

ELECTRIC DISCHARGE MACHINE

CM655C+75N



SPECIFICATIONS

MACHINE BODY		CM323C	CM434C	CM655C	CM855C	CM1055C	CM1265C
Table size (W X D)	mm / inch	500x350 / 19.7x 13.8	650 x 400/ 23.6 x 13.8	900 x 600 / 39.4 x 23.6	1000 x 600 / 39.4 x 23.6	1200 x 800 / 47.2 x 31.5	1500 x 800 / 59.1 x 31.5
Work tank size (W X D X H)	mm / inch	820x 500x 300 / 32.3x 19.7x 11.8	1050 x 630 x 360/ 41.3 x 24.8 x 14.1	1500 x 800 x 500/ 59.1 x 31.5 x 19.7	1600 x 1000 x 610/ 63 x 39 x 24.0	2000 x 1200x 660 / 78.7 x 49.2 x 25.9	2600 x 1400 x 700 / 102.3 x 55.1 x 27.5
Table travel (X, Y)	mm / inch	300 x 200 / 11.8x 7.9	400 x 300 / 15.7 x 11.8	600 x 500/ 23.6 x 19.7	800 x 500 / 31.5 x 19.7	1000 x 500b / 39.4 x 19.7	1200 x 600 / 47.2 x 23.6
Ram travel(Z1)	mm / inch	300 / 11.8	350/ 13.8	500 / 19.7	500/ 19.7	500 / 19.7	500 / 19.7
Distance from RAM platen to work table	mm / inch	250-550 / 9.8-21.7	250-600/ 908-23.6	250-750 / 9.8-29.5	300-800 / 11.8-31.5	450-950 / 17.7-37.4	500-1000 / 19.7-39.4
Max. electrode weight	kg	60	100	300	350	350	500
Max. workpiece weight	kg	500	1000	4000	4000	5000	7500
Outside dimensions (W X D X H)	mm / inch	1200 x 1350 x 2250 / 47.2 x 53.1x 88.5	1240 x 1380 x 2230 / 48.8 x 54.3 x 87.8	1860 x 1700 x 2760/ 73.2 x 66.9 x 108.7	1800 x 2400 x 2800/ 70.8 x 94.4 x 110.2	2500 x 2900 x 3150 / 98.4 x 114.1 x 124	2700 x 3000 x 3200 / 106.2 x 118 x 125.9
Weight (kg)		1000	1400	3500	4500	6500	8500
For Dielectric		D220	D235	D655	D855	D1055	D1265

POWER SUPPLY UNIT		50N	75N	125N	150N
Max. machining current	A	50	75	125	150
Max. power input	KVA	4	5	9	10
Max. machining speed	mm ³ / min	350	550	900	1050
Electrode wear rate	%	0.2	0.2	0.2	0.2
Best surface roughness	μm / Ra	0.25	0.25	0.25	0.25
Outside dimensions (W X D X H)	mm	620 x 850 x 1860	620 x 850x1860	620 x 850 x 1860 +450 x 470 x 1650	620 x 850 x 1860 +450 x 470 x 1650
Weight	kg	180	220	400	440

DIELECTRIC		D220	D235	D655	D855	D1055	D1265
Volume	L	280	390	1300	1600	2100	3500
Filter	method	Paper filter	Paper filter	Paper filter	Paper filter	Paper filter	Paper filter
Power	HP	0.5	0.5	0.5 x 1 1x 1	0.5 x 1 1 x 1	0.5 x 2 1 x 1	0.5 x 2 1 x 1
Weight	kg	Built in	80	220	250	350	450
Outside Dimensions (W X D X H)	mm	Built in	1400 x 800 x 430	2500 x 1000 x 480 +1200 x 600 x 480	2500 x 1000 x 480 +1200 x 600 x 480 +1200 x 600 x 480	3000 x 1000 x 480 +1450 x 500 x 480 +1450 x 500 x 480	3000 x 1500 x 580 +1800 x 630 x 580 +1800 x 630 x 580