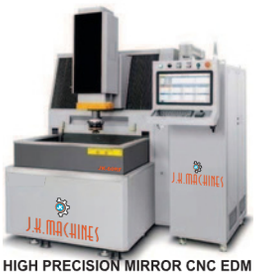
OUR PRODUCTS RANGE



CNC EDM NEXT GEN V1.1 (Pg. No. 03)



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CNC ENGRAVING (Pg. No. 15 & 16)



CNC WOOD ROUTER (Pg. No. 17)



CUTTER GRINDER'S (Pg. No. 18)



DIGITAL READOUT (Pg. No. 19)



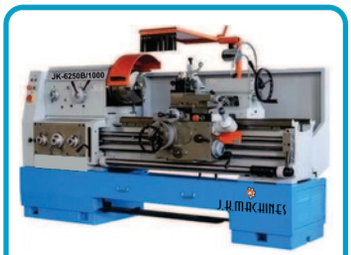
CONSUMABLES/SPARES (Pg. No. 20)



VERTICAL TURRET MILLING (Pg. No. 21)



HYDRAULIC SURFACE GRINDER (Pg. No. 22)



ALL GEARED LATHE (Pg. No. 23)



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Salient fetures

- Micro processor based Techmation / Porcheson controller.
- Nitrided steel screw & barrel directly driven by high torque hyd. motor
- Multi stage speed pressure & position for injection & clamping
- Screw cold start prevention
- Close loop barrel temperature control
- Molding condition monitoring with alarm
- Low pressure mold protection device
- Hydraulic RAM type clamping system
- Safety sensor for machine & operator safety
- Automatic purge system
- Emergency stop
- Proportional pressure & flow control valves
- Barrel cover
- Set of easy damage parts
- Level Pads / Tool kit set
- Steel Hopper



STANDARD



SINGLE/DOUBLE/ROTARY SLIDE

Vertcal Injection Molding (Standard Table)

Specification	Unit	ST-160		ST-200		ST-400		ST-550		ST-700		ST-900		ST-1200		ST-1600	
Screw Diameter	mm	22	25	28	32	32	36	32	36	36	42	36	42	45	50	50	55
Injection Pressure	kg/cm²	1627	1260	1446	1107	1659	1311	1659	1311	1722	1265	1722	1265	1572	1275	1855	1533
Theoretical Shot Volume	cm³	40	52	68	88	96	122	96	122	183	249	183	249	286	352	431	522
Max. Shot Weight	g/oz	36/1.30	46/1.60	61/2.10	79/2.70	86/3.00	109/3.80	86/3.00	109/3.80	164/5.70	224/7.80	164/5.70	224/7.80	25/9.00	316/11	387/13.5	470/16.4
Injection Rate	cm³/sec	36	46	50	65	57	73	57	73	91	124	91	124	150	185	159	193
Temperature Control	zone	2		3		3		3		4		4		4		4	
Material Hopper Capacity	L	15		15		15		15		30		30		60		60	
Clamping Force	T	16		20		40		55		70		90		120		160	
Opening Force	T	6.3		5		4		5		11		16		19		16.5	
Distance Between Tie Bars	mm	280 x 145		355 x 225		415 x 255		490 x 300		500 x 340		560 x 410		660 x 510		660 x 630	
Min. Mold Height	mm	120		100 (150 Optional)		150 (200 Optional)		150 (200 Optional)		200 (250 Optional)		200 (250 Optional)		250 (300 Optional)		300 (350 Optional)	
Opening Stroke	mm	160		180		200		200		250		270		300		300	
Max. Open Daylight	mm	280		280 (330 Optional)		350 (400 Optional)		350 (400 Optional)		450 (500 Optional)		470 (520 Optional)		550 (600 Optional)		600 (650 Optional)	
Ejector Force	T	1.30		1.30		1.30		1.30		2.70		2.70		3.90		5.40	
Ejector Stroke	mm	40		40		50		50		60		60		75		95	
Max. Hydraulic Pressure	kg/cm²	140		140		140		140		140		140		140		140	
Pump Output	L	80		130		180		180		200		250		350		400	
Pump Motor Power	kw	3		4		5.50		5.50		11		11		15		18.50	
Barrel Heating Power	kw	2.10		2.70		3.60		3.60		4.50		4.50		7.70		10.50	
Total Wattage	kw	5.10		6.70		9.10		9.10		15.50		15.50		22.70		29	
Machine Weight	kg	760		1200		1700		1900		3000		4200		5800		7300	
Machine Dimension	mm	1300 x 800 x 2300		1400 x 900 x 2400		1800 x 1000 x 2400		1800 x 1000 x 2400		2000 x 1200 x 3100		2200 x 1300 x 3100		2600 x 1100 x 3600		2700 x 1200 x 3800	

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