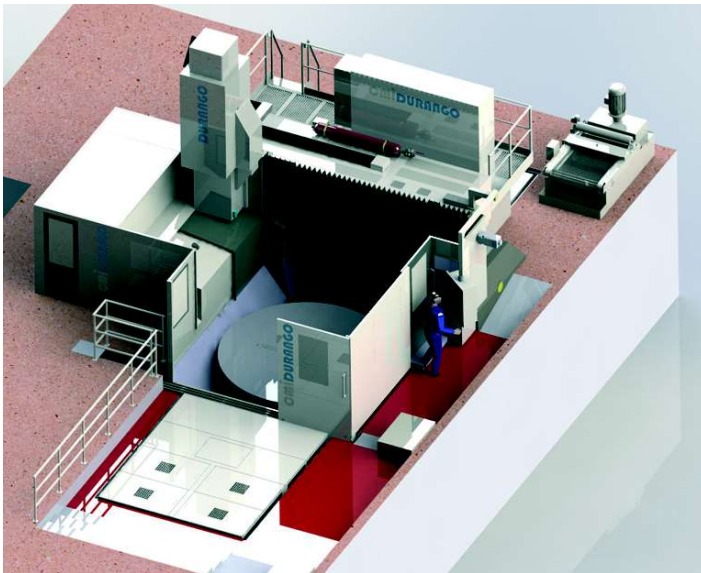


MODEL**FTF****APPLICATIONS****AERONAUTICAL, CAPITAL ASSETS, RAIL, VALVES**

Multi-process machining centre that allows both milling and turning of large parts on the same machine, avoiding long process times.

This Fixed Bridge Lathe Milling Machine enables a wide range of operations to be completed at the same station, with a high level of precision.

Suitable for a range of applications, primarily Capital Assets and Rail, although it is also perfect for components required by the Aeronautical and Valve sectors.

TECHNICAL FEATURES

Plate diameter (mm)	1,500 - 2,000 - 2,500 - 3,000
Distance between columns (mm)	2,000 - 2,500 - 3,000 - 3,500
Longitudinal travel (X) (mm)	From 2,500 to 4,000
Transverse travel (Y) (mm)	From 2,500 to 4,000
Vertical travel (Z) (mm)	Up to 2,000
Travel (C axis) Degrees °	± 360
Feed rate (X axis) (mm/min)	Up to 12,000
Feed rate (Y axis) (mm/min)	Up to 12,000
Feed rate (Z axis) (mm/min)	Up to 12,000
Feed rate (C axis) (rpm) (Milling)	Up to 5
Permissible weight on the plate (kg)	Up to 30,000 * According to requirements
Plate rotation speed (rpm)	Up to 220
Number of Plate ranges	2
Plate Power (2 motors) (kW)	Up to 100
Maximum spindle turning power (kW)	Up to 60
Spindle rotation speed (rpm)	Up to 6,000
Number of Spindle ranges	2
External spindle cooling (bar)*	Up to 60
Internal spindle cooling (bar)*	Up to 60
Taper type	HSK 100 - ISO 50
Turning turret. Coupling type	C6 - C8

ACCESSORIES

<u>90° Angle Head</u>	
Power (kW)	Up to 40
Speed (rpm)	Up to 4,000
Internal cooling (bar)*	Up to 50
External cooling (bar)*	Up to 50
Number of Positions	1 (2.4)*
Special Heads (MILLING)	*
Special Turrets (TURNING)	*
Head Change System	*
Second RAM	*

STANDARD AND OPTIONAL EQUIPMENT

<u>STANDARD EQUIPMENT</u>	
Numerical Control	Siemens, Fagor, Fanuc
Electronic handwheel	
Air-conditioned electrical cabinet	
Lighting in the work area	
Hydraulic system	
Direct Feedback	
Basic Fairing	
Tele - Service	
<u>OPTIONAL EQUIPMENT</u>	
Measuring probes, tools and parts	*
Tool changer	30, 40, 60, 80, 120*
Coolant Reservoir and associated Filtration Equipment	*
Chip Conveyors	*
Integral Fairing	*

*Optional

HEADS

