



HURCO VM10UI PLUS GENERAL PURPOSE 5- AXIS MC (CAT40, 12K, 20T)

Call for pricing

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

The efficient design of the Hurco 5-axis trunnion table machining centers (U Series) is a key benefit to consider—we use an integrated trunnion table instead of simply sticking a trunnion table on a 3-axis machining center and passing it off as a 5-axis machine. The integrated trunnion table design provides more clearance in Z compared to other brands.

Benefits of Trunnion 5-Axis Mill

- **Easy transition from 3-axis machining.** The 5-axis trunnion style machining centers are an ideal configuration for 5-sided machining, especially if you've always worked on a 3-axis machine because the trunnion style design uses the same principles as 3-axis (i.e., you still machine in a linear fashion, but you just machine more sides). This means less training, less setup time, and more flexibility.
- **More clearance in Z-axis.** The

integrated design of the trunnion table 5-axis VMC gives you more clearance in Z, especially compared to 3-axis VMCs with a trunnion table added to simulate a 5-axis VMC.

- **Seamless integration.** Seamless integration of pneumatic and/or hydraulic fixtures is another benefit. We purposely designed the U-Series 5-axis VMCs so you can easily feed the cables for these types of fixtures through the shoulder.

- **Better undercut + larger work volume + more torque.** Other reasons to choose the trunnion style configuration include better undercut capability because the trunnion rotates +110 degrees compared to the SR's +92 degrees. Compared to the SR, the trunnion style gives you a larger work volume because you don't have to compensate for the space used by the swivel head with tool attached. The U-Series trunnion 5-axis mills also have more torque at low rpm.

SKU: N/A

Categories: [New Machines](#)

ADDITIONAL INFORMATION

X, Y, Z Travel	21 x 16 x 19 in
A, C Axis Travel	+30°/-110°, 360°
Spindle Nose to Table Min/Max	1.4 in / 20.4 in (36 mm / 519 mm)
Table Size	7.8 dia
Max Weight On Table	330 lbs (150 kg)
T-Slot Size	6 x .39 in (6 x 10 mm)
Peak Spindle Motor	12 hp @ 1,500 rpm (8.9 kW @ 1,500 rpm)
12000 rpm	45 ft-lbs @ 1740 rpm (61 Nm @ 1740 rpm)
Number Of Tools	20
Tool Type	CAT, BT, DIN 40
Max Tool Diameter	3.5 in (89 mm)
Max Tool Length	9.8 in (250 mm)
Max Tool Weight	15.4 lb (7 kg)
Max Programmable Feedrate	945 inches/minute (24 m/minute)
Rapid Traverse X,Y,Z Axis	945 in/min, 945 in/min, 945 in/min (24 m/minute, 24 m/minute, 24 m/minute)
Rapid Traverse A, C Axis	25 rpm
Machine Height	105.2 in (2,669 mm)

Required Floor Space	117.9 x 105 in (2,994 x 2,666 mm)
Machine Weight	7,392 lbs
Voltage Needed	200-240 VAC / 60 Hz
Air Needed	10 CFM @ 80-100 psi