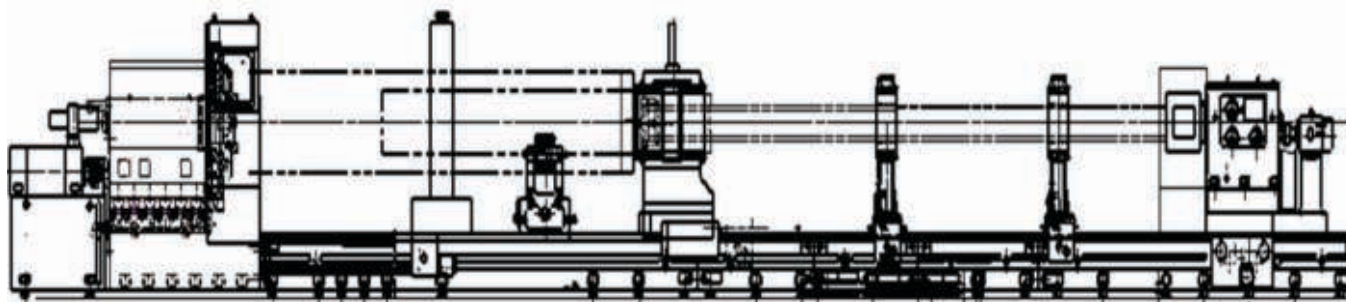


DB80/100 CNC DEEP HOLE BORING MACHINE



The DB80/100 CNC Deep Hole boring, drilling, and trepanning machine is specially designed for deep hole drilling in a workpiece using BTA style drilling heads, trepanning or heavy duty boring, with high pressure / high volume oil supply to the cutting area for efficient chip evacuation.



CNC control: Siemens 828D
 Drilling dia. range: 60 – 180 mm (2.36" – 7.08")
 Max boring dia.: 800mm (32")
 Drilling / boring depth range: 0 – 7000 mm (0" – 275.5")
 Max. load cap.: 32,000 kg (70,400 lbs.)
 Chuck dia.: 1350 mm (53.1")
 Clamping chuck dia. range: 320 – 1250 mm (12.6" – 49.2")
 Closed steady rest clamping range: 320 – 950 mm (12.6" – 37.4")
 Open steady rest clamping range: 600 – 1200 mm (23.6" – 47.2")
 Spindle speeds (3, Inf. Var.): 3 – 120 rpm
 Tool Feed rates: 0.5 – 300 mm/min (0.019 – 11.8 ipm)
 Main spindle motor power: 110 kW DC (150 hp)
 Feed motors power (servos): 11 kW (15 hp)
 Drilling / boring bar motor power: 75 kW (100 hp)
 Drilling / boring bar speeds: 32 – 400 rpm
 Coolant pump motor: 22 kW / 1440 rpm (30 hp)
 Coolant system rated pressure: 2.5 MPa (362 psi)
 Coolant system flow rate: 0 – 800 L/min
 Bed width: 1250 mm (49.2")
 OAD (LxWxH): 23000 x 4500 x 2600 mm (75.5' x 14.75' x 8.5')

Machine Accuracies
 Bore surface roughness: Ra 3.2 – 12.5µm
 Cylindricity: 0.036 mm / 500 mm
 Roundness: 0.02 mm

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