

## Vertical Injection Molding (Standard Table)



### Salient features

- 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

Specification	Unit	ST-160	ST-200	ST-400	ST-550	ST-700	ST-900	ST-1200	ST-1600
Screw Diameter	mm	22	28	32	36	36	42	45	50
Injection Pressure	kg/cm <sup>2</sup>	1627	1446	1659	1311	1722	1265	1572	1275
Theoretical Shot Volume	cm <sup>3</sup>	40	68	96	122	183	249	286	352
Max. Shot Weight	g/oz	36/1.30	61/2.10	86/3.00	109/3.80	164/5.70	224/7.80	259/9.00	316/11.11
Injection Rate	cm <sup>3</sup> /sec	36	50	57	73	91	124	150	185
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/cm <sup>2</sup>	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

# OUR PRODUCTS RANGE



CNC EDM (Pg. No. 03)



CNC EDM (Pg. No. 04)



ZNC EDM DC SERVO (Pg. No. 05)



ZNC EDM AC SERVO (Pg. No. 06)



CNC DRILL EDM (Pg. No. 07)



DRILL EDM (Pg. No. 08)



CNC WIRE CUT DC STEPPER (Pg. No. 09)



CNC WIRE CUT AC SERVO (Pg. No. 10)



LASER WELDING (Pg. No. 11)



HAND HELD LASER (Pg. No. 12)



FIBER LASER CUTTING (Pg. No. 13)



LASER MARKING/ENGRAVING (Pg. No. 14)



MIRO TIG WELDING (Pg. No. 14)



CNC ENGRAVING (Pg. No. 15)



CNC ENGRAVING (Pg. No. 15)



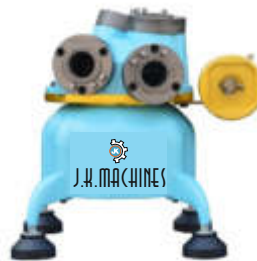
CNC ENGRAVING (Pg. No. 16)



CNC ENGRAVING (Pg. No. 16)



CNC WOOD ROUTER (Pg. No. 17)



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DRILL BIT GRINDER (Pg. No. 18)



SINGLE LIP GRINDER (Pg. No. 18)



DIGITAL READOUT (Pg. No. 19)



CONSUMABLES/SPARES (Pg. No. 20)



VERTICAL MOULDING (Pg. No. 21)

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