



## HURCO BX40I - (HSK63, 18K, 30T)

Call for pricing

[1-815-597-5341](tel:1-815-597-5341)

### High Speed Double-Column Bridge Design Machining Centers

The stability of the double-column, the ladder design of the Z-axis, and the overall weight of the BX machines provide exceptional accuracy, thermal compensation, and outstanding surface finish capabilities. Equipped with an 18,000 rpm spindle and Hurco's patented UltiMotion technology, the BX series is designed for high speeds and tight tolerances.

- Extremely rigid and thermally stable double-column design.
  - Ladder design of bridge provides maximum support to the head casting.
  - Close proximity of spindle to bridge casting reduces overhang.
  - Roller-type rails on all axes provide additional rigidity.
  - Direct-coupled ballscrews support increased speed and accuracy.
  - Motorized high-speed spindle.
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**SKU:** N/A

**Categories:** [New Machines](#)

## ADDITIONAL INFORMATION

<b>X, Y, Z Travel</b>	40.2 x 27.6 x 19.7 in
<b>Spindle Nose to Table</b>	7 in min / 26.7 in max (178 mm min / 678 mm max)
<b>Table Size</b>	41.3 x 27.6 in (1,050 x 700 mm)
<b>Max Weight On Table</b>	2,204.6 lbs (1,000 kg)
<b>T-Slot Size</b>	6 x 0.7 in (6 x 18 mm)
<b>Peak Spindle Motor</b>	47 hp (35 kW)
<b>18k</b>	88 ft-lbs @ 2,800 rpm (119 Nm @ 2,800 rpm)
<b>Number Of Tools</b>	30
<b>Tool Type</b>	HSK 63 Form A
<b>Max Tool Diameter</b>	3 in (76 mm)
<b>Max Tool Length</b>	11.8 in (300 mm)
<b>Max Tool Weight</b>	15.4 lb. (7 kg)
<b>Max Programmable Feedrate</b>	1,535 inches/minute (39 m/minute)
<b>Rapid Traverse X,Y,Z Axis</b>	1,535 in/min, 1,535 in/min, 1,535 in/min (39 m/minute, 39 m/minute, 39 m/minute)
<b>Machine Height</b>	112.8 in (2,865 mm)
<b>Required Floor Space</b>	188.3 x 138.5 in (4782 x 3518 mm)
<b>Machine Weight</b>	20,062 lbs
<b>Voltage Needed</b>	200-240 VAC / 60 Hz

**Air Needed**

7-15 CFM @ 80-100 psi