



PMT 5 Axis Bridge Mill

5 Axis Bridge Mill with Top Specification and TARUS Durability Built in the USA!

With the new TARUS PMT 5 you can have top performance and spec with Direct Factory Support in the USA and Canada.

Function

- 3 and 5 Axis CNC Milling
- Finish and Semi Finish Milling of Steel, Iron, Kirksite Tools
- High Feed milling of Aluminum Tools and Components
- Deep-hole Drilling at Compound Angles

Performance Features

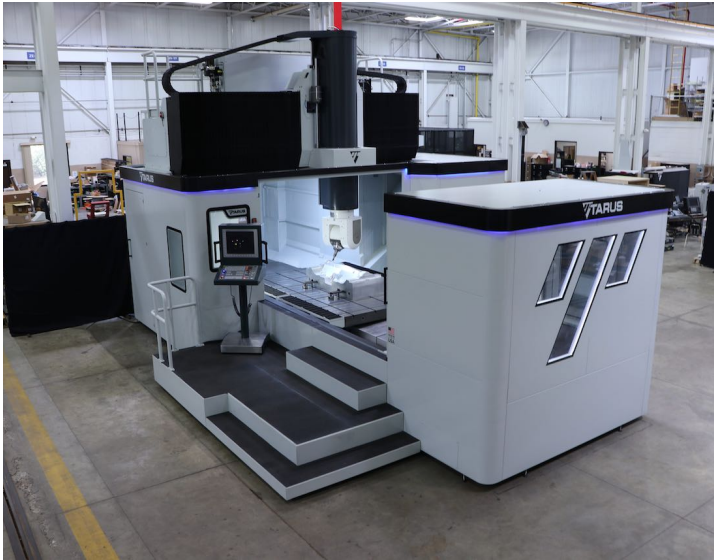
- Direct Ball-nut Drive System for Maximum Acceleration, Stiffness, Reliability
- Massive Box Section Steel Structure for Stability
- Direct Drive TRAMEC / Fischer Milling Head Spindle or Kessler Milling / Head Spindle
- Heidenhain Scales and Servo Motors

Choice of CNC

- Heidenhain TNC640
- Siemens 840D
- BLUM Probing

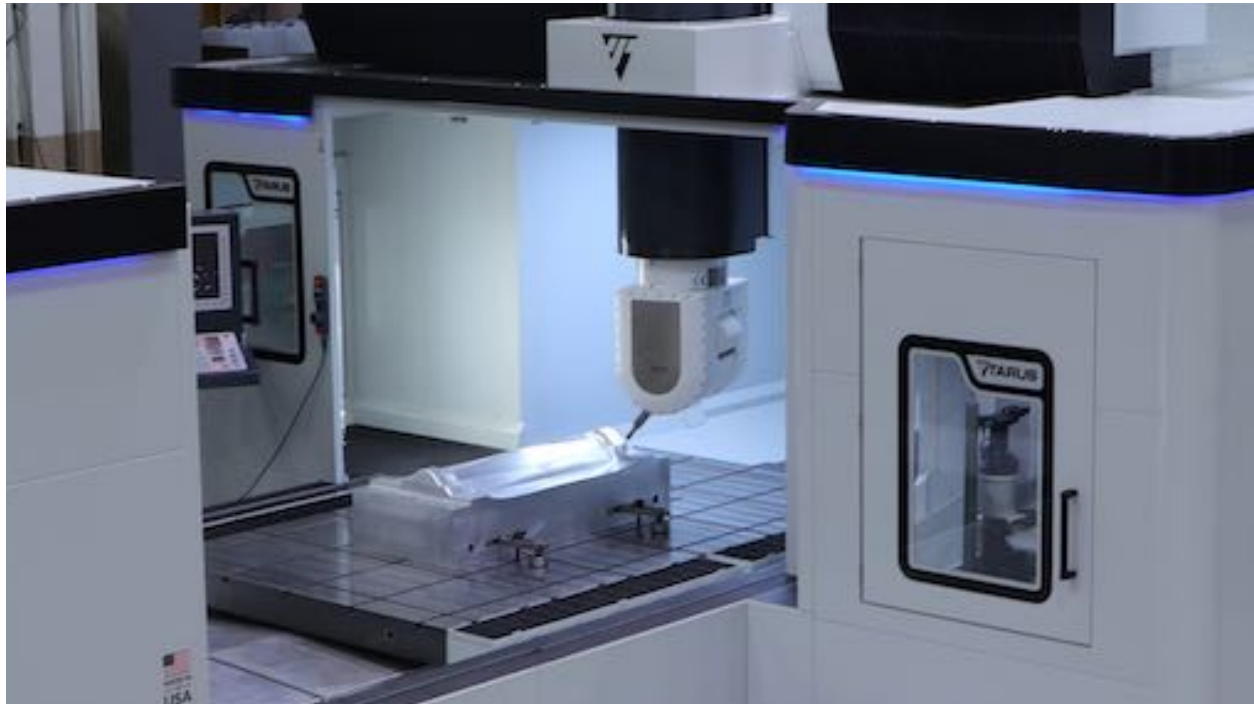
Optional Features

- High Pressure Coolant Through Spindle
- Mist Extractor
- Minimum Quantity Lube System
- Dual Side Conveyors
- Fabric Roof with Electro-Pneumatic Connection
- Automatic Tool Changers starting at 49 Tools




PMT5 General Specifications
Imperial
Metric

X Axis	120"	3048 mm
Y Axis	113"	2870 mm
Z Axis	46"	2438 mm
Maximum Under Spindle	50.3"	1280 mm
Opening Between Columns	96"	4368 mm
Table Size	72" by 120"	1828 mm by 3048 mm
Table Capacity	65,000 lb	29, 545 kg
Maximum Rapid	1300 i.p.m.	33 meters per minute
Maximum Acceleration Rate	.2 G	2 meters / second ²
Automatic Tool Changer (European Supplier)	49 Tools Standard, Larger Capacity available, quoted to Customer Request	
ATC Max Tool Length	15.74"	400 mm
ATC Max Tool Diameter	7"	180 mm
ATC Max Tool Weight	24 lb each, 1152 lb maximum capacity	12 kg each, 576 kg total



**PMT5-K
(Kessler Milling Head and Spindle)**

Imperial

Metric

Milling Head Fork Style Milling Head, Torque Motor Direct Drive, Hydraulic Clamping, Cartridge Spindle

A Axis Rotation +/- 105°

A Axis Position Force / Clamp Force 885 ft·lb / 2212 ft·lb 1200 Nm / 3000 Nm

C Axis Rotation +/- 210°

C Axis Position and Clamping Force 811 ft·lb / 2950 ft·lb 1100 Nm / 4000 Nm

A and C Axes Max Rotation Speed 100 rpm

Spindle HSK63A 0-18,000 RPM

Spindle Power and Torque 93 hp, 65 ft·lb (S1) , 81 ft·lb (S6) 70 kW, 89Nm (S1), 110 Nm (S6)