

# FH-400

## Specifications

<b>TRAVEL</b>	
X-axis Travel (in.)	24 in.
Y-axis Travel (in.)	20 in.
Z-axis Travel (in.)	20 in.
<b>TABLE</b>	
Table Dimension (in.)	15.75 X 15.75 in.
Max. sizes of workpiece (in.)	Ø20 x 24 in.
Max. swing diameter in working space (in.)	Ø27.5 in.
Max. table load (lbs.)	882 lbs.
<b>APC</b>	
Pallet change type	Rotary type
Number of pallets	2
Distance from table to floor (in.)	39 in.
Pallet change time	12 sec
<b>SPINDLE</b>	
Spindle type	Built-in type BT-40
Spindle speed (RPM)	12,000 / 15,000* RPM
Inside diameter of bearing (in.)	2.75 in.
Spindle motor	18.5 kW
<b>FEED</b>	
Rapid feed rates (X/Y/Z) (in./min)	1,417/1,417/1,417 in./min (2,362/2,362/2,362* in./min)
Cutting feed rates (X/Y/Z) (in./min)	787/787/787 in./min
X/Y/Z axis ballscrews (dia. x pitch) (in.)	1.25 x 0.63 in.
<b>ATC</b>	
Tool capacity	40/ 60*
Tool change type	Arm type
Tool shank	BT-40 / CT-40
Tool change time	T-T 2.5 sec ; C-C 3.5 sec
Max. tool weight (lbs.)	15.4 lbs.
Max. tool diameter (w/ adjacent tool)	Ø3 in.
Max. tool diameter (w/o adjacent tool)	Ø5 in.
Max. tool length (in.)	11.8 in.
Tool selection method	Fixed type
Magazine drive	Servo motor

## OTHER

Machine width (in.)	95 in.
Machine length (incl. coolant tank) (in.)	140 in.
Machine height (in.)	107.5 in.
Machine weight (lbs.)	12,125 lbs.

All specifications are subject to change without notice.

\*Optional