

ELECTRIC DISCHARGE MACHINE

CM240R+50MH/MP



SPECIFICATIONS

MACHINE		CM 120	CM 240R	CM 380	CM 420	CM 545	CM 655	CM 1065R
Work table size (W X D)	mm / inch	500x 250/ 19.7x 13.8	500 x 350/ 19.7x 13.8	650x 400/ 25.6 x 13.8	700x 400/ 27.5x 15.8	800x 500/ 31.5x 19.7	1000x 600/ 39.4x 23.6	1200x 800/ 47.2x 31.5
Table travel (X, Y)	mm / inch	260x 160 / 10.2x 6.3	300x 200/ 11.8x 7.9	400x 300/ 15.7x 11.8	450x 350/ 17.71x13.77	500x 400/ 19.7x 15.7	600x 500/ 23.6x 19.7	1000x 600/ 39.4x 23.6
Work tank (W X D X H)	mm / inch	700x 400x 280/ 27.6x 15.7x 11	820x 500x 300/ 32.3x 19.7x 11.8	1050x 600x 300/ 41.3x 23.6x 11.8	1120x 650x 360/ 44.09x 25.59x 14.1	1250x 650x 360/ 44.09x 25.59x 14.1	1500x 800x 500/ 59.0x 31.5x 19.7	2000x 1200x 660/ 78.7x 47.2x 25.9
Ram servo travel(Z1)	mm / inch	200/ 7.9	200/ 7.9	200/ 7.9	200/ 7.9	200/ 7.9	500x 19.7	500/ 19.7
Work head travel(Z2)	mm / inch	*	200(Manual) / 7.9	200(Manual) / 7.9	200(Manual) / 7.9	*	*	*
RAM platen towork table	mm / inch	245-445/ 9.7-17.5	160-560/ 6.29-22.04	250-650/ 9.84-25.59	250-650/ 9.84-25.59	200-700/ 7.8-27.5	260-810/ 10.2-31.9	450-950/ 17.7-37.4
Max. electrode weight	kg/ lbs	50/ 110.2	60/ 132.3	80/ 176.3	80/ 176.3	300/ 661.4	360/ 661.4	500/1102.3
Max. workpiece weight	kg/ lbs	300/ 661.4	500/ 1102.3	950/ 2094.4	950/ 2094.4	1500/ 3306.9	2250/ 4960.3	5000/ 11023.1
Outside dimensions (W X D X H)	mm / inch	1200x 1200x 2020 /47.2x 47.2x 79.5	1300x 1300x 2220 / 51.2x 53.9x 87.4	1400x 1340 x 2190 / 55x 52.7x 86.2	1470x 1360x 2170/ 57.8x 53.5x 85.4	1600x 1600x 2570 / 63x 63x 101.1	1860x 1700x 2800 / 73.2x 66.9x 110.2	2500x 2900x 3240 / 98.4x 114.2x 127.5
Weight of machine unit	kg/ lbs	750/ 1653.4	1000/ 2204.6	1400/ 3086.4	1550/ 3417.1	3200/ 7054.7	3500/ 7716.1	6500/ 14330

POWER SUPPLY		36MH/MP	50MH/MP	75MH/MP	100MH/MP	125MH/MP	150MH/MP
Max. machining current	A	36	50	75	100	125	150
Total power input	KVA	4	4	5	8	10	10
Max. metal removal rate	mm ³ / inch ³	250/ 0.015	350/ 0.021	550/ 0.034	700/ 0.043	900/ 0.055	1050/ 0.064
Electrode wear ratio	%	0.2	0.2	0.2	0.2	0.2	0.2
Best surface roughness	μmRa	0.25	0.25	0.25	0.25	0.25	0.25
Outside dimensions (W X D X H)	mm / inch	450x 470x 1650 / 17.7x 18.5x 64.7	450 x 470x 1650 / 17.7x 18.5x 64.7	450 x 470 x 1650 / 17.7x 18.5 x 64.7	450 x 470 x 1650 +450x 470x 1650 / 17.7x 18.5x 65 +17.7x 18.5x 65	450 x 470 x 1650 +450x 470x 1650 / 17.7x 18.5x 65 +25.2x 19.3x 70.9	450 x 470 x 1650 +450x 470x 1650 / 17.7x 18.5x 65 +25.2x 19.3x 70.9
Weight	kg / lbs	150/ 330.7	180/ 396.8	220/485	360/ 739.7	400/ 881.8	440/ 970

DIELECTRIC		D210	D220	D235	D240	D250	D260
Capacity	l /gal	180/ 36.9(UK) / 47.6(US)	280/ 61.6(UK) / 74.0(US)	390/ 85.8(UK) / 103(US)	600/ 132.0(UK) / 177.7(US)	900/ 198.0(UK) / 237.8(US)	1400/ 307.9(UK) / 1369.9(US)
Filter method	Paper-filter	2	2	2	4	4	8
Pump	HP	0.5	0.5	0.5	0.5 x 2	0.5 x 2	1x1+0.5x1
Net Weight	kg/ lb	Built in	Built in	80/ 176.3	110/ 242.5	160/ 352.7	350/ 771.6
Outside Dimensions (W X D X H)	mm / inch	Built in	Built in	1400x 700x 450 / 55.1x 27.5x 17.7	1200x 600x 500 +1200x 600x 500 / 47.2x 23.6x 19.7 +47.2x 23.6x 19.7	1500x 760x 600 +1500x 760x 600 / 59.1x 29.9x 23.6 +59.1x 29.9x 23.6	2200x 700x 630 +1450x 480x 630 +1450x 480x 630