

TMX8MYi

Powerful productivity in a live tooling turning center.



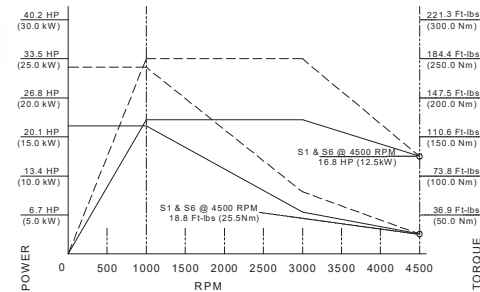
Machine Overview

- » Motorized spindle
- » More Y-axis travel than competitive models
- » True 30-degree slant-bed casting design promotes:
 - increased rigidity
 - larger turning capacity
 - efficient chip removal
- » Standard servo driven programmable tailstock mounted on heavy-duty linear rails with live center
- » Large ball screws to minimize friction (1.42-inches X/Z/W + 1.26 inches Y)
- » Linear motion guideways on all axes:
 - less friction at higher speeds
 - easier and less expensive to replace
- » Cast iron frame designed with Finite Element Analysis (FEA)
- » Distance between guide ways promotes rigidity
 - 10 inches X-axis and Y-axis
 - 18.5 inches Z-axis
 - 11.4 inches W
- » Double-nut pre-loaded ball screws increase accuracy
- » Bi-directional servo turret decreases tool index time
- » Spindle harmonic control
- » Spindle chiller standard
- » Parts catcher standard
- » Chip conveyor standard

Built for speed.

Servo turret provides quick-change tooling and fast indexing, features a large curvic coupling for superior rigidity, and makes all stations live-tool capable. The short drive train of live tooling generates less heat and provides more torque to the tool, resulting in higher reliability and quieter operation. Other benefits include: high output, digitally controlled spindle motor, programmable tailstock, and a component isolation system that combats heat dissipation and spindle head growth.

POWER & TORQUE



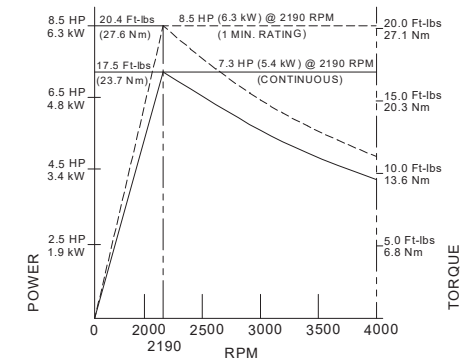
Continuous Rating - S1(100%) Base Speed 1000 RPM :

23.1 HP (17.2 kW)
121.0 Ft-Lbs (164.0 Nm)

30min. Rating - S6(40%) Base Speed 1000 RPM :

33.5 HP (25.0 kW)
176.3 Ft-Lbs (239.0 Nm)

LIVE POWER & TORQUE



Continuous Rating - Base Speed 2190 RPM :

7.3 HP (5.4 kW)
17.5 Ft-lbs (23.7 Nm)

1 min. Rating - Base Speed 2190 RPM :

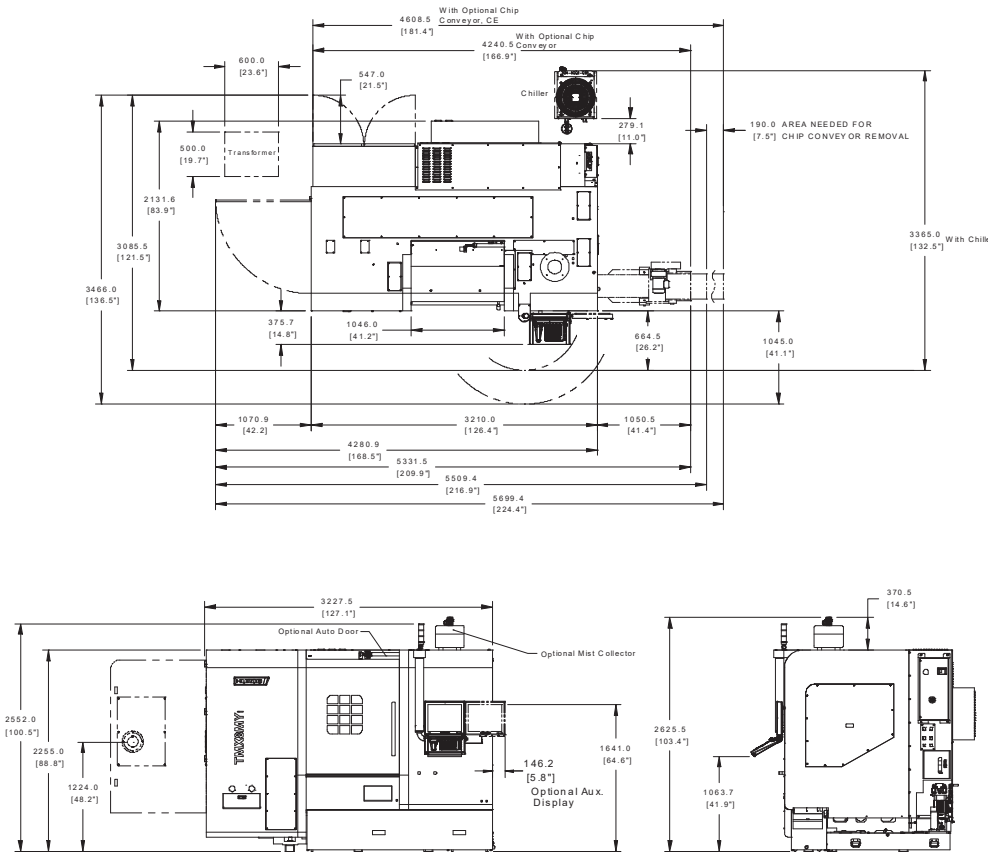
8.5 HP (6.3 kW)
20.4 Ft-lbs (27.6 Nm)

Machine specifications can be found on Pages 41-43

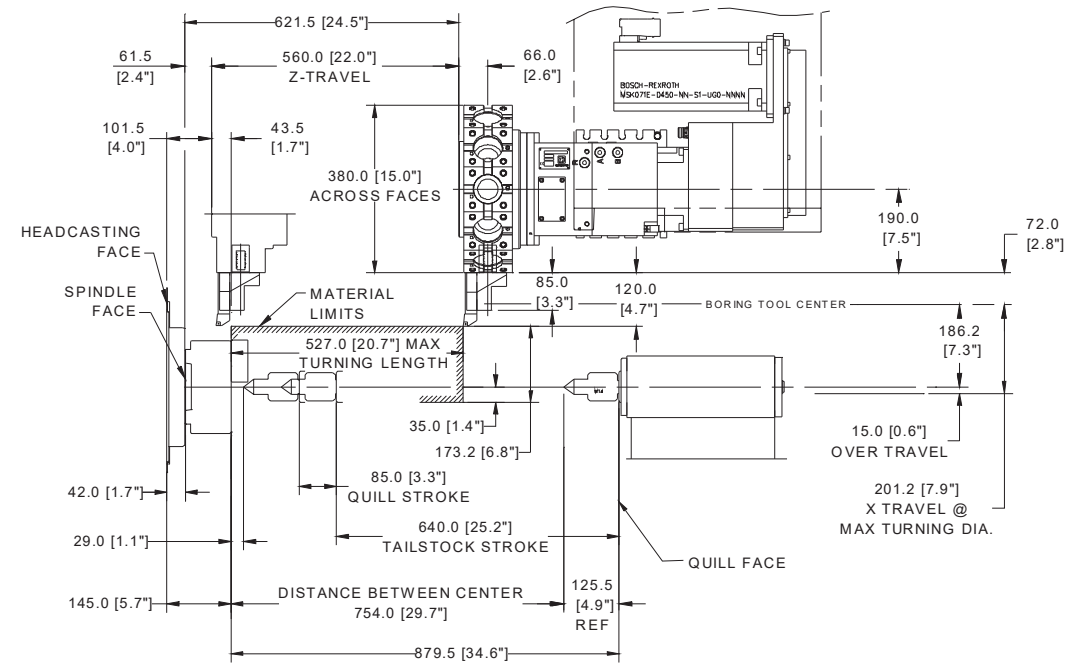
POWER & CAPACITY

TMX8MYi

OPERATING DIMENSIONS



OD TOOL TAILSTOCK INTERFERENCE



TOOL INTERFERENCE

