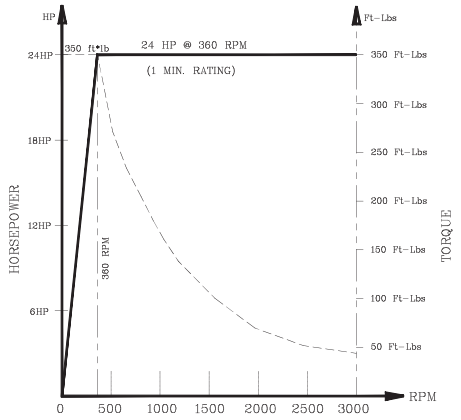
TMM10i

Save time—turn and mill on one machine.

Machine Overview

- True 30-degree slant-bed casting design promotes:
  - increased rigidity
  - larger turning capacity
  - efficient chip removal
- Maintenance-free cartridge spindle with permanently greased bearings
- Spindle harmonic control
- Standard tailstock mounted on heavy-duty box ways with live center
- All turret stations are live tooling stations
- Cast iron frame designed with Finite Element Analysis (FEA)
- Large ball screws minimize friction
  - 1.26 inches X-axis
  - 1.57 inches Z-axis
- Linear motion guideways on all axes:
  - less friction at higher speeds
  - easier and less expensive to replace
- Distance between guide ways promotes rigidity
  - 7.87 inches X-axis
  - 12 inches Z-axis
- Double-nut pre-loaded ball screws increase accuracy
- Bi-directional servo turret decreases tool index time

POWER & TORQUE



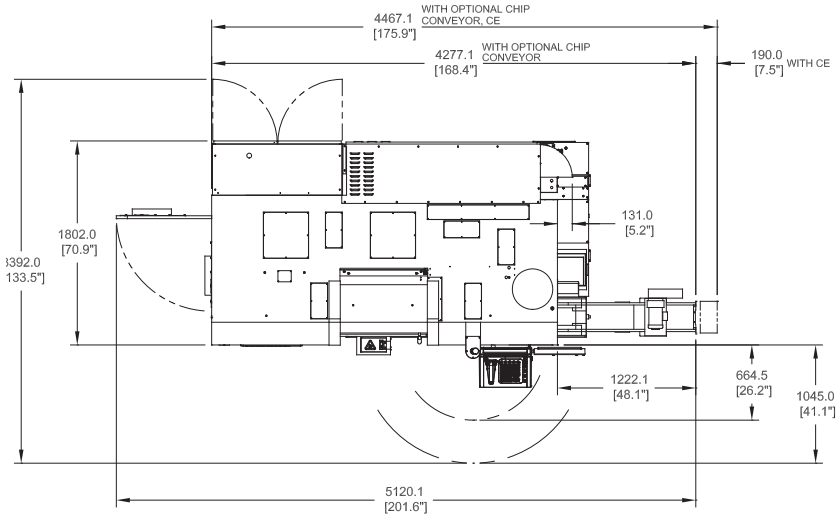
Base Speed 360 RPM, Max.Speed 3000 RPM
1 Min. Power Rating/Torque Rating=24 HP/350 Ft-Lbs

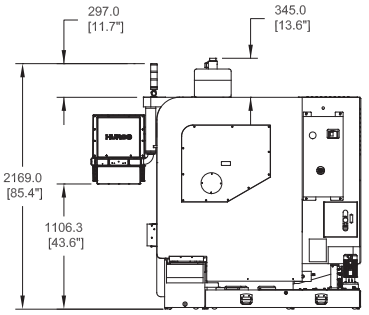
Live tooling. Premium components. Efficient design. Built to last. All 12-tool stations of the turret are live. The servo turret provides more accurate tool indexes with ability to use any combination of ID and OD live/static tool holders. The TMMi Series features a component isolation system that combats heat dissipation and spindle head growth. Advanced spindle technology with multiple V-belt design promotes higher power transfer and quieter operation. Equipped with brushless Yaskawa AC servo motors and Yaskawa drives.

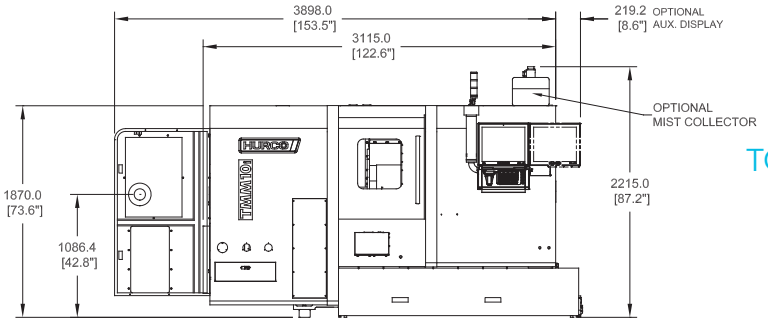
Machine specifications can be found on Pages 41-43

POWER & CAPACITY TMM10i

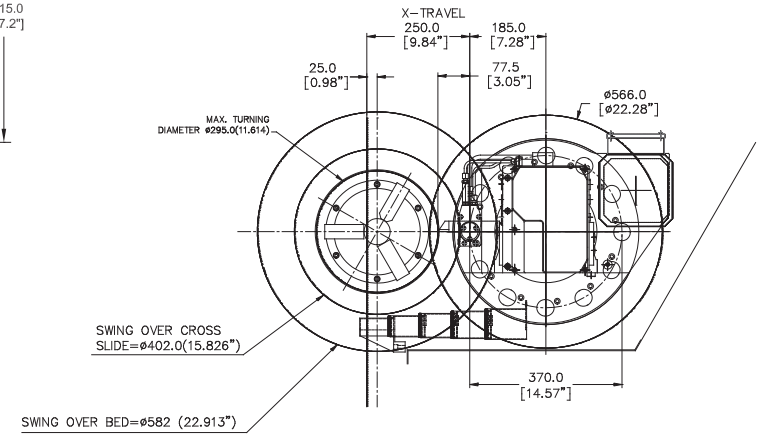
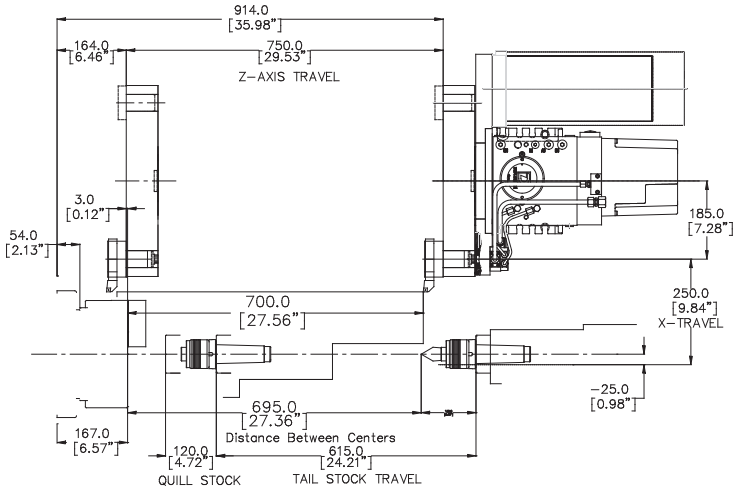
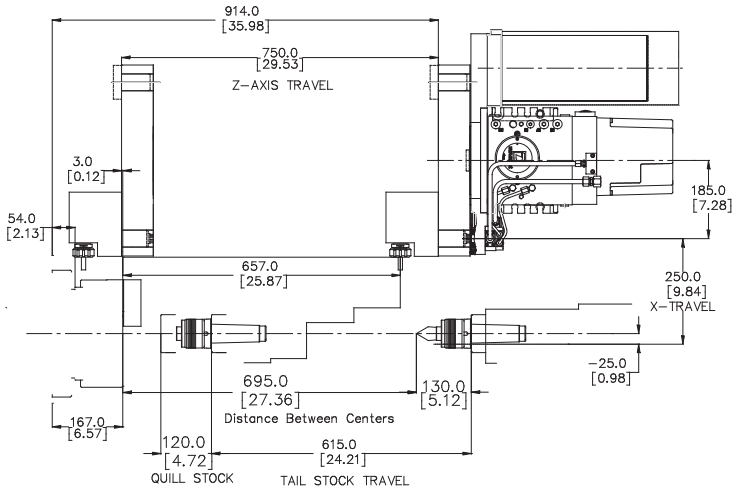
OPERATING DIMENSIONS







TOOL INTERFERENCE



OD TOOL TAILSTOCK INTERFERENCE