



OM INTERNATIONAL MACHINE TOOLS



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Manufacturer's , Expoter & Suppliers of :
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G.T. ROAD BATALA - (Pb.) INDIA

Mob : 00-91-98888-10411, 95691-12235



VERTICAL LINE BORING MACHINE



MODEL NO	OVLB – 250
BORING CAPACITY	32 – 250 MM
BORING DEPTH MAX.	400 MM
SPINDLE TRAVEL MAX.	600 MM
CI TO COLUMN WAYS	254 MM
USEFUL TABLE SURFACE	1305 X 470 MM
TABLE CROSS TRANSVERSE MAX.	32 MM
TABLE TRANSVERSE MAX.	1400 MM
SPINDLE R.P.M.	85, 150, 280, 340, 485, 600
FEED/REVOTATION	0.07, 0.10, 0.17 MM
RAPID UP & DOWN	825
SPINDLE	1.1 KW
RAPID UP & DOWN	0.75 KW
LENGTH	2050 MM
WIDTH	1450 MM
HEIGHT	1460 MM
APPROX. WEIGHT	2085 KGS

HORIZONTAL LINE BORING MACHINE



MODEL NO	OHLB – 150
MAX. LENGTH OF BLOCK	1545 MM
DISTANCE ROM BUILT-IN PARALLELS TO BORING BAR	
MAXIMUM	815 MM
MINIMUM	515 MM
BORING CAPACITY	
WITH STANDARD BORING BARS	34 - 150 MM
WITH EXTRA BORING BARS OF 22 MM & 60 MM DIA	26 - 225 MM
SPINDLE SPEED R.P.M.	
FEED BOTH DIRECTIONS ROUGHING	0.15 MM
AUTOMATIC & MANUAL FINISHING	0.05 MM
MAX. TRAVEL OF BORING BAR	325 MM
ADDITIONAL TRAVEL WITH EXTENSION BAR (EXTRA EQU.)	260 – 325 MM
DRIVE MOTOR (440 V, 500) 3 PHASE	1.5 H.P MM
LENGTH X WIDTH OF MACHINE	3550 X 760 MM
WIDTH OF BED	570 MM
NET WEIGHT (APPROX.)	1700 KGS

HYDRAULIC HONING MACHINE



MODEL NO	OMHH – 200
MAX. HONING CAPACITY	200 MM
MAX. HONING STROKE	400 MM
MIN. HONING STROKE	50 MM
MAX. DISTANCE TABLE TO SPINDLE NOSE	1000 MM
DISTANCE FROM SPINDLE CENTRE TO COLUMN	225 MM
SURFACE OF TABLE	225 X 325 MM
SPINDLE SPEEDS	200 – 300 R.P.M.
MOTOR FOR SPINDLE STROKE	1.5 KW 1440 R.P.M.
AC 220 & 240	1.5 KW 1440 R.P.M.
COOLANT PUMP MOTOR	0.1 KW 2800 R.P.M.
NET WEIGHT (APPROX.)	450 KG

VERTICAL HEAD SURFACE GRINDER MACHINE



MODEL NO	OHSG – 300
SEGMENTAL WHEEL DIA	300 MM
SEGMENTAL WHEEL SPEED	1440 R.P.M.
MAX. WORKING CAPACITY	1225 X 300 MM
MAX. HEIGHT FROM WHEEL TO TABLE	600 MM
TABLE	1100 MM
GRINDING CAPACITY	900 X 275 MM
WORK SPACE REQUIRED (L X W X H)	3600 X 1100 X 1200 MM
NET WEIGHT APPROX.	2000 KG.

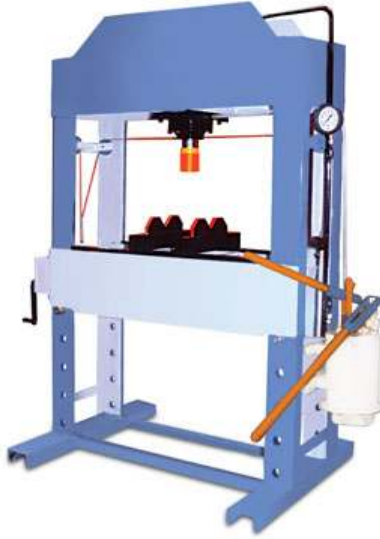
CON-ROD BORING & GRINDING MACHINE



MODEL NO	OCBG – 165
HEIGHT OF CENTER OF BED	165 MM
MIN. BORING DIA.	20 MM
MIN. GRINDING DIA.	30 MM
MAX. BORING DIA.	125 MM
MAX. GRINDING DIA.	125 MM
MIN. CON – ROD CENTER DISTANCE	150 MM
MAX. CON – ROD CENTER DISTANCE	500 MM
MAX. TABLE TRAVEL	450 MM
MOTOR (TABLE FEED, BORING HEAD)	1 H.P. EACH
MOTOR (GRINDING HEAD, PLANETARY MOTION)	1 H.P. EACH

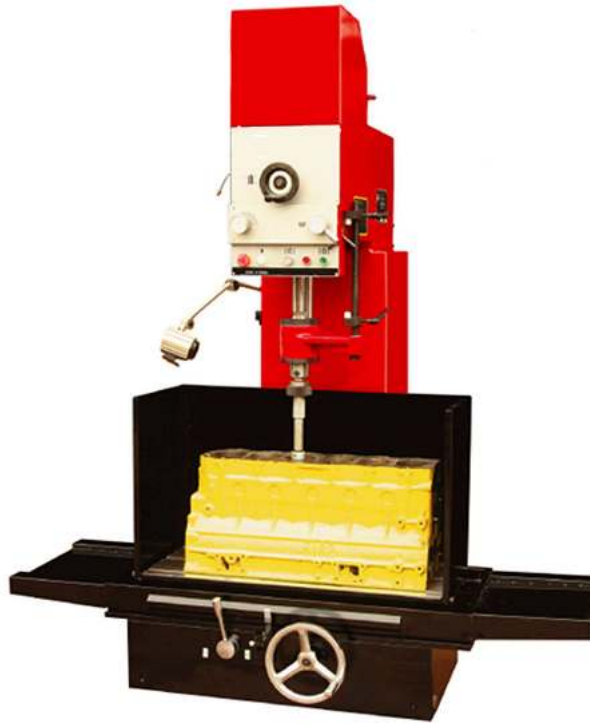


HYDRAULIC PRESS MACHINE



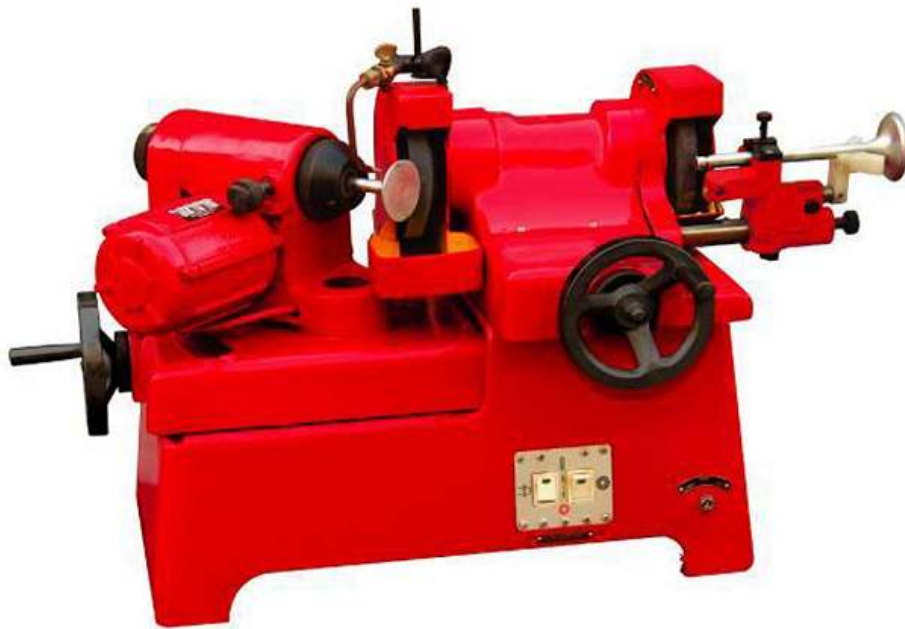
Technical Specification	MODEL NO							
	OHOHP - 4	OHOHP - 6	OHOHP - 8	OHOHP -10	OHOHP -12	OHOHP-16	OHOHP-20	OHOHP-30
TONS	20	30	40	50	60	80	100	150
BETWEEN COLUMN	760 X 280	835 X 305	912 X 355	1006 X 405	1210 X 430	1260 X 455	1260 X 481	1512 X 557
BETWEEN TO RAM BED	50 X 610	50 X 686	50 X 762	50 X 838	50 X 910	50 X 985	50 X 1050	50 X 1280
TRAVEL OF RAM	126	152	180	205	230	230	252	278

MECHANICAL HONING MACHINE



MODEL NO	OMMH – 200
MAX. HONING CAPACITY DIA.	200 MM
MAX. HONING STROKE	400 MM
MIN. HONING STROKE	50 MM
MAX. DISTANCE TABLE TO SPINDLE NOSE	1000 MM
DISTANCE FROM SPINDLE CENTER TO COLUMN	225 MM
SURFACE TO TABLE	225 X 325 MM
SPINDLE SPEEDS	200 – 300 R.P.M.
MOTOR FOR SPINDLE STROKE	1.5 KW 1440 R.P.M.
COOLANT PUMP MOTOR	0.1 KW 2800 R.P.M.
NET WEIGHT (APPROX.)	450 KG.

VALVE REFACER



MODEL NO	OMVR – 14
VALVE STEM CAPACITY	6 MM TO 14 MM
VALVE ANGLE ADJUSTMENT RANGE	0 TO 90 DEGREE
VALVE HEAD CAPACITY	UP TO 90 MM
GRINDING WHEEL SIZE	5" x 1/2" x 5/8"
BUTT GRINDING WHEEL	4" x 3/4" x 5/8"
GRINDING WHEEL SPINDLE	4000 R.P.M.
WORK HEAD SPINDLE	200 R.P.M.
POWER REQUIRED	0.5 HP. (200/220 V)
NET WEIGHT	100 KG.
COLLETS 1/4" TO 9/16"	2 NOS.
DIAMOND DRESSER	1 NOS.
C - SPANNER	1 EACH

PORTABLE PRECISION CYLINDER REBORING BAR



MODEL NO	OPCR – 2.6	OPCR – 2.2	OPCR – 1.5
BORING CAPACITY DIA.	2.6" TO 5.3"	2.2" TO 4.2"	1.5" TO 2.8"
BORING CAPACITY DEPTH	12 INCH	11 INCH	6 INCH
CUTTING SPEED	300 R.P.M.	300 R.P.M.	300 R.P.M.
ELECTRIC MOTOR	1440 R.P.M.	1440 R.P.M.	1440 R.P.M.
ELECTRIC MOTOR POWER	3/5 H.P.	1/2 H.P.	1/2 H.P.
NET WEIGHT	68 KG.	55 KG.	45 KG.



CRANK SHAFT GRINDER



MODEL NO	OCSG – 1500	OCSG – 2000
MAX. DISTANCE BETWEEN CENTERS	60"	84"
MAX. DISTANCE BETWEEN CHUCKS	58"	82"
SWING OVER TABLE	22 ½"	27"
MAX. WEIGHT OF SHAFT TO BE HANDLED	355 IBS	500 IBS
HEIGHT FROM FLOOR TO SPINDLE CENTERS	44"	44"
SPINDLE SPEEDS THREE SPEEDS	27 – 41 – 61 R.P.M.	27 – 41 – 61 R.P.M.
MAX. OFFSET OF CENTERS	4 ½"	5 ½"
GRINDING WHEEL SPEED	900 R.P.M	800 R.P.M.
WORKHEAD SPINDLE DIAMETER	2"	2"
TAIL STOCK SPINDLE TRAVEL	2"	3"
WHEEL HEAD SPINDLE MOTOR	5 H.P. 1400 R.P.M.	7.5 H.P.
WORKHEAD MOTOR	1 H.P. 1400 R.P.M.	1 H.P.
COOLANT PUMP MOTOR	0.8 H.P.	0.8 H.P.
WORK SPACE REQUIRED	19'-2" x 5'-7"	22'-11" x 7'-4"
NET WEIGHT (APPROX.)	4500 KG.	5000 KG.

CYLINDRICAL GRINDER



Technical Specification	MODEL NO				
	OCG – 125	OCG – 150 A	OCG – 150 B	OCG – 175	OCG – 200
CENTER HEIGHT	125 MM	150 MM	150 MM	175 MM	200 MM
CENTER DISTANCE	300 MM	450 MM	600 MM	1000 MM	1500 MM
SWING OVER TABLE	250 MM	300 MM	300 MM	375 MM	400 MM
GRINDING WHEEL DIAMETER	350 x 38 x 125 MM	400 x 38 x 125 MM	400 x 38 x 125 MM	450 x 63 x 250 MM	500 x 50 x 250 MM