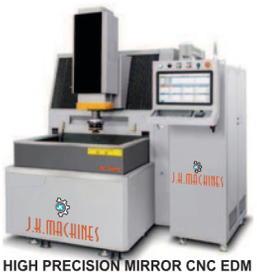
OUR PRODUCTS RANGE



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)



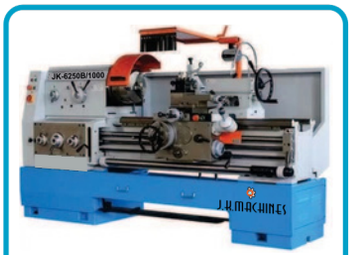
CONSUMABLES/SPARES (Pg. No. 20)



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)

HEAVY DUTY PRECISION RADIAL DRILLING MACHINE

J.K.MACHINES



Model : RDM 50/1200, 50/1500, 50/1900, 50/2300
Model : RDM 60/1200, 60/1500, 60/1900, 60/2300

Salient Features :

- Double Column Construction for Rigidity and effortless centering.
- Generously proportional & well Adequately ribbed base plates, column and arm for maximum rigidity and minimum deflection
- Major casting are stress relived and Sufficiently rigid to meet Requirements of IS : 2199.
- Arm guide Surfaces are precision ground.
- Hardened and ground gears for Minimum wear and tear.
- Precision hardened and ground spindle.
- Friction type disc clutch is adapted to observed impact force caused by vertical movement of spindle and effectively protects all transmission units inside gear box.
- Disc clutches is employed for starting and stopping the spindle.
- Special arm elevating safety device is provided to prevent arm from down, when machine is used for long time.
- Machine tested as per IS : 2199.

TECHNICAL SPECIFICATIONS

	Unit	RDM 50 / 1200 RDM 60 / 1200	RDM 50 / 1500 RDM 60 / 1500	RDM 50 / 1900 RDM 60 / 1900	RDM 50 / 2300 RDM 60 / 2300
CAPACITY					
Drilling Capacity in Steel /CI for 50 mm Drilling Machine		50/60	50/60	50/60	50/60
Drilling Capacity in Steel/CI for 60 mm Drilling Machine		60/70	60/70	60/70	60/70
Tapping Capacity:					
Metric Treads fine pitch	mm	48 x 3	48 x 3	48 x 3	48 x 3
Any other Threads fine pitch	inch	1 3/4"	1 3/4"	1 3/4"	1 3/4"
Light boaring capacity in Steel	mm	120	120	120	120
DRILL HEAD					
Taper in spindle		MT5	MT5	MT5	MT5
Number of spindle speed / range	rpm	12 / 40 – 1700	12 / 40 – 1700	12 / 40 – 1700	12 / 40 – 1700
Number of feed / range	mm/rev	6 / 0.12 – 1.25	6 / 0.12 – 1.25	6 / 0.12 – 1.25	6 / 0.12 – 1.25
WORKING RANGE					
Drilling radius: Min. / Max.	mm	505 / 1200	530 / 1500	530 / 1890	550 / 2350
Drill head traverse	mm	695	970	1360	1800
Distance between spindle axis & column face: Min. / Max.	mm	355 / 1050	355 / 1325	355 / 1715	355 / 2150
Distance between base plate & spindle : Maximum	mm	1420	1425	1425	1625
Minimum (Spindle retracted)		695	675	675	705
Spindle travel	mm	325	325	325	325
Diameter of column	mm	300	350	350	400
Arm traverse	mm	725	750	750	940
BASE PLATE					
Working surface of base plate (lx w)	mm	1300 x 800	1490 x 910	1720 x 910	2300 x 1000
Height of base plate	mm	210	210	210	220
Overall size base plate	mm	2000 x 830	2220 x 935	2420 x 925	3100 x 1015
Nominal size of T slots	mm	22	22	22	22
Number of T slots / Spacing	No./mm	3 / 250	3 / 250	3 / 250	3 / 250
ELECTRICAL					
Power supply A.C.	V.ph. Hz	415, 3, 50	415, 3, 50	415, 3, 50	415, 3, 50
Power of drill head motor	Kw	3.6 / 4.5	3.6 / 4.5	3.6 / 4.5	3.6 / 4.5
Arm Elevating Motor	Kw	1.5	1.5	1.5	2.2
DIMENSIONS & WEIGHT					
All Over Length	mm	2090	2400	2750	3310
All Over Width	mm	995	1010	1010	1025
All Over Height	mm	3100	3150	3150	3400
Dimension of Packing case Length		2265	2520	3020	3600
Width	mm	1200	1230	1230	1350
Height	mm	2800	2800	2800	3200
Net weight (approx)	kg.	3200	3500	4000	4600
Gross weight (approx)	kg.	4000	4550	5200	5800

STANDARD ACCESSORIES:

OPTIONAL ACCESSORIES:

(We reserve the rights for modifications concerning design, dimension & Weight. Pictures are not binding.)

Corporate Office cum Showroom :
C-46, Mangolpuri Industrial Area,
Phase-I, New Delhi-110083 (India)

7529999900 / 9311003936
www.jkmachines.in
www.jkmachines.co.in
www.jkmachines.net.in
jk.machines@hotmail.com

J.K. MACHINES

HIGH PRECISION INDUSTRIAL MACHINERY

FACEBOOK

INSTAGRAM

WHATSAPP

YOUTUBE