



# OM INTERNATIONAL MACHINE TOOLS



## OM INTERNATIONAL MACHINE TOOLS

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## LIGHT DUTY LATHE MACHINE



| Technical Specification       | MODEL NO.      |                |                |                |                |                |                |                |
|-------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                               | OML – 2.5      | OML – 3.8      | OML – 4.5      | OML – 5        | OML – 5.5      | OML – 6        | OML – 7.5      | OML - 10       |
| <b>Bed Length</b>             | <b>3.6 FT</b>  | <b>4.6 FT</b>  | <b>5.3 FT</b>  | <b>6 FT</b>    | <b>7 FT</b>    | <b>9 FT</b>    | <b>10 FT</b>   | <b>12 FT</b>   |
| <b>Width of bed</b>           | 241MM(9 ½")    | 241MM(9 ½")    | 241 MM(9 ½")   | 241 MM(9 ½")   | 250 MM(10")    | 400 MM(16")    | 400 MM(16")    | 400 MM(16")    |
| <b>Height of Center</b>       | 165MM(6 ½")    | 165MM(6 ½")    | 165 MM(6 ½")   | 165 MM(6 ½")   | 381 MM(15")    | 381 MM(15")    | 381 MM(15")    | 381 MM(15")    |
| <b>Swing over Bed</b>         | 300 MM(12")    | 300 MM(12")    | 300 MM(12")    | 300 MM(12")    | 736 MM(29")    | 736 MM(29")    | 736 MM(29")    | 736 MM(29")    |
| <b>Swing over Cross Slide</b> | 175 MM(7")     | 175 MM(7")     | 175 MM(7")     | 175 MM(7")     | 280 MM(11")    | 280 MM(11")    | 280 MM(11")    | 280 MM(11")    |
| <b>Admit Between Centre</b>   | 330 MM(13")    | 635 MM(25")    | 865 MM(34")    | 1090 MM(43")   | 1000MM(40")    | 1600MM(63")    | 1900MM(75")    | 2500MM(98")    |
| <b>Spindle Thread / Dia</b>   | 8TPI – 60 MM   | 8TPI – 60 MM   | 8TPI – 60 MM   | 8TPI – 60 MM   | 6TPI           | 6TPI           | 6TPI           | 6TPI           |
| <b>Spindle Bore</b>           | 40 MM          | 40 MM          | 40 MM          | 40 MM          | 80 MM          | 80 MM          | 80 MM          | 80 MM          |
| <b>Tail Stock Quill Dia</b>   | 38 MM          | 38 MM          | 38 MM          | 38 MM          | 60 MM          | 60 MM          | 60 MM          | 60 MM          |
| <b>Lead Screw</b>             | 25MM X 4TPI    | 25MM X 4TPI    | 25MM X 4TPI    | 25MM X 4TPI    | 45 MM X 4TPI   | 45 MM X 4TPI   | 45 MM X 4TPI   | 45 MM X 4TPI   |
| <b>Metric Thread</b>          | 13(1 to 6MM)   | 13(1 to 6MM)   | 13(1 to 6MM)   | 13(1 to 6MM)   | 13(1 to 6MM)   | 13(1 to 6MM)   | 13(1 to 6MM)   | 13(1 to 6MM)   |
| <b>Inch. Thread</b>           | 19(2 to 24TPI) | 19(2 to 24TPI) | 19(2 to 24TPI) | 19(2 to 24TPI) | 19(2 to 24TPI) | 19(2 to 24TPI) | 19(2 to 24TPI) | 19(2 to 24TPI) |
| <b>No. of Spindle Speed</b>   | 4 + 4 = 8      | 4 + 4 = 8      | 4 + 4 = 8      | 4 + 4 = 8      | 4 + 4 = 8      | 4 + 4 = 8      | 4 + 4 = 8      | 4 + 4 = 8      |
| <b>Rpm (Mini. / Maxi.)</b>    | 35 / 825       | 35 / 825       | 35 / 825       | 35 / 825       | 25 / 450       | 25 / 450       | 25 / 450       | 25 / 450       |



## MEDIUM DUTY LATHE MACHINE



| Technical Specification | MODEL NO  |     |           |     |           |      |           |      |           |      |           |      |
|-------------------------|-----------|-----|-----------|-----|-----------|------|-----------|------|-----------|------|-----------|------|
|                         | OMML – 10 |     | OMML – 12 |     | OMML – 14 |      | OMML – 16 |      | OMML – 18 |      | OMML – 20 |      |
|                         | INCH      | MM  | INCH      | MM  | INCH      | MM   | INCH      | MM   | INCH      | MM   | INCH      | MM   |
| Bed Length              | 4.5 FT    |     | 6 FT      |     | 6 FT      |      | 8 FT      |      | 8 FT      |      | 8.5 FT    |      |
| Width of bed            | 12"       | 300 | 14"       | 350 | 16"       | 400  | 14"       | 350  | 16"       | 400  | 16"       | 400  |
| Height of Center        | 10"       | 250 | 12"       | 300 | 14"       | 350  | 12"       | 300  | 14"       | 350  | 14"       | 350  |
| Spindle Bore            | 2.1/8"    | 53  | 3.1/8"    | 80  | 3"        | 75   | 3.5/8"    | 90   | 4.6/8"    | 120  | 4.6/8"    | 120  |
| Swing in Gap            | 32"       | 800 | 36"       | 900 | 42"       | 1050 | 36"       | 900  | 42"       | 1050 | 42"       | 1050 |
| Swing over Bed          | 20"       | 500 | 24"       | 600 | 28"       | 700  | 24"       | 600  | 28"       | 700  | 28"       | 700  |
| No. of Spindle Speed    | 6         |     | 6         |     | 6         |      | 6         |      | 6         |      | 6         |      |
| Admit Between Centre    | 30"       | 750 | 34"       | 850 | 30"       | 750  | 60"       | 1500 | 54"       | 1350 | 60"       | 1500 |
| Leading Screw Dia       | 1 1/2"    | 38  | 1 1/2"    | 38  | 1 1/2"    | 38   | 1 1/2"    | 38   | 1 1/2"    | 38   | 1 1/2"    | 38   |
| H.P Required            | 1 H.P     |     | 2 H.P     |     | 3 H.P     |      | 2 H.P     |      | 3 H.P     |      | 3 H.P     |      |



## HEAVY DUTY PLANNER TYPE LATHE MACHINE



| Technical Specification     | MODEL NO.    |         |              |         |              |         |              |         |              |         |              |         |
|-----------------------------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|
|                             | OMHL – 118   |         | OMHL – 120   |         | OMHL – 122   |         | OMHL – 124   |         | OMHL – 126   |         | OMHL – 228   |         |
|                             | INCH         | MM      | INCH         | MM      | INCH         | MM      | INCH         | MM      | INCH         | MM      | INCH         | MM      |
| <b>Bed length</b>           | <b>10 FT</b> |         | <b>12 FT</b> |         | <b>14 FT</b> |         | <b>16 FT</b> |         | <b>18 FT</b> |         | <b>20 FT</b> |         |
| <b>Width of bed</b>         | 18"          | 450 MM  | 20"          | 500 MM  | 22"          | 550 MM  | 24"          | 600 MM  | 26"          | 650 MM  | 28"          | 700 MM  |
| <b>Height of Center</b>     | 16"          | 400 MM  | 18"          | 450 MM  | 20"          | 500 MM  | 22"          | 550 MM  | 24"          | 600 MM  | 26"          | 650 MM  |
| <b>Spindle Bore</b>         | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  |
| <b>Swing in Gap</b>         | 52"          | 1300 MM | 55"          | 1375 MM | 60"          | 1500 MM | 68"          | 1700 MM | 72"          | 1800 MM | 76"          | 1900 MM |
| <b>Swing over Bed</b>       | 32"          | 800 MM  | 36"          | 900 MM  | 40"          | 1000 MM | 44"          | 1100 MM | 48"          | 1200 MM | 52"          | 1300 MM |
| <b>No. of Spindle Speed</b> | 6            |         | 6            |         | 6            |         | 6            |         | 6            |         | 6            |         |
| <b>Admit Between Centre</b> | 72"          | 1800 MM | 86"          | 2150 MM | 110"         | 2750 MM | 126"         | 3150 MM | 150"         | 3750 MM | 172"         | 4300 MM |
| <b>Leading Screw Dia</b>    | 1 3/4"       | 45 MM   | 2"           | 50 MM   | 2"           | 50 MM   | 2 1/2"       | 62 MM   | 2 3/4"       | 70 MM   | 2 3/4"       | 70 MM   |
| <b>H.P Required</b>         | 3 H.P        |         | 3 H.P        |         | 5 H.P        |         | 5 H.P        |         | 7.5 H.P      |         | 10 H.P       |         |



## EXTRA HEAVY DUTY PLANNER TYPE LATHE MACHINE



| Technical Specification     | MODEL NO     |         |              |         |              |         |              |         |              |          |              |         |
|-----------------------------|--------------|---------|--------------|---------|--------------|---------|--------------|---------|--------------|----------|--------------|---------|
|                             | OMHL – 230   |         | OMHL – 232   |         | OMHL – 336   |         | OMHL – 340   |         | OMHL – 448   |          | OMHL – 460   |         |
|                             | INCHES       | MM      | INCHES       | MM      | INCHES       | MM      | INCHES       | MM      | INCHES       | MM       | INCHES       | MM      |
| <b>Bed length</b>           | <b>22 FT</b> |         | <b>24 FT</b> |         | <b>30 FT</b> |         | <b>36 FT</b> |         | <b>40 FT</b> |          | <b>40 FT</b> |         |
| <b>Width of bed</b>         | 30"          | 750 MM  | 32"          | 800 MM  | 36"          | 900 MM  | 40"          | 1000 MM | 48"          | 1200 MM  | 60"          | 1500 MM |
| <b>Height of Center</b>     | 28"          | 700 MM  | 30"          | 750 MM  | 34"          | 850 MM  | 38"          | 950 MM  | 46"          | 1150 MM  | 55"          | 1375 MM |
| <b>Spindle Bore</b>         | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM  | 4.1/8"       | 105 MM   | 4.1/8"       | 105 MM  |
| <b>Swing in Gap</b>         | 80"          | 2000 MM | 86"          | 2150 MM | 92"          | 2300 MM | 101"         | 2525 MM | 116"         | 2900 MM  | 142"         | 3550 MM |
| <b>Swing over Bed</b>       | 56"          | 1400 MM | 60"          | 1500 MM | 68"          | 1700 MM | 76"          | 1900 MM | 92"          | 2300 MM  | 110"         | 2750 MM |
| <b>No. of Spindle Speed</b> | 6            |         | 6            |         | 6            |         | 6            |         | 6            |          | 6            |         |
| <b>Admit Between Centre</b> | 192"         | 4800 MM | 216"         | 5400 MM | 282"         | 7050 MM | 353"         | 8825 MM | 400"         | 10000 MM | 381"         | 9525 MM |
| <b>Leading Screw Dia</b>    | 2 3/4"       | 70 MM   | 3"           | 75 MM   | 3"           | 75 MM   | 3 1/2"       | 88 MM   | 4 1/2"       | 112 MM   | 5"           | 125 MM  |
| <b>H.P Required</b>         | 10 H.P       |         | 15 H.P       |         | 25 H.P       |         | 25 H.P       |         | 30 H.P       |          | 40 H.P       |         |



## HEAVY DUTY ROLL TURNING LATHE MACHINE



| Technical Specification     | MODEL NO    |         |             |         |             |         |             |         |             |          |             |         |
|-----------------------------|-------------|---------|-------------|---------|-------------|---------|-------------|---------|-------------|----------|-------------|---------|
|                             | OMRL – 2230 |         | OMRL – 2432 |         | OMRL – 3036 |         | OMRL – 3640 |         | OMRL – 4048 |          | OMRL – 4060 |         |
|                             | INCHES      | MM      | INCHES      | MM      | INCHES      | MM      | INCHES      | MM      | INCHES      | MM       | INCHES      | MM      |
| <b>Bed length</b>           | 22 FT       |         | 24 FT       |         | 30 FT       |         | 36 FT       |         | 40 FT       |          | 40 FT       |         |
| <b>Width of bed</b>         | 30"         | 750 MM  | 32"         | 800 MM  | 36"         | 900 MM  | 40"         | 1000 MM | 48"         | 1200 MM  | 60"         | 1500 MM |
| <b>Height of Center</b>     | 28"         | 700 MM  | 30"         | 750 MM  | 34"         | 850 MM  | 38"         | 950 MM  | 46"         | 1150 MM  | 55"         | 1375 MM |
| <b>Spindle Bore</b>         | 4.1/8"      | 105 MM  | 4.1/8"      | 105 MM  | 4.1/8"      | 105 MM  | 4.1/8"      | 105 MM  | 4.1/8"      | 105 MM   | 4.1/8"      | 105 MM  |
| <b>Swing in Gap</b>         | 80"         | 2000 MM | 86"         | 2150 MM | 92"         | 2300 MM | 101"        | 2525 MM | 116"        | 2900 MM  | 142"        | 3550 MM |
| <b>Swing over Bed</b>       | 56"         | 1400 MM | 60"         | 1500 MM | 68"         | 1700 MM | 76"         | 1900 MM | 92"         | 2300 MM  | 110"        | 2750 MM |
| <b>No. of Spindle Speed</b> | 6           |         | 6           |         | 6           |         | 6           |         | 6           |          | 6           |         |
| <b>Admit Between Centre</b> | 192"        | 4800 MM | 216"        | 5400 MM | 282"        | 7050 MM | 353"        | 8825 MM | 400"        | 10000 MM | 381"        | 9525 MM |
| <b>Leading Screw Dia</b>    | 2 3/4"      | 70 MM   | 3"          | 75 MM   | 3"          | 75 MM   | 3 1/2"      | 88 MM   | 4 1/2"      | 112 MM   | 5"          | 125 MM  |
| <b>H.P Required</b>         | 10 H.P      |         | 15 H.P      |         | 25 H.P      |         | 25 H.P      |         | 30 H.P      |          | 40 H.P      |         |



## ALL GEARED LATHE MACHINE



| Technical Specification | MODEL NO         |                  |                  |                  |                  |                  |                  |
|-------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
|                         | OMAL – 44        | OMAL – 55        | OMAL – 62        | OMAL – 65        | OMAL – 68        | OMAL - 75        | OMAL – 80        |
| Bed length              | 4.5 FT           | 5 FT & 6 FT      | 5 FT & 6 FT      | 8 FT & 11 FT     | 7 FT             | 9 & 12 FT        | 9 FT & 12 FT     |
| Width of bed            | 240 MM           | 242 MM           | 242 MM           | 280 MM           | 325 MM           | 325 MM           | 375 MM           |
| Height of Center        | 170 MM           | 175 MM           | 180 MM           | 215 MM           | 240 MM           | 240 MM           | 300 MM           |
| Swing Over Bed          | 340 MM           | 350 MM           | 360 MM           | 430 MM           | 480 MM           | 480 MM           | 600 MM           |
| Swing over Slide        | 180 MM           | 190 MM           | 200 MM           | 270 MM           | 275 MM           | 275 MM           | 390 MM           |
| Spindle Bore            | 40 MM            | 40 MM            | 40 MM            | 50 MM            | 50 MM            | 50 MM            | 80 MM            |
| Spindle Nose            | LOO – Type       | LOO - Type       | LOO - Type       | LOO – Type       | LOO - Type       | LOO - Type       | LOO - Type       |
| No. of Spindle Speed    | 8                | 8                | 18 H-L           | 8                | 18 H-L           | 18 H-L           | 16 H-L           |
| RPM                     | 60 – 1025        | 60 - 1025        | 30 – 1550        | 60 – 1025        | 30 - 1550        | 30 - 1550        | 30 – 1050        |
| Cross Slide Travel      | 175 MM           | 180 MM           | 185 MM           | 220 MM           | 260 MM           | 260 MM           | 325 MM           |
| Top Slide Travel        | 125 MM           | 125 MM           | 125 MM           | 130 MM           | 150 MM           | 150 MM           | 150 MM           |
| Tail Stock Sleeve       | MT – 3           | MT – 3           | MT – 3           | MT – 3           | MT – 4           | MT – 4           | MT – 4           |
| Quill Dia. / Travel     | 50 / 125         | 50 / 125         | 50 / 125         | 50 / 125         | 75 / 150         | 75 / 150         | 75 / 150         |
| Tool Shank Section      | 20 x 20 MM       | 20 x 20 MM       | 20 x 20 MM       | 20 x 20 MM       | 25 x 25 MM       | 25 x 25 MM       | 25 x 25 MM       |
| Feeds Longitudinal      | No.40/.002-1     | No.40/.002-1     | No.40/.002-1     | No.40/.002-1     | No.40/.002-1     | No.40/.002-1     | No.40/.002-1     |
| Feeds Transverse        | No.40/.005-0.025 | No.40/.005-0.025 | No.40/.005-0.025 | No.40/.005-0.025 | No.40/.005-0.025 | No.40/.005-0.025 | No.40/.005-0.025 |
| Metric Thread           | 40/0.4-7mm       | 40/0.4-7mm       | 40/0.4-7mm       | 40/0.4-7mm       | 40/0.4-7mm       | 40/0.4-7mm       | 40/0.4-7mm       |
| Thread Per Inch         | 45/70-4 TPI      | 45/70-4 TPI      | 45/70-4 TPI      | 45/70-4 TPI      | 45/70-4 TPI      | 45/70-4 TPI      | 45/70-4 TPI      |
| Lead Screw              | 4 TPI            | 4 TPI            | 4 TPI            | 4 TPI            | 4 TPI            | 4 TPI            | 4 TPI            |
| Admit Between Centre    | 600 MM           | 750 / 1000 MM    | 750 / 1000 MM    | 1500/2500 MM     | 1000 MM          | 1600/2500 MM     | 1500/2500 MM     |
| H.P Required            | 1.5 KW (2 H.P)   | 1.5 KW (2 H.P)   | 1.5 KW (2 H.P)   | 2.25 KW (3 H.P)  | 3.7 KW (5 H.P)   | 3.7 KW (5 H.P)   | 3.7 KW (5 H.P)   |
| Weight Apprx.           | 550 KGS          | 750 / 850 KGS    | 750 / 850 KGS    | 1200/1500 KGS    | 1350 KGS         | 1500/1800 KGS    | 1900/2300 KGS    |

## SHAPER MACHINE



| Technical Specification                   | MODEL NO     |                |                |               |                |               |
|---|--------------|----------------|----------------|---------------|----------------|---------------|
|   | OSH – 12     | OSH – 18       | OSH – 24       | OSH – 30      | OSH – 36       | OSH – 42      |
| LENGTH OF RAM STROKE:                     | 12" / 300 MM | 18" / 450 MM   | 24" / 600 MM   | 30" / 750 MM  | 36" / 900 MM   | 42" / 1000 MM |
| LENGTH OF RAM (MM):                       | 711          | 960            | 1232           | 1410          | 1651           | 2108          |
| LENGTH X WIDTH OF RAM BEARING (MM)        | 724 X 203    | 700 X 270      | 867 X 300      | 1020 X 330    | 1130 X 330     | 1600 X 330    |
| DISTANCE FROM TABLE TO RAM MAX / MIN (MM) | 257 / 41     | 360 / 75       | 450 / 76       | 510 / 75      | 565 / 102      | 600 / 102     |
| WORKING SURFACE OF TABLE (MM)             | 305 X 228    | 457 X 305      | 610 X 370      | 762 X 390     | 915 X 457      | 1078 X 533    |
| HORIZONTAL TABLE TRAVEL MAX (MM)          | 330          | 488            | 635            | 787           | 940            | 1075          |
| VERTICAL TABLE TRAVEL MAX (MM)            | 140          | 330            | 380            | 450           | 525            | 585           |
| ANGULAR MOVEMENT OF TABLE (DEGREES)       | 60 L / 60 R  | 60 L / 60 R    | 60 L / 60 R    | 60 L / 60 R   | 60 L / 60 R    | 60 L / 60 R   |
| VERTICAL TRAVEL OF TOOL SLIDE MAX. (MM)   | 140          | 152            | 190            | 203           | 255            | 300           |
| SWIVEL OF TOOL HEAD MAX. (DEGREES)        | 60 L / 60 R  | 60 L / 60 R    | 60 L / 60 R    | 60 L / 60 R   | 60 L / 60 R    | 60 L / 60 R   |
| BASE LENGTH X WIDTH (MM)                  | 940 X 483    | 1346 X 502     | 1676 X 610     | 1829 X 660    | 1980 X 660     | 2286 X 762    |
| DIAMETER OF CLUTCH PULLEY (MM)            | 235          | 311            | 311            | 311           | 380            | 380           |
| NUMBER OF RAM SPEEDS                      | 3            | 4              | 4              | 4             | 4              | 4             |
| RAM SPEEDS (STROKES PER MINUTE)           | 30, 60, 90   | 16, 32, 64, 96 | 14, 28, 42, 62 | 8, 16, 32, 48 | 10, 20, 30, 50 | 8, 16, 32, 48 |
| MOTOR PULLEY DIAMETER (MM)                | 51           | 70             | 70             | 76            | 88             | 88            |
| MOTOR (HP / RPM)                          | 1 / 1440     | 2 / 1440       | 3 / 1440       | 3 / 960       | 5 / 960        | 7.5 / 960     |



## RADIAL DRILL MACHINE



| Technical Specification                     | MODEL NO   |            |            |           |
|---|------------|------------|------------|-----------|
|   | ORD – 1    | ORD – 1.2  | ORD – 1.5  | ORD – 2   |
| DRILLING CAPACITY IN STEEL                  | 25 MM      | 32 MM      | 40 MM      | 50 MM     |
| DRILLING CAPACITY IN CASTING                | 30 MM      | 35 MM      | 45 MM      | 55 MM     |
| TAPPING CAPACITY IN CASTING                 | 20 MM      | 25 MM      | 25 MM      | 30 MM     |
| MAXIMUM DISTANCE FROM SPINDLE TO COLUMN     | 24"        | 32"        | 36"        | 48"       |
| MINIMUM DISTANCE FROM SPINDLE TO COLUMN     | 10"        | 12"        | 12"        | 18"       |
| MAXIMUM DISTANCE FROM SPINDLE TO BASE PLATE | 30"        | 34"        | 40"        | 50"       |
| DIAMETER OF COLUMN                          | 5.1/2"     | 7"         | 9"         | 10"       |
| NO. OF SPINDLE SPEEDS                       | 4 + 4 = 8  | 3 + 3 = 6  | 3 + 3 = 6  | 3 + 3 = 6 |
| RANGE OF SPINDLE SPEEDS                     | 80-700 RPM | 80-700 RPM | 50-760 RPM | 40-750RPM |
| WORKING SURFACE OF BASE PLATE               | 9"         | 11"        | 12"        | 15"       |
| TRAVEL OF SPINDLE                           | 6"         | 8"         | 9"         | 12"       |
| SPINDLE MORSE TAPER NO.                     | 3          | 4          | 4          | 5         |
| VERTICAL ADJUSTMENT OF ARM                  | 15"        | 18"        | 21"        | 24"       |
| OVER ALL HEIGHT                             | 60"        | 70"        | 80"        | 90"       |
| ARM TILT ANY ANGLE UPTO                     | 90"        | 90"        | 90"        | 90"       |
| FLOOR SPACE REQUIRED                        | 36" * 21"  | 44" * 25"  | 55" * 30"  | 61" * 32" |
| ELETRICALS MOTOR REQUIRED                   | 1 H.P.     | 2 H.P.     | 3 H.P.     | 5 H.P.    |

## ALL GEARED RADIAL DRILL MACHINE



| Technical Specification             | MODEL NO        |                 |                 |                 |                 |                 |                 |
|-------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                                     | OARD – 40B      | OARD – 40C      | OARD – 50B      | OARD – 50C      | OARD – 65B      | OARD – 75B      | OARD – 85B      |
| DRILLING CAPACITY IN STEEL          | 40 MM           | 40 MM           | 50 MM           | 50 MM           | 65 MM           | 75 MM           | 85 MM           |
| DRILLING CAPACITY IN CASTING        | 50 MM           | 50 MM           | 60 MM           | 60 MM           | 75 MM           | 85 MM           | 95 MM           |
| DRILLING DEPTH                      | 180 MM          | 180 MM          | 225 MM          | 250 MM          | 325 MM          | 355 MM          | 400 MM          |
| TAPER SPINDLE NOSE SOCKET           | MT – 4          | MT – 4          | MT – 5          | MT – 5          | MT – 5          | MT – 6          | MT – 6          |
| NO. OF SPINDLE SPEEDS               | 6               | 12              | 9               | 12              | 12              | 12              | 12              |
| RPM RANGE                           | 55 – 665        | 56 – 1000       | 45 – 750        | 45 – 1000       | 18 – 810        | 18 – 810        | 16 – 1250       |
| NO. OF SPINDLE FEED/RANGE           | 3               | 3               | 3               | 6               | 6               | 6               | 6               |
| DRILL POWER                         | 1.5 KW (2 H.P)  | 2.2 KW (3H.P)   | 2.2 KW (3H.P)   | 3.7 KW (5H.P)   | 3.7 KW (5H.P)   | 5.5 KW (7.5H.P) | 7.5 KW (10 H.P) |
| DRILLING RADIUS MAX.                | 1050 MM         | 1050 MM         | 1100 MM         | 1300 MM         | 1700 MM         | 1900 MM         | 2200 MM         |
| DRILLING RADIUS MIN.                | 375 MM          | 375 MM          | 450 MM          | 450 MM          | 500 MM          | 600 MM          | 650 MM          |
| DRILLING HEAD TRAVERSE              | 675 MM          | 675 MM          | 650 MM          | 850 MM          | 1200 MM         | 1300 MM         | 1550 MM         |
| DISTANCE BASE PLATE TO SPINDLE MAX. | 1000 MM         | 1000 MM         | 1300 MM         | 1300 MM         | 1500 MM         | 1750 MM         | 1800 MM         |
| DISTANCE BASE PLATE TO SPINDLE MIN. | 225 MM          | 225 MM          | 225 MM          | 325 MM          | 300 MM          | 400 MM          | 550 MM          |
| DIAMETER OF COLUMN SLEEVE           | 255 MM          | 255 MM          | 310 MM          | 310 MM          | 355 MM          | 405 MM          | 450 MM          |
| WORKING SURFACE OF BASE PLATE       | 900 X 680       | 900 X 680       | 920 X 830       | 1120 X 830      | 1500 X 1020     | 1850 X 1160     | 2130 X 1300     |
| ARM ELEVATOR MOTOR                  | 0.75 KW(1H.P)   | 0.75 KW(1H.P)   | 1.5 KW (2H.P)   | 1.5 KW (2H.P)   | 2.2 KW (3H.P)   | 3.7 KW (5H.P)   | 3.7 KW (5H.P)   |
| STANDARD BOX TABLE                  | 400 x 350 x 350 | 550 x 420 x 420 | 550 x 420 x 420 | 550 x 420 x 420 | 600 x 500 x 500 | 600 x 500 x 500 | 1000 x 750x500  |

## PILLAR DRILL MACHINE



| Technical Specification                        | MODEL NO   |           |           |           |           |
|--|------------|-----------|-----------|-----------|-----------|
|  | OMPD – 26  | OMPD – 30 | OMPD – 40 | OMPD – 50 | OMPD – 64 |
| Drilling capacity in mild steel                | 13 MM      | 15 MM     | 20 MM     | 25 MM     | 32 MM     |
| Pillar diameter                                | 46.5 mm    | 58.5 mm   | 62.5 mm   | 80 mm     | 90 mm     |
| Spindle nose to table distance                 | 330 mm     | 482 mm    | 430 mm    | 710 mm    | 710 mm    |
| Distance from spindle center to pillar surface | 151 mm     | 177 mm    | 217 mm    | 259 mm    | 259 mm    |
| Table travel                                   | 215 mm     | 305 mm    | 381 mm    | 485 mm    | 885 mm    |
| Taper in spindle                               | 1/2" drill | MT 2      | MT 2      | MT 3      | MT 4      |
| Number of speed                                | 4 speed    | 4 Speed   | 8 Speed   | 8 Speed   | 8 Speed   |
| Spindle travel                                 | 75 mm      | 90 mm     | 120 mm    | 155 mm    | 155 mm    |
| Pillar length                                  | 690 mm     | 840 mm    | 990 mm    | 1450 mm   | 1450 mm   |
| Overall height with pulley guard               | 1420 mm    | 1143 mm   | 1295 mm   | 1840 mm   | 1840 mm   |
| V-belt section                                 | A          | A         | A         | B         | B         |
| Weight (approx.)                               | 40 kg.     | 60 kg.    | 125 kg.   | 180 kg.   | 185 kg.   |
| Ram diameter(mm)                               | 49.5 mm    | 495 mm    | 58 mm     | 64 mm     | 64 mm     |
| Motor 1440 rpm 3 phase 440 volts               | 0.5 H.P.   | 0.5 H.P.  | 1 H.P.    | 1 H.P.    | 1.5 H.P.  |



## UNIVERSAL MILLING MACHINE



| Technical Specification  | MODEL NO      |           |               |            |               |            |               |            |               |            |               |            |
|--------------------------|---------------|-----------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|
|                          | OMUM – 0A     |           | OMUM – 1      |            | OMUM – 1.5    |            | OMUM – 2      |            | OMUM – 3      |            | OMUM – 04     |            |
|                          | INCH          | MM        | INCH          | MM         | INCH          | MM         | INCH          | MM         | INCH          | MM         | INCH          | MM         |
| Working surface of Table | 32"x 7"       | 800 x 175 | 42"x 9"       | 1050 x 225 | 48"x 10"      | 1200 x 250 | 52"x 11"      | 1300 x 275 | 60"x 12"      | 1500 x 300 | 80"x 13"      | 2000 x 325 |
| No. of Tee Slots         | 3             |           | 3             |            | 3             |            | 3             |            | 3             |            | 3             |            |
| Size of Tee Slots        | ½"            | 12        | ½"            | 12         | ½"            | 12         | 5/8"          | 16         | 5/8"          | 16         | 5/8"          | 16         |
| Table Rotation           | 45-0-45       |           | 45-0-45       |            | 45-0-45       |            | 45-0-45       |            | 45-0-45       |            | 45-0-45       |            |
| Longitudinal Automatic   | 15"           | 375       | 20"           | 500        | 24"           | 600        | 26"           | 650        | 30"           | 750        | 36"           | 900        |
| Cross                    | 6"            | 150       | 7"            | 175        | 8"            | 200        | 10"           | 250        | 12"           | 300        | 14"           | 350        |
| Vertical                 | 12"           | 300       | 12"           | 300        | 15"           | 375        | 18"           | 450        | 24"           | 600        | 30"           | 750        |
| Standard Arbour          | 1"            | 25        | 1"            | 25         | 1"            | 25         | 1"            | 25         | 1"            | 25         | 1"            | 25         |
| Taper of Spindle         | ISO – 30      |           | ISO – 40      |            | ISO – 40      |            | ISO – 40      |            | ISO – 40      |            | ISO – 40      |            |
| Rpm of Spindle           | 95 – 650      |           | 95 – 650      |            | 65 – 680      |            | 60 – 700      |            | 50 - 750      |            | 45 – 750      |            |
| No of Spindle Speed      | 6             |           | 6             |            | 9             |            | 9             |            | 9             |            | 9             |            |
| Motor Required           | 1 H.P. / 1440 |           | 2 H.P. / 1440 |            | 2 H.P. / 1440 |            | 3 H.P. / 1440 |            | 3 H.P. / 1440 |            | 5 H.P. / 1440 |            |



## VERTICAL MILLING MACHINE



| Technical Specification  | MODEL NO      |           |               |            |               |            |               |            |               |            |               |            |
|--------------------------|---------------|-----------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|---------------|------------|
|                          | OMVM – 0A     |           | OMVM – 1      |            | OMVM – 1.5    |            | OMVM – 2      |            | OMVM – 3      |            | OMVM – 04     |            |
|                          | INCH          | MM        | INCH          | MM         | INCH          | MM         | INCH          | MM         | INCH          | MM         | INCH          | MM         |
| Working surface of Table | 32"x 7"       | 800 x 175 | 42"x 9"       | 1050 x 225 | 48"x 10"      | 1200 x 250 | 52"x 11"      | 1300 x 275 | 60"x 12"      | 1500 x 300 | 80"x 13"      | 2000 x 325 |
| No. of Tee Slots         | 3             |           | 3             |            | 3             |            | 3             |            | 3             |            | 3             |            |
| Size of Tee Slots        | ½"            | 12        | ½"            | 12         | ½"            | 12         | 5/8"          | 16         | 5/8"          | 16         | 5/8"          | 16         |
| Table Rotation           | 45-0-45       |           | 45-0-45       |            | 45-0-45       |            | 45-0-45       |            | 45-0-45       |            | 45-0-45       |            |
| Longitudinal Automatic   | 15"           | 375       | 20"           | 500        | 24"           | 600        | 26"           | 650        | 30"           | 750        | 36"           | 900        |
| Cross                    | 6"            | 150       | 7"            | 175        | 8"            | 200        | 10"           | 250        | 12"           | 300        | 14"           | 350        |
| Vertical                 | 12"           | 300       | 12"           | 300        | 15"           | 375        | 18"           | 450        | 24"           | 600        | 30"           | 750        |
| Standard Arbour          | 1"            | 25        | 1"            | 25         | 1"            | 25         | 1"            | 25         | 1"            | 25         | 1"            | 25         |
| Taper of Spindle         | ISO – 30      |           | ISO – 40      |            | ISO – 40      |            | ISO – 40      |            | ISO – 40      |            | ISO – 40      |            |
| Rpm of Spindle           | 95 – 650      |           | 95 – 650      |            | 65 – 680      |            | 60 – 700      |            | 50 - 750      |            | 45 – 750      |            |
| No of Spindle Speed      | 6             |           | 6             |            | 9             |            | 9             |            | 9             |            | 9             |            |
| Motor Required           | 1 H.P. / 1440 |           | 2 H.P. / 1440 |            | 2 H.P. / 1440 |            | 3 H.P. / 1440 |            | 3 H.P. / 1440 |            | 5 H.P. / 1440 |            |

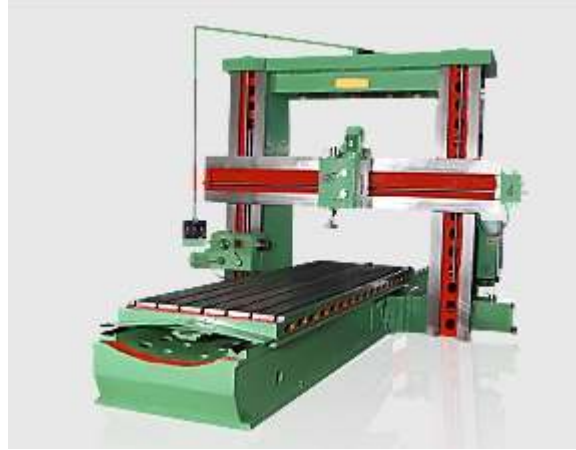
## HEAVY DUTY PLANNER MACHINE



| Technical Specification       | MODEL NO    |            |            |             |              |              |              |              |              |              |
|-------------------------------|-------------|------------|------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                               | OMP – 9     | OMP – 12   | OMP – 16   | OMP – 16A   | OMP – 20     | OMP – 20A    | OMP – 24     | OMP – 24A    | OMP – 24B    | OMP – 28     |
| Particulars                   | 4.5'x 3'x3' | 6'x 4'x 4' | 8'x 4'x 4' | 8'x 5' x 5' | 10'x 4' x 4' | 10'x 5' x 5' | 12'x 4' x 4' | 12'x 5' x 5' | 12'x 6' x 6' | 14'x 7' x 6' |
| Working Stroke                | 4.5 FT      | 6 FT       | 8 FT       | 8 FT        | 10 FT        | 10 FT        | 12 FT        | 12 FT        | 12 FT        | 14 FT        |
| Admit in Columns X Job Height | 36" x 36"   | 48" x 48"  | 48" x 48"  | 60" x 60"   | 48" x 48"    | 60" x 60"    | 48" x 48"    | 60" x 60"    | 72" x 72"    | 84" x 72"    |
| Cross Slide Face              | 12"         | 16"        | 16"        | 20"         | 16"          | 20"          | 16"          | 20"          | 24"          | 24"          |
| Pillar Face                   | 9"          | 14"        | 14"        | 18"         | 14"          | 18"          | 14"          | 18"          | 20"          | 20"          |
| V to V Centre in Bed          | 16"         | 24"        | 24"        | 30"         | 24"          | 30"          | 24"          | 30"          | 30"          | 30"          |
| Bed Width                     | 20"         | 30"        | 30"        | 36"         | 30"          | 36"          | 30"          | 36"          | 36"          | 36"          |
| Bed Length (Feet)             | 7.5'        | 11'        | 15'        | 15'         | 18'          | 18'          | 21'          | 21'          | 21'          | 24'          |
| Table Width                   | 26"         | 36"        | 36"        | 42"         | 36"          | 42"          | 36"          | 42"          | 42"          | 42"          |
| No. of Tool Post              | 1           | 1          | 1          | 2           | 2            | 2            | 2            | 2            | 2            | 2            |
| H.P. Required                 | 2 H.P.      | 2 H.P.     | 2 H.P.     | 3 H.P.      | 3 H.P.       | 5 H.P.       | 5 H.P.       | 5 H.P.       | 5 H.P.       | 5 H.P.       |



## HEAVY DUTY PLANNO MILLER MACHINE

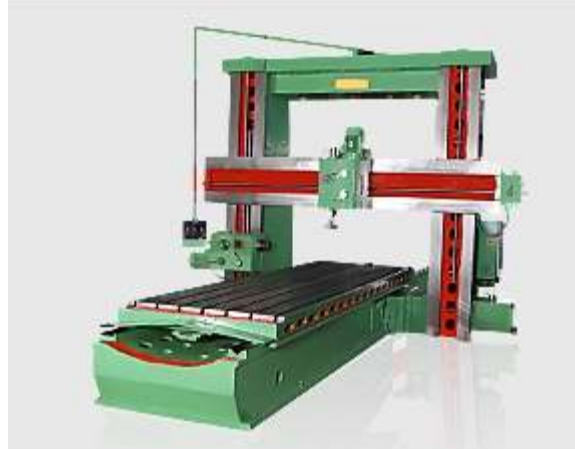


| Technical Specification       | MODEL NO   |             |             |              |              |              |              |              |             |
|-------------------------------|------------|-------------|-------------|--------------|--------------|--------------|--------------|--------------|-------------|
|                               | OMPM – 84  | OMPM – 85   | OMPM-104    | OMPM-105     | OMPM-124     | OMPM-125     | OMPM-126     | OMPM-147     | OMPM-165    |
| Particulars                   | 8'x 4'x 4' | 8'x 5' x 5' | 10'x 4'x 4' | 10'x 5' x 5' | 12'x 4' x 4' | 12'x 5' x 5' | 12'x 6' x 6' | 14'x 7' x 6' | 16'x 5'x 5' |
| Working Stroke                | 8 FT       | 8 FT        | 10 FT       | 10 FT        | 12 FT        | 12 FT        | 12 FT        | 14 FT        | 16 FT       |
| Admit in Columns X Job Height | 48" x 48"  | 60" x 60"   | 48" x 48"   | 60" x 60"    | 48" x 48"    | 60" x 60"    | 72" x 72"    | 84" x 72"    | 60" x 60"   |
| Cross Slide Face              | 16"        | 20"         | 16"         | 20"          | 16"          | 20"          | 24"          | 24"          | 20"         |
| Pillar Face                   | 14"        | 18"         | 14"         | 18"          | 14"          | 18"          | 20"          | 20"          | 18"         |
| V to V Centre in Bed          | 24"        | 30"         | 24"         | 30"          | 24"          | 30"          | 30"          | 30"          | 30"         |
| BED WIDTH                     | 30"        | 36"         | 30"         | 36"          | 30"          | 36"          | 36"          | 36"          | 36"         |
| Bed Length                    | 15'        | 15'         | 18'         | 18'          | 21'          | 21'          | 21'          | 24'          | 27'         |
| Table Width                   | 36"        | 42"         | 36"         | 42"          | 36"          | 42"          | 42"          | 42"          | 42"         |
| Milling Head(1 No)            | 5 H.P      | 5 H.P       | 5 H.P       | 5 H.P        | 5 H.P        | 5 H.P        | 7.5 H.P      | 7.5 H.P      | 7.5 H.P     |
| Feed Gear Box                 | 3 H.P      | 3 H.P       | 3 H.P       | 5 H.P        | 5 H.P        | 5 H.P        | 5 H.P        | 7.5 H.P      | 7.5 H.P     |
| Cross Feed Box                | 2 H.P      | 2 H.P       | 2 H.P       | 2 H.P        | 2 H.P        | 2 H.P        | 2 H.P        | 2 H.P        | 2 H.P       |
| Lifting Motor                 | 2 H.P      | 2 H.P       | 2 H.P       | 2 H.P        | 2 H.P        | 2 H.P        | 2 H.P        | 2 H.P        | 2 H.P       |
| Gross Weight                  | 8 M.T.     | 10.5 M.T.   | 9.5 M.T.    | 12 M.T.      | 12 M.T.      | 13.5 M.T.    | 15 M.T.      | 18 M.T.      | 18 M.T.     |





## EXTRA HEAVY DUTY PLANO MILLER MACHINE



| Technical Specification              | MODEL NO    |             |             |             |             |              |             |             |              |
|--------------------------------------|-------------|-------------|-------------|-------------|-------------|--------------|-------------|-------------|--------------|
|                                      | OMPM –166   | OMPM –168   | OMPM –205   | OMPM –206   | OMPM –208   | OMPM –210    | OMPM –226   | OMPM –248   | OMPM –261    |
| <b>Particulars</b>                   | 16'x 6'x 6' | 16'x 8'x 6' | 20'x 5'x 5' | 20'x 6'x 6' | 20'x 8'x 6' | 20'x 10'x 6' | 22'x 6'x 6' | 24'x 8'x 6' | 26'x 10'x 6' |
| <b>Working Stroke</b>                | 16 FT       | 16 FT       | 20 FT       | 20 FT       | 20 FT       | 20 FT        | 22 FT       | 24 FT       | 26 FT        |
| <b>Admit in Columns X Job Height</b> | 72" x 72"   | 96" x 72"   | 60" x 60"   | 72" x 72"   | 96" x 72"   | 120" x 72"   | 72" x 72"   | 96" x 72"   | 120" x 72"   |
| <b>Cross Slide Face</b>              | 24"         | 28"         | 20"         | 24"         | 28"         | 30"          | 24"         | 28"         | 30"          |
| <b>Pillar Face</b>                   | 20"         | 24"         | 18"         | 20"         | 24"         | 24"          | 20"         | 24"         | 24"          |
| <b>V to V Centre in Bed</b>          | 30"         | 48"         | 30"         | 30"         | 48"         | 60"          | 30"         | 48"         | 60"          |
| <b>BED WIDTH</b>                     | 36"         | 56"         | 36"         | 36"         | 56"         | 72"          | 36"         | 56"         | 72"          |
| <b>Bed Length</b>                    | 27'         | 27'         | 33'         | 33'         | 33'         | 33'          | 36'         | 39'         | 42'          |
| <b>Table Width</b>                   | 42"         | 62"         | 42"         | 42"         | 62"         | 96"          | 42"         | 62"         | 96"          |
| <b>Milling Head(1 No)</b>            | 7.5 H.P     | 10 H.P      | 7.5 H.P     | 7.5 H.P     | 10 H.P      | 15 H.P       | 7.5 H.P     | 10 H.P      | 15 H.P       |
| <b>Feed Gear Box</b>                 | 7.5 H.P     | 10 H.P      | 10 H.P      | 10 H.P      | 10 H.P      | 10 H.P       | 10 H.P      | 10 H.P      | 15 H.P       |
| <b>Cross Feed Box</b>                | 2 H.P       | 3 H.P       | 2 H.P       | 2 H.P       | 3 H.P       | 3 H.P        | 2 H.P       | 3 H.P       | 3 H.P        |
| <b>Lifting Motor</b>                 | 2 H.P       | 3 H.P       | 3 H.P       | 3 H.P       | 3 H.P       | 3 H.P        | 3 H.P       | 3 H.P       | 3 H.P        |
| <b>Gross Weight</b>                  | 19 M.T.     | 27 M.T.     | 21.5 M.T.   | 22.5 M.T.   | 32 M.T.     | 47 M.T.      | 24.5 M.T.   | 40 M.T.     | 54 M.T.      |

## HORIZONTAL BORING MACHINE



| TECHNICAL SPECIFICATION                                | MODEL NO  |            |             |             |             |             |
|--|-----------|------------|-------------|-------------|-------------|-------------|
|  | OMHB – 65 | OMHB – 80  | OMHB –100   | OMHB –110   | OMHB –125   | OMHB –150   |
| ALLOY STEEL WORK SPINDLE HANDEDENED & GROUND-DIAMETER  | 65        | 80         | 100         | 110         | 125         | 150         |
| MORSE TAPER NUMBER                                     | 4         | 5          | 6           | 6           | 6           | Metric 80   |
| MAX. LONGITUDINAL MOVEMENT OF WORKING SPINDLE          | 410       | 510        | 510         | 510         | 600         | 800         |
| NUMBER OF SPINDLE SPEEDS                               | 9         | 9          | 9           | 9           | 9           | 9           |
| RANGE OF SPINDLE SPEEDS - R.P.M.                       | 20 to 300 | 15 to 300  | 15 to 300   | 15 to 250   | 15 to 250   | 15 to 250   |
| LONGITUDINAL WORK SPINDLE FEEDS (NOS.)                 | 9         | 9          | 9           | 9           | 9           | 9           |
| MAX. HEIGHT OF THE SPINDLE AXIS FROM TABLE SURFACE     | 800       | 925        | 1000        | 1100        | 1250        | 1500        |
| MIN. HEIGHT OF THE SPINDLE AXIS FROM TABLE SURFACE     | 20        | 25         | 35          | 35          | 35          | 50          |
| DIMENSIONS OF THE ROTARY TABLE                         | 880x1050  | 900x1125   | 1030x1375   | 1100x1450   | 1225x1675   | 1500x2000   |
| LONGITUDINAL TABLE TRAVERSE                            | 1500      | 1625       | 1775        | 1925        | 2050        | 2225        |
| LONG. TABLE TRAVERSE FEEDS (INCLUDING ONE RAPID)       | 10        | 10         | 10          | 10          | 15          | 15          |
| TRANSVERSAL TABLE TRAVEL FEEDS (INCLUDING ONE RAPID)   | 10        | 10         | 10          | 10          | 15          | 15          |
| VERTICAL HEAD STOCK TRAVEL FEEDS (INCLUDING ONE RAPID) | 4         | 4          | 4           | 4           | 15          | 15          |
| ROTARY TABLE AUTOMATIC FEEDS (INCLUDING ONE RAPID)     | 10        | 10         | 10          | 10          | 15          | 15          |
| MAX. CROSS MOVEMENT OF THE TABLE                       | 910       | 1000       | 1100        | 1300        | 1550        | 2000        |
| MAX. DISTANCE BETWEEN STAY BEARING AND FACING HEAD     | 2150      | 2400       | 2690        | 2800        | 2950        | 3400        |
| FACING HEAD DIAMETER                                   | 450       | 505        | 555         | 600         | 650         | 700         |
| MOTOR REQUIRED   | 3 & 2 H.P | 5 & 2 H.P. | 7.5 & 2 H.P | 10 & 3 H.P. | 12.5 & 5H.P | 15 & 5 H.P. |
| WEIGHT APPROXIMATE IN KGS.                             | 7500      | 8500       | 10000       | 11500       | 16500       | 20000       |

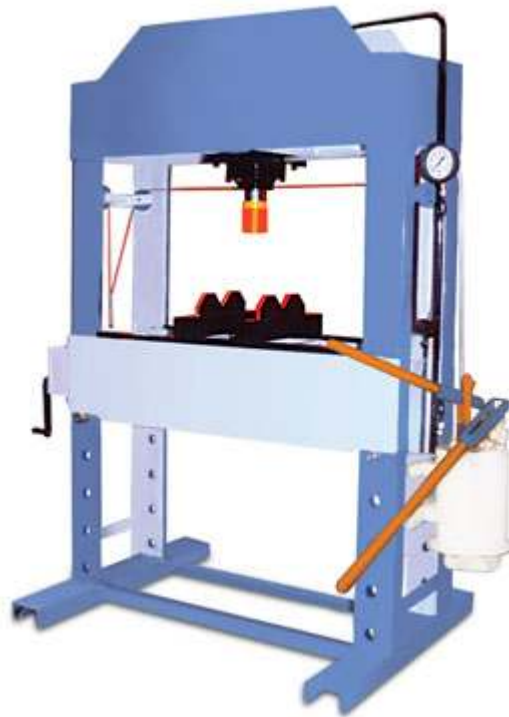
## HYDRAULIC HACKSAW MACHINE



| Technical Specification    | MODEL NO |          |          |          |          |           |          |
|----------------------------|----------|----------|----------|----------|----------|-----------|----------|
|                            | OHH – 16 | OHH – 20 | OHH – 24 | OHH – 28 | OHH – 32 | OHH – 36  | OHH – 40 |
| SIZE                       | 8"       | 10"      | 12"      | 14"      | 16"      | 18"       | 20"      |
| CUTTING CAP. IN ROUND BAR  | 200 MM   | 250 MM   | 300 MM   | 350 MM   | 400 MM   | 450 MM    | 500 MM   |
| CUTTING CAP. IN SQUARE BAR | 150 MM   | 200 MM   | 250 MM   | 300 MM   | 350 MM   | 400 MM    | 450 MM   |
| CAPACITY OF 45° CUT        | 90 MM    | 125 MM   | 175 MM   | 190 MM   | 220 MM   | 250 MM    | 280 MM   |
| WORKING STROKE             | 140 MM   | 140 MM   | 140 MM   | 140 MM   | 140 MM   | 140 MM    | 140 MM   |
| SIZE OF BLADE ( MM )       | 16"      | 18"      | 20"      | 22"      | 24"      | 28"       | 30"      |
| POWER REQUIRED             | 1 H.P.   | 2 H.P.   | 2 H.P.   | 2 H.P.   | 3 H.P.   | 3 H.P.    | 5 H.P.   |
| STROKE PER MINUTE          | 110      | 95       | 95       | 95       | 80       | 70        | 70       |
| WEIGHT OF MACHINE          | 450 KGS. | 550 KGS. | 600 KGS. | 700 KGS. | 800 KGS. | 1100 KGS. | 1500 KGS |



## HAND OPERATED 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        |

## VERTICAL TURNING LATHE MACHINE



| PARTICULARS   | MODEL NO   |            |            |            |            |            |            |            |
|---|------------|------------|------------|------------|------------|------------|------------|------------|
|   | OVTL – 100 | OVTL – 120 | OVTL – 150 | OVTL – 200 | OVTL – 250 | OVTL – 300 | OVTL – 400 | OVTL – 500 |
| TABLE DIAMETER                                      | 1000 MM    | 1200 MM    | 1500 MM    | 2000 MM    | 2500 MM    | 3000 MM    | 4000 MM    | 5000 MM    |
| MAX. SWING  | 1300 MM    | 1600 MM    | 2000 MM    | 2500 MM    | 3000 MM    | 3600 MM    | 4600 MM    | 5600 MM    |
| MAX. TURNING DIA WITH SIDE HEAD IN WORKING POSITION | 1200 MM    | 1400 MM    | 1800 MM    | 2300 MM    | 2800 MM    | 3300 MM    | 4300 MM    | 5300 MM    |
| WORKING HEIGHT UNDER CROSS RAIL                     | 1000 MM    | 1200 MM    | 1500 MM    | 1600 MM    | 1600 MM    | 2300 MM    | 2500 MM    | 2500 MM    |
| VERTICAL TRAVEL OF RAM HEAD                         | 500 MM     | 600 MM     | 600 MM     | 1000 MM    | 1000 MM    | 900 MM     | 1000 MM    | 1000 MM    |
| SWIVEL ANGLE OF RAM HEAD                            | 45°        | 45°        | 45°        | 45°        | 45°        | 45°        | 45°        | 45°        |
| HORIZONTAL TRAVEL OF SIDE HEAD                      | 600 MM     | 600 MM     | 600 MM     | 700 MM     | 800 MM     | 900 MM     | 1000 MM    | 1000 MM    |
| MAX. VERTICAL TRAVEL OF SIDE HEAD                   | 1000 MM    | 1000 MM    | 1000 MM    | 1250 MM    | 1250 MM    | 1750 MM    | 1750 MM    | 2000 MM    |
| TABLE SPEED ( RPM )                                 | 10 – 100   | 9 – 90     | 8.5 – 85   | 5 – 50     | 2 – 20     | 1.5 – 15   | 1.5 – 15   | 1 – 10     |
| FEEDS, HORIZONTAL & VERTICAL (NO.)                  | 6          | 6          | 6          | 6          | 6          | 6          | 6          | 6          |
| RANGE (MM/MIN.)                                     | 0.3 – 2.3  | 0.3 – 2.3  | 0.3 – 2.3  | 1 – 6.5    | 1 – 6.5    | 1 – 6.5    | 1 – 6.5    | 1 – 6.5    |
| MAIN MOTOR H.P.                                     | 15         | 15         | 20         | 25         | 30         | 40         | 40         | 50         |
| APPROX WEIGHT OF MACHINE (M.T.)                     | 12         | 13.5       | 15         | 21         | 25         | 35         | 45         | 55         |





## HEAVY DUTY SLOTTING MACHINE



| Technical Specification          | MODEL NO    |              |              |              |              |              |              |
|----------------------------------|-------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                                  | OMS – 200   | OMS – 250    | OMS – 300    | OMS – 350    | OMS – 400    | OMS – 450    | OMS - 500    |
| MAX. LENGTH OF STROKE            | 8" (200 MM) | 10" (250 MM) | 12" (300 MM) | 14" (350 MM) | 16" (400 MM) | 18" (450 MM) | 20" (500 MM) |
| LENGTH OF RAM                    | 20"         | 30"          | 30"          | 40"          | 42"          | 42"          | 52"          |
| WIDTH OF RAM                     | 6"          | 8"           | 8"           | 9"           | 9"           | 9.1/2"       | 12"          |
| NO. OF SPEEDS TO RAM BY GEAR BOX | 2           | 2            | 4            | 4            | 4            | 4            | 4            |
| MAX. DIA OF WORK ADMITTED        | 20          | 32           | 36           | 48           | 48           | 48           | 72           |
| MAX. HEIGHT OF WORK ADMITTED     | 7           | 9            | 11           | 18           | 22           | 22           | 24           |
| LONGITUDINAL TRAVERSE OF TABLE   | 9           | 15           | 18           | 24           | 24           | 24           | 36           |
| TRANSVERSE TRAVERSE OF TABLE     | 10          | 12           | 15           | 18           | 18           | 18           | 24           |
| DIA OF ROTARY TABLE              | 12          | 15           | 18           | 24           | 24           | 24           | 42           |
| POWER REQUIRED                   | 1 H.P.      | 2 H.P.       | 3 H.P.       | 5 H.P.       | 7.5 H.P.     | 7.5 H.P.     | 10 H.P.      |