muratec

High Productivity Multi-Tasking Machine **MT1051 / MT1065**
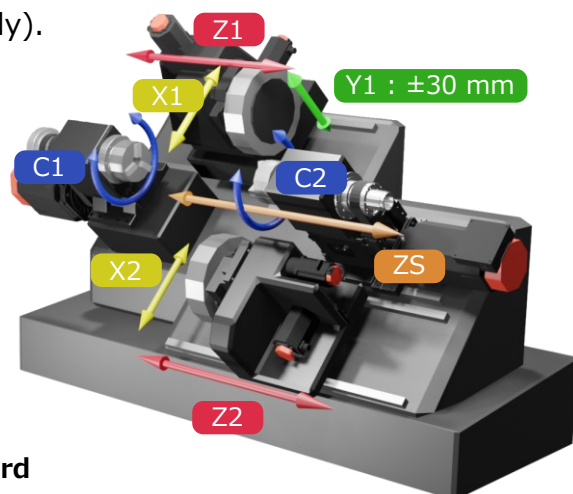
Muratec New Standard - 6 inch size Bar Turning Machine

Features

Specialized for processing bar workpieces, equipped with 2 spindles, 2 turrets, live tools, and a Y-axis function (upper turret only). Achieves a high degree of versatility while maintaining a simple structure.
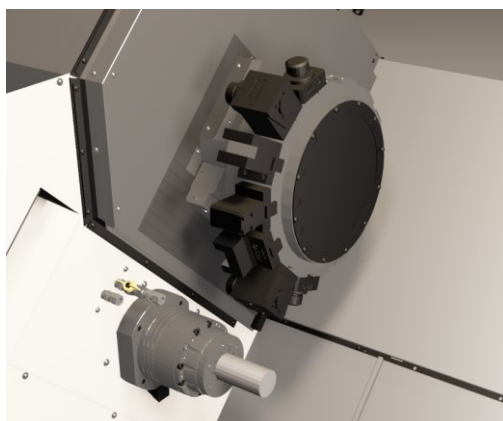
- **Provides both cost performance and flexibility**
- **Equipped with Muratec's latest thermal displacement correction system to achieve even more stable operation**
- **High power spindle motor, high power live tool specification is also available**
- **A programming guidance function is equipped as standard**
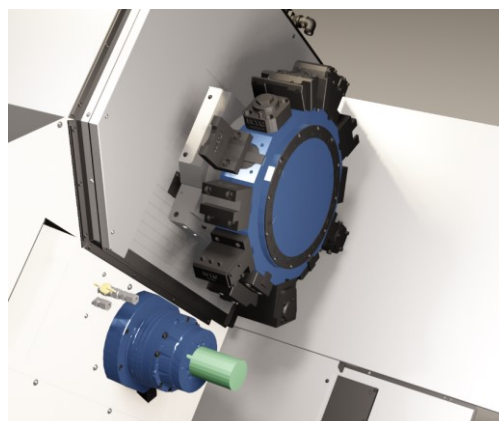

MURATA MACHINERY, LTD.

Specifications

Available in a total of 3 different specification patterns through different combinations of bar material diameter, spindle motor, number of tools (turret specification), and live tool output. Can be selected based on the materials being processed.
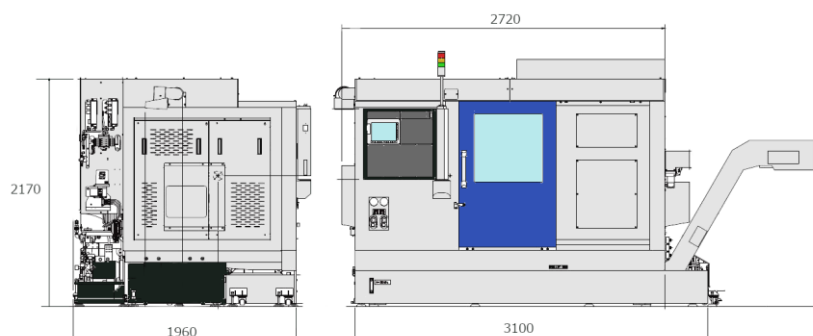
■ **Standard Type**

■ **Big Bore/ High Power Spindle and Live Tool Type**

		Standard Type (MT1051)	Big Bore Spindle Type (MT1065)	Big Bore / High Power Spindle and Live Tool Type (MT1065)
Chuck Size		6 inch (ø165 mm)	6 inch (ø165 mm)	6 inch (ø165 mm)
Number of Turret Stations		15 × 2	15 × 2	12 × 2 ※
Max. Bar Diameter		ø51 mm	ø65 mm	ø65 mm
Spindle Drive Motor	Left	11 kW/15min	15 kW/15min	18.5 kW/15min
	Right	7.5 kW/15min	11 kW/15min	15 kW/15min
Max. Spindle Speed	Left	6,000 rpm	4,500 rpm	4,500 rpm
	Right	6,000 rpm	6,000 rpm	6,000 rpm
Live Tool Motor		12.0 kW/Max. (2.2 kW/cont.)	12.0 kW/Max. (2.2 kW/cont.)	22.0 kW/Max. (2.3 kW/cont.)
Tool Clamping	O.D.Tool	□20 mm	□20 mm	□20/25 mm
	I.D.Tool	ø25 mm	ø25 mm	ø25/32 mm

*Can be equipped with a maximum of 24 tools with the turret half index function

Floor Plan

* Chip Conveyor: Right / Rear Discharge available

* The machines shown in the catalogue include some optional items and may vary in appearance from the actual machines.
* Specifications and designs are subject to change without prior notice.