

Electrical Discharge Machine



P-90



K-50 / K-60



D-50 / D-60



S-50 / S-60

MACHINE SPECIFICATIONS

SPECIFICATION	UNIT	P-60	P-90	K-50	K-60	K-90
X, Y-Travel	mm	400 x 300	500 x 400	300x200	400x300	500x400
Z-Travel	mm	300 mm	300 (290)	300	300	300(290)
Table dimension	mm	600 x 320	760 x 440	600 x 360	660 x 380	820 x 500
Work tank dimension	mm	800x540x280	1050x660x360	720x460x260	900x560x300	1100x700x350
Max. table-quill distance	mm	500	680	490 mm	500	710
Max. electrode weight	kgs	40	60	30	40	60
Max. table loading	kgs	800	1200	600	800	1200
Dielectric tank capacity	Litre	200 + 200	400	200	400	400
Filters	PCS	2	3	2	2	3
Machine weight	kgs	2100	2550+520	1650	1900	2500+210
Machine height	mm	2240	2450 ~ 2740	2240	2260	2600-2330
Nominal current		30A/5A, 45A/5A, 60A/5A		30A/5A, 45A/5A, 60A/5A		60A/5A, 90A/5A, 120A/5A
Input voltage		220/380/415/440V		220/380/415/440V		220/380/415/440V
Connected rating		4KVA / 5.5KVA / 7KVA		4KVA / 5.5KVA / 7KVA		7KVA / 10KVA / 13KVA
Max. stock removal rate	mm ³ /min	200 / 300 / 400		200 / 300 / 400		400 / 600 / 800
Best surface roughness		Ra ≤0.1µm		Ra ≤ 0.1µm		Ra ≤ 0.1µm
Best electrode wear rate		<0.2% (specific equip.<0.1%)		<0.2%(specific equip.<0.1%)		<0.2%(specific equip.<0.1%)

MACHINE SPECIFICATIONS

SPEC/MODEL	UNIT	D 50	D 60	SD 60
X, Y-Travel	mm	300x200	400x300	400x300
Z-Travel (backslide)	mm	360	360	360
Table dimension	mm	410 x 210	550 x 310	550 x 310
Maximum distance of table-quill (Guide)	mm	350	400	400
Capacity	Litre	30	30	110
Machine weight	kgs	900	1300	1500
Backslide Travel	mm	140	190	190
Vertical head travel	mm	160	160	160
Electrode pipe dimension	mm		Ø0.3-Ø3.0 (Ø0.1-Ø6.0)	
Maximum workpiece dimension	mm	630x520x300	1000x650x300	750x560x300

CNC Series Electrical Discharge Machine



ZNC-T-50 / T-60



CNC Series
M-860 / M-3010



ZNC-T-90 / T-120

MACHINE SPECIFICATIONS

SPEC/MODEL	UNIT	M-860	M-1060	M-1270	M-1470	M-1675	M-1880	M-2010	M-2210	M-3010	
X, Y-Travel	mm	800x600	1000x600	1200x700	1400x700	1600x750	1800x800	2000x1000	2200x1000	3000x1000	
Z-Travel	mm	500	500	500	500	600	600	600	600	600	
Table dimension	mm	1250 x 750	1250 x 750	1350 x 820	1850 x 1000	1850 x 1000	1850 x 1000	2250x1100	2250 x 1100	3100 x 1100	
Work tank dimension	mm	1570x1050x500	1670x1050x500	1870x1200x500	2010x1300x500	2320x1300x580	2420x1300x580	2510x1620x650	2570x1620x650	3790x1650x650	
Maximum table-quill distance	mm	420-920	420-920	510-1010	550-1050	450-1050	450-1050	660-1260	660-1260	750-1350	
Maximum electrode weight	kgs	100	100	100	100	200	200	300	300	300	
Maximum table loading	kgs	6000	7000	8000	8500	9500	10500	12000	13000	16000	
Dielectric tank capacity	Litre	1400	1600	1800	2000	2600	2800	3800	4200	6000	
Filters	pcs	6	6	6	6	8	8	8	8	8	
Machine weight	kgs	5200	5600	6600	8100	8600	9100	12600	13600	20600	
Machine height	mm	3160	3160	3180	3370	3370	3370	3680	3680	3850	
Nominal current		60A/5A . 90A/5A . 120A/5A					60A/5A . 90A/5A . 120A/5A				
Input voltage		220/380/415/440V					220/380/415/440V				
Connected rating		7KVA / 10KVA / 13KVA					7KVA / 10KVA / 13KVA				
Maximum stock removal rate	mm ³ /min	400 / 600 / 800					400 / 600 / 800				
Best surface roughness		Ra≤ 0.1µm					Ra≤ 0.1µm				
Best electrode wearing rate		<0.2% (specific equip.<0.1%)					<0.2% (specific equip.<0.1%)				

MACHINE SPECIFICATIONS

SPEC/MODEL	UNIT	S-50	S-60	S-90	T-30	T-50	T-60	T-90	T-120
X, Y-Travel	mm	300x200	400x300	500x400	200 x 150	300 x 200	400 x 300	500 x 400	600 x 500
Z-Travel	mm	300	300	300 (290)	200	300	300	300 (290)	300 (290)
Table dimension	mm	600 x 360	660 x 380	820 x 500	360 x 220	560 x 300	660 x 380	820 x 500	1100 x 620
Work tank dimension	mm	720x460x260	900x560x300	1100x700x350	520x330x240	700x460x270	1040x580x320	1300x760x430	1650x1000x500
Maximum table-quill distance	mm	490	500	710	440	500mm	520	710	850
Maximum electrode weight	kgs	30	40	60	20	30 kgs	40	50	60
Maximum table loading	kgs	600	800	1200	350	800 kgs	1000	1600	2600
Dielectric tank capacity	Litre	200	400	400	120	200 Litre	400	600	1000
Filters	pcs	2	2	3	2	2 PCS	2	3	3
Machine weight	kgs	1650	1900	2500+210	760	1400 kgs	1650	2500 + 210	3500 + 290
Machine height	mm	2240	2260	2600-2330	2100	2240 mm	2260	2280 - 2570	2580 ~ 2870
Nominal current		30A/5A, 45A/5A, 60A/5A		60A/5A, 90A/5A, 120A/5A		30A / 5A, 45A / 5A, 60A / 5A			60A / 5A, 90A / 5A, 120A / 5A
Input voltage		220/380/415/440V		220/380/415/440V		220 / 380 / 415 / 440V			220 / 380 / 415 / 440V
Connected rating		4KVA / 5.5KVA / 7KVA		7KVA / 10KVA / 13KVA		4KVA / 5.5KVA / 7KVA			7KVA / 10KVA / 13KVA
Maximum stock removal rate	mm ³ /min	200 / 300 / 400		400 / 600 / 800		200 / 300 / 400 mm ³ / min			400 / 600 / 800mm ³ /min
Best surface roughness		Ra≤ 0.1µm		Ra≤ 0.1µm		Ra □ 0.1µm			Ra □ 0.1µm
Best electrode wearing rate		<0.2% (specific equip.<0.1%)		<0.2% (specific equip.<0.1%)		< 0.2% (specific equip.< 0.1%)			< 0.2% (specific equip.< 0.1%)