



X6140 Vertical Knee type Milling

STANDARD ACCESSORIES

HORIZONTAL MILLING CUTTER ARBOR SUBASSEMBLY

MILLING CHUCK

MILLING CUTTER ARBOR

TAPER SLEEVE

DOUBLE ENDED WRENCH

SINGLE ENDED SPANNER

INNER HEXAGON SPANNER

| SPECIFICATION | UNIT | X6132 | X6140 |
|--------------------------|-------------|--|--|
| TABLE SIZE | MM | 1320x320 | 1600x400 |
| NO./WIDTH/DIS. OF T-SLOT | MM | 3-18-70 | 3-18-90 |
| MAX.LOAD OF TABLE | KG | 500 | 800 |
| SPINDLE TAPER | | ISO50 | ISO50 |
| SPINDLE SPEED RANGE | R/MIN | 30-1500 | 30-1500 |
| SPINDLE SPEED STEP | STEPS | 18 | 18 |
| TABLE TRAVEL(X,Y,Z) | MM | 700/255/320(MANUAL) 680/244/300(AUTO) | 900/315/380(MANUAL) 880/300/360(AUTO) |
| CUTTING FEED SPEED | MM/MIN | X :23.5-1180; Y: 15-786; Z: 8-394 | X,Y: 23.5-1180; Z: 8-394 |



Vertical knee-type milling machine



X5032

| Specification | Unit | X5032 | X5032B | X5040 |
|---|-------|----------------|----------------|----------------|
| Table size | mm | 320x1325 | 320x1600 | 1700x400 |
| T-slots(NO/width/pitch) | mm | 3/18/70 | 3/18/70 | 3/18/90 |
| Max longitudinal travel (manual/automatic) | mm | 700/680 | 900/880 | 900/880 |
| Max cross travel(manual/automatic) | mm | 255/240 | 255/240 | 315/300 |
| Max vertical travel (manual/automatic) | mm | 370/350 | 370/350 | 385/365 |
| Rapid speed of table(X.Y.Z) | mm | 2300/1540/770 | 2300/1540/770 | 2300/1540/770 |
| Swivel angle of vertical milling head | | ± 45° | ± 45° | ± 45° |
| Spindle travel | mm | 70 | 70 | 85 |
| Spindle bore | mm | 29 | 29 | 29 |
| Spindle taper | | 7:24 ISO50 | 7:24 ISO50 | 7:24 ISO50 |
| Distance between spindle nose and table surface | mm | 45/415 | 45/415 | 30/500 |
| Spindle speed step | | 18 | 18 | 18 |
| Spindle speed range | r.p.m | 30-1500 | 30-1500 | 30-1500 |
| Feed range of table travel | | 18 | 18 | 18 |
| Main motor power | kw | 7.5 | 7.5 | 11 |
| Rapid motor power | kw | 1.5 | 1.5 | 1.5 |
| Overall size | mm | 2294x1770x1904 | 2294x2050x1904 | 2556x2159x2298 |
| N.W/G.W | kg | 2900/3200 | 3000/3300 | 4250/4550 |

Standard accessories:(X5032)

milling-cutter mandrel, wrench, taper, draw bar, oil gun, nut, foundation screw.

Optional:

Dividing head, milling chuck, machine vice, H/V rotary table, DRO.

Stanard accessories: (X6132)

milling cutter mandrel, wrench, taper, oil gun, nut, foundation screw.

Optional :

Dividing head, H/V rotary table, mill chuck, machine vice, vertical milling head

| Specifications | Unit | X6140 | X6132 |
|---|-------|---------------------------------------|---------------------------------------|
| Table size | mm | 1700x400 | 320x1325 |
| No. of T-slots | | 3 | 3 |
| Width of T-slots | mm | 18 | 18 |
| Max load | kg | 800 | 500 |
| Longitudinal travel(manual/auto) | mm | 900/880 | 700/680 |
| Cross travel(manual/auto) | mm | 315/300 | 255/240 |
| Vertical travel(manual/auto) | mm | 380/360 | 320/300 |
| Cutting feed speed | mm/mm | X:19° 950,Y:19° 950,Z:6.3-317,30-1500 | X:19° 950,Y:19° 950,Z:6.3-317,30-1500 |
| Spindle speed range | r/min | 30-1500 | 30-1500 |
| Spindle speed step | steps | 18 | 18 |
| Max. swivel angle of table | | ± 45° | ± 45° |
| Distance between spindle axis and table surface | mm | 30/410 | 30/350 |
| Power of spindle motor | kw | 11 | 7.5 |
| Overall dimensions(LxWxH) | mm | 2556x2159x1770 | 2294x1770x1610 |
| Net weight | kg | 3850 | 2650 |



X6132