

HR TOOLROOM SERIES SPECIFICATIONS		HR-14
MACHINE CAPACITY	X Travel	40"
	Y Travel	20"
	Z Travel	20"
	Table Load (Evenly Distributed)	3,500 lbs.
	Table Size	16" x 54"
	T-Slots (No./Width)	5 / 0.63"
	Table Top to Floor	33.8"
SPINDLE	Motor HP (Peak)	20 HP
	Spindle Speed (RPM)	60 - 8,000 RPM
	Spindle Torque	80 ft/lbs @ 350 RPM
	Tool Type/Taper	CAT 40 or BT-40
	Spindle Nose to Table Center	29" - 9"
	Spindle Center to Table Top	22" - 2"
ROTARY TABLE OPTION	Platter size	16"
	Max Rotation Speed	33 RPM
	Max Table Load	3,000 lbs.
	Positioning Accuracy	12 arc sec
	Position Repeatability	5 arc sec
	Spindle Center to Table Top	16" - 0
ATC OPTION	Tool Storage Capacity	16 Station Arm Type
	Tool Change Time	4 seconds
	Max. Tool Diameter (full)	5.90"
	Max. Tool Dia (adjacent empty)	9.85"
	Max. Tool Weight	15.0 lbs
	Max. Tool Length	11"
PERFORMANCE	Positioning Accuracy	+/-0.0002"
	Positioning Repeatability	+/-0.0001"
	Ballscrew Diameter	1.57"
	Rapid Traverse	600 IPM X, Y, Z
	Cutting Feed Rate	.001 - 400 IPM
	Servo Type	AC Digital Brushless
	Axis Thrust (Peak)	3,000 lbs.
GENERAL INFO	Air Pressure Requirements	90 PSI 3 CFM
	Coolant Capacity	12 gallons
	Coolant Flow	3 GPM
	Power Requirements	40 AMP 430-500 VAC (220 VAC opt)
	Shipping Dimensions* (WxDxH)	54" x 80" x 78"
	Operating Dimensions (WxDxH)	113" x 80" x 106"
	Machine Weight	9,000 lbs