

Henderson County Board of Education
1805 Second St.
Henderson, KY 42420

CNC Milling Machine 2019 – 2020
RFP No. 4-19-6-2

	Phillips Corp. Fed. Div.	Midwest Manufacturing Resources, Inc.	Trident Machine Tool, LLC
HAAS TM – 1P Tool Room CNC Milling Machine			
40 Taper Spindle			
7.5 HP (5.6 kW) Vector Drive,			
6,000 rpm 33 ft-lb, inline direct-drive			
Table 47.75 x 10.5 x 1,000lbs Capacity			
400 ipm (25.4 m/min) rapids (X, Y, Z)			
400 ipm max cutting in standard mode			
Electronic Thermal Compensation to compensate for the expansion and contraction of each linear axis			
10 Station Carousel tool Changer with 5.7s tool-to-tool change (avg)			
20 gallon (76) flood coolant system			
Max footprint 96"x68"x105" H			
Max Weight 4,250 lbs.			
Work Light			
Convenience Package – One (1) stainless steel work table,			
One (1) large storage shelf that mount to the front of the machine,			
One (1) tool tray for 40-taper tool holder vise mounted to work table and			
One (1) side rack for small tools			
Controller Features:			
15" color LCD monitor, Visual Programming System,			
Media Display M-Code, Self-Diagnostics.			
Ethernet interface, USP port, Memory Lock Keyswitch,			
Advance Pocket Milling, Tool Life management,			
background editing, 1 Gigabyte program memory,			
Lifting Provisions, Power Failure Detection module			
and 1year standard warranty			
Options:			
Don't waste valuable machine time removing chips by hand from your Haas mill. The Haas Chip Auger will do the job for you, and at a very low cost. Our auger-style chip conveyor automatically removes chips from the machine, while compressing them and wringing out the coolant.			
The system uses smart-sensing technology to automatically reverse if a jam occurs.			
Synchronized (rigid) tapping eliminates the need for expensive, floating tap holders, and prevents lead-thread distortion and start-thread pullout.			
The high-flow coolant pump kit for your Haas Toolroom Mill upgrades the standard ¼ hp (186 W) pump to a ¾ hp (0.6 kW) pump that pushes 5.25 gpm @ 30 psi (19.9 L/min @ 2 bar), providing greatly increased coolant pressure to the cutting tool.			
Activated via M-code or keypad, the high-flow coolant pump will clear chips out of the way of the cutting tool in jobs that produce a lot of chips. You'll see nicer part finishes, and extended tool life that will save time and money			
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