

# POLYTOP

Exporter from china

## PTVL-400 Vertical CNC Lathe



### Features:

- ideal for flange machining
- roller guide system
- control with SIEMENS 802 D
- totally enclosed design, compact size
- high stability, high rigidity linear guideways
- practical workpiece access
- high accuracy, bearing for main spindle in NSK ISO grade IT4
- with ZF 2-step automatic gearbox and belt driven spindle, suitable to brute cutting in low speed
- powerful main drive, infinitely variable
- 4-station horizontal axis turret

| <b>Specifications</b>          |              | <b>PTVL-400</b>         |
|--------------------------------|--------------|-------------------------|
| max. turning diameter over bed |              | 800 mm                  |
| max. workpiece diameter        |              | 620 mm                  |
| max. workpiece length          |              | 450 mm                  |
| spindle                        | speeds       | L:7-680rpm,H:27-2700rmp |
|                                | max. torque  | 2066 Nm                 |
|                                | spindle bore | 105 mm                  |
|                                | spindle nose | A <sub>2</sub> - 11     |
| feed motor capacity            | X            | 2.1 kW                  |
|                                | Z            | 3.8 kW                  |
| max. travel                    | X            | 560 mm                  |
|                                | Z            | 600 mm                  |
| rapid feed                     | X            | 20 m/min                |
|                                | Z            | 24 m/min                |
| hydraulic jaw chuck diameter   |              | 457 mm                  |
| tool shank size                |              | 32 x 32 x 175 mm        |
| boring bar Ø                   |              | 50 mm                   |
| tool change                    |              | 0.5 sec                 |
| motor rating                   |              | AC 30 / 37 kW           |
| dimensions L x W x H           |              | 1840 x 2750 x 2650 mm   |
| net weight                     |              | 8500 kg                 |
|                                |              | ii                      |