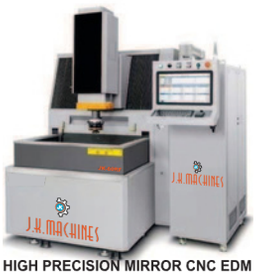
OUR PRODUCTS RANGE



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



HIGH PRECISION MIRROR CNC EDM
AUTOMATIC LIFTING OIL TANK (Pg. No. 04)



CNC EDM (Pg. No. 05)



CNC EDM (Pg. No. 06)



ZNC EDM DC SERVO (Pg. No. 07)



ZNC EDM AC SERVO (Pg. No. 08)



DRILL EDM NEXT GEN (Pg. No. 09)



CNC DRILL EDM (Pg. No. 10)



WIRE CUT EDM STEPPER (Pg. No. 11)



WIRE CUT EDM SERVO (Pg. No. 12)



MOULD LASER WELDING (Pg. No. 13)



LASER MARKING/ENGRAVING
MICRO TIG WELDINNG (Pg. No. 14)



CNC ENGRAVING (Pg. No. 15 & 16)



CNC ENGRAVING (Pg. No. 15 & 16)



CNC WOOD ROUTER (Pg. No. 17)



CUTTER GRINDER'S (Pg. No. 18)



DIGITAL READOUT (Pg. No. 19)



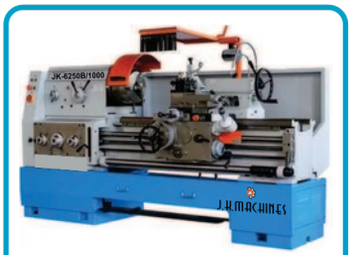
CONSUMABLES/SPARES (Pg. No. 20)



VERTICAL TURRET MILLING (Pg. No. 21)



HYDRAULIC SURFACE GRINDER (Pg. No. 22)



ALL GEARED LATHE (Pg. No. 23)



RADIAL DRILL MACHINE (Pg. No. 24)



VERTICAL MOULDING (Pg. No. 25)



ELECTRICAL SCOOTY (Pg. No. 26)

J.K. MACHINES



UNIVERSAL / HORIZONTAL MILLING MACHINE

KNEE TYPE MILLING MACHINE

VERTICAL MILLING MACHINE

Salient Features

- ☑ All casting of IS 210 grade FG 260 & stress relieved for sustained accuracy
- ☑ Power operated feeds & rapid traverses
- ☑ Wide range of feed & speeds with Servo Motors
- ☑ Table - slide with dovetail and cross - slide and knee - slide having · at guide ways provide strength to with stand heavy cutting forces
- ☑ Geomaetric is as per IS test chart 2200 / 2201
- ☑ Gears are made of alloy steel
- ☑ Central lubrication for guide ways and lead screws
- ☑ Splash lubrication for Speeds & Feed Gear Box
- ☑ Main spindle made of alloy steel mounted on taper roller bearings ensure vibration free cutting

Technical Specification

Specification		Universal / Horizontal Milling Machine		Vertical Milling Machine	
TABLE		SU-3S / SH-3S	SU-4S / SH-4S	SV-3S	SV-4S
Table overall size	mm	1550 x 310	1900 x 350	1550 x 310	1900 x 350
Table clamping area	mm	1350 x 310	1600 x 350	1350 x 310	1600 x 350
No./width of 'T' slots	mm	3/16	3/18	3 / 16	3 / 18
Center distance between 'T' Slots	mm	65	80	65	80
Longitudinal movement - power	mm	975	1200	975	1200
Longitudinal movement - manual	mm	1000	1300	1000	1300
Cross traverse - power	mm	290	330	290	330
Cross traverse - manual	mm	300	350	300	350
Vertical Movement - power	mm	400	400	400	400
Vertical Movement - manual	mm	425	425	425	425
MILLING SPINDLE					
Spindle nose taper	-	ISO - 40	ISO - 50	ISO - 40	ISO - 50
Quill Movement	mm	-	-	100	100
Swivel of milling head	Degree	-	-	45	45
SPEEDS					
Speed	steps	18	18	18	18
Speed range	rpm	35 - 1800	35 - 1800	35 - 1800	35 - 1800
FEEDS					
Feed	steps	20	20	20	20
Feed range Longitudinal & Cross	mm / mm	16 - 800	16 - 800	16 - 800	16 - 800
Feed range Vertical	mm / mm	4 - 200	4 - 200	4 - 200	4 - 200
*RAPID TRAVERSE					
Longitudinal & Cross	mm / min	3200	3200	3200	3200
Vertical	mm / min	800	800	800	800
POWER					
Spindle Motor	kW / HP	5.5 / 7.5	7.5 / 10	5.5 / 7.5	7.5 / 10
Feed Motor	kW / HP	2.25 / 3	3 / 4	2.25 / 3	3 / 4
OVERALL SIZE					
Maximum length	mm	1880	2340	1880	2340
Maximum width	mm	2060	2310	2060	2310
Maximum Height	mm	1830	1855	2210	2340
WEIGHT					
Net approx.	kg.	3150	4200	3150	4200
Gross approx.	kg.	4000	5000	4000	5000

Note : Swivel of table is 45 degree on either sides for UNIVERSAL Model Only.

Standard Accessories for Milling Machine

- ☑ Electric Motors with Control Gears.
- ☑ All Axis Auto Feed Box Equipped with Servo Motor
- ☑ Long Milling Arbor Size : 25.40 mm for Universal & Horizontal Model Only
- ☑ Coolant System
- ☑ Machine Lamp
- ☑ Set of Requisite Tools
- ☑ Instruction & Spare Parts Manual

List of Optional Accessories

- ☑ Universal Dividing Head of Size : 135 mm
- ☑ Face Milling Cutter Size : 125 mm without Indexable Inserts with Suitable Arbor
- ☑ Rotary Table Size : 300 mm
- ☑ Swivel Machine Vice
- ☑ Collet Chuck
- ☑ Stub Arbor Size : 16, 22, 27, 32 mm for Vertical Milling Head
- ☑ Conical Type Collets
- ☑ Digital Readout System (DRO)
- ☑ Vertical Milling Attachment (For Universal & Horizontal Only Model)
- ☑ Rack Cutting Attachment for Universal & Horizontal Model
- ☑ Slotting Attachment (For Universal & Horizontal Model)
- ☑ Vertical Head Mounting Attachment on Column (For Universal & Horizontal Model)
- ☑ Long Milling Arbor 22, 27, 32 mm Each (For Universal & Horizontal Model only)
- ☑ Anti - Vibration Mount (4 Nos.)

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