity 40 °C	40% ED	320 A / 32 V	420 A / 37.5 V
	60 % ED	265 A/27 V	325 A/31 V
	100% ED	205 A / 24 V	265 A / 27 V
Open circuit voltage, max		42 V	48 V
Voltage steps		40	32 (230 V), 56 (400 V)
Power factor at max current		0.95	0.95
Efficiency at maximum current		0.75	0.80
Welding range		40 A/15 V–320 A/32 V	40 A/15 V–420 A/37.5 V
Filler wires	∅ mm	0.6...1.6	0.6...1.6
External dimensions	L x W x H, mm	970 x 480 x 970	970 x 480 x 970
Weight	kg	118	130

KempoMat		1701
Connection voltage	230 V 1~, 50/60 Hz	220 (-10 %)...240 (+6 %)
Rated power at maximum current		6.5 kVA
Connection cable	H07RN-F	3G1.5 (5 m)
Fuse, delayed		16 A

Load capacity 40 °C	15 % ED	170 A / 21 V
	60 % ED	85 A/18.5 V
	100 % ED	76 A/17.5 V
Open circuit voltage, maximum		40 V
Voltage steps		8
Power factor at maximum current		0.85
Efficiency at maximum current		0,70
Welding range		30 A/14 V–170 A/22.5 V
Filler wires	ø mm	0.6...1.2
External dimensions	L x W x H, mm	850 x 392 x 750
Weight	kg	47

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