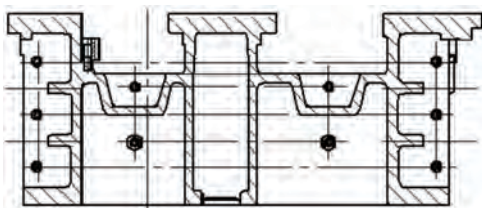


800 X 2500 MM CNC ROLL TURNING LATHE

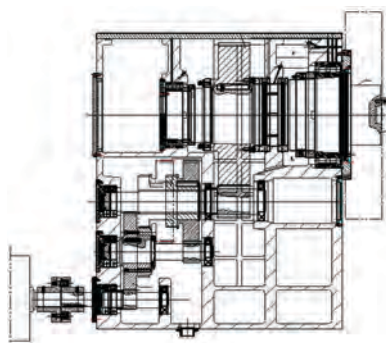


BED



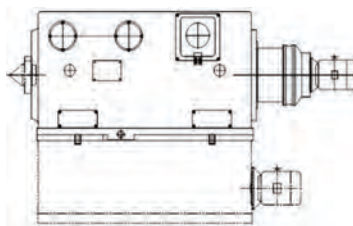
- Three guide way design (high strength cast iron) minimizes vibration during heavy and interrupted cuts
- Numerous anchor supports ensure the machine's level and stability
- Bed designed for efficient chip evacuation
- Sliding surfaces inserted with wear resistant materials for less friction and improved the life of the machine

HEADSTOCK



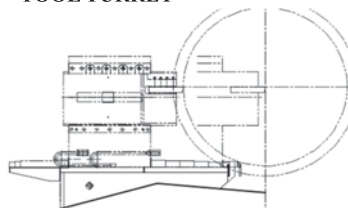
- Spindle housing has an independent hydraulic and lubrication system, and oversized precision spindle bearings
- The high/low gear shifted via hydraulic actuated shifting arms
- Servo spindle motor is mounted on a cast iron base and connected via heavy duty ridged coupling
- A jog/run control station is mounted on front and rear of the head for easy operation during set up
- A heavy duty face plate with oversized bolt on jaws mounts directly to the nose via a double circle bolt pattern and short taper

TAILSTOCK



- Two piece tailstock structure
- Moves via powered rack and pinion
- High pressure clamps and positive stops ensure rigidity
- Upper block houses the quill, fitted with a heavy duty radial roller bearing system for the built in live center
- Quill has power positioning and is equipped with HD Belleville washers to prevent damage to the mechanism caused by thermal expansion
- Digital force measuring device is installed to ensure proper force is placed on the workpiece

TOOL TURRET



- Upper slide houses two blade type cutting holders
- Blades independently positioned with heavy duty manual clamps
- X / Z movements powered by AC servo motors with HD reduction boxes and oversized double anchored precision ball screws
- Steel telescopic way covers for both carriage and cross slide axes

CNC Control System: Siemens 828D
 Workpiece turning dia.: Ø 0 - 800 mm (0" - 31.5")
 Max. workpiece length: 2500 mm (98.4")
 Max. work load: 18 T (39,600 lbs.)
 Spindle speeds (2, stepless): 1 - 100 rpm
 Spindle motor: 75 kW (100 hp)
 Short taper spindle nose, cone taper flange disk: 1:4 Ø 80 mm
 4-jaw chuck dia.: Ø 800 mm (31.5")
 Machine rail width: 1350 mm (53.1")
 Front main shaft support bearing dia.: Ø 280 mm (11")
 Max. cutting force: 125 KN (28,100 lbs.)
 Tool-section dimension: 80 mm x 60 mm (3.15" x 2.36")
 Max. slide lateral travel: 320 mm (12.6")
 Stroke blades: 340 mm (13.4")
 Rapid traverse (longitudinal / cross): 3000 mm/min (118 ipm)
 Quill dia.: Ø 280 mm (11")
 Max. stroke of sleeve top: 300 mm (11.8")
 Tailstock moving speed: 50 mm/min (2 ipm)
 Short tailstock spindle taper (Portland disk): 1:4 Ø 80 mm
 Tailstock rapid traverse: 2000 mm/min (78 ipm)

For more information on this product, other HD Roll Lathe sizes, or any of our other Machine Tool Product Lines Call: (713) 462-5800