

Solution for short time cycle production Gang tool type chucker of Muratec



Capable of cutting parts as big as $\varnothing 80$ in size.
For bigger parts, complex shapes.

X-axis stroke : 320 mm as big as $\varnothing 80$ in size
Plate width : 370 mm possible to mount up to 4 tools

Loading/Unloading time : 2.6 seconds
For smaller parts that are machined with fewer tools.

High speed gantry loader allows cutting with short cycle time.

Loader

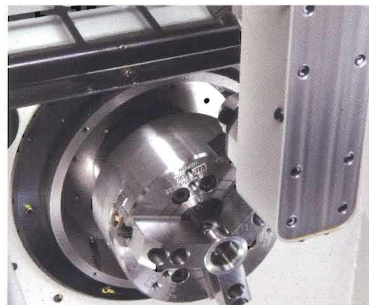
Minimum cycle time

Single loader

14.1 sec.

Twin loader

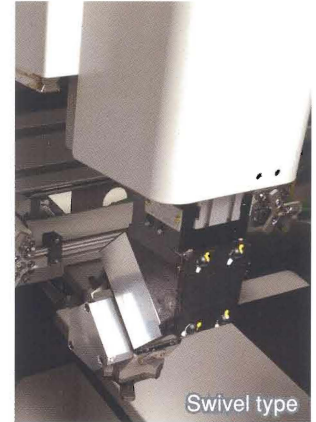
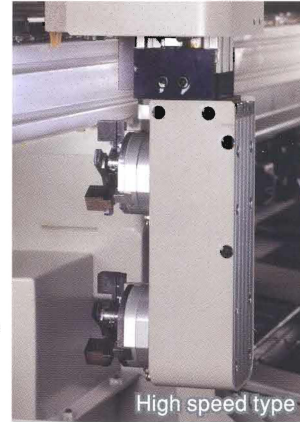
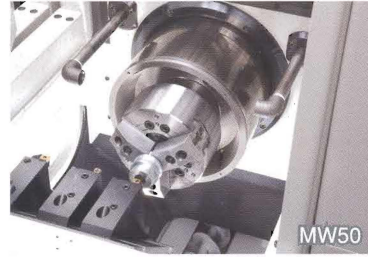
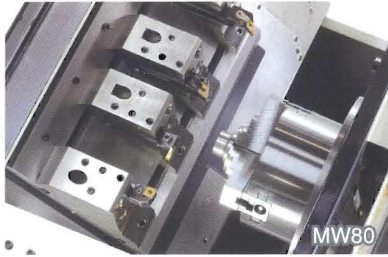
7.6 sec.



Reduction in cycle time, for high-productivity

For simple part shapes such as small bearings, rings etc., the turning operation uses fewer tools.

For these cases, MW50 and MW80 show high-productivity.



Tool Plate

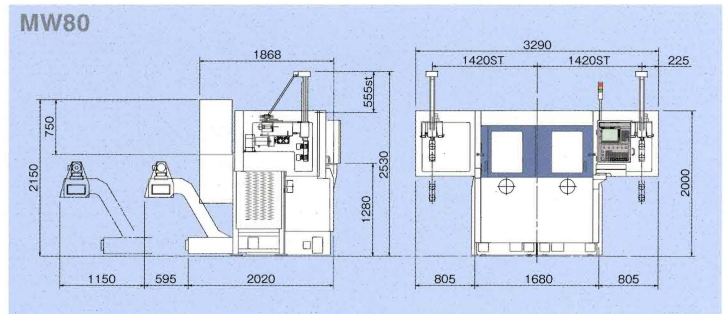
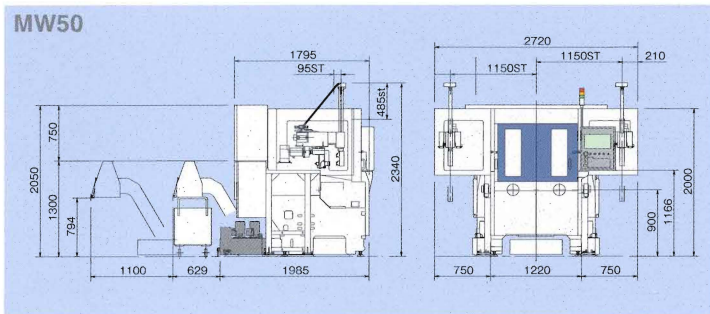
- Plate width : MW50 270 mm
MW80 370 mm
- X-axis stroke : MW50 200 mm
MW80 320 mm

MW50 has the highest cutting capacity in the 6" chuck class.

- Material : SUJ2
- Cutting Speed : 250 m/min
- Feed : 0.3 mm/rev
- Depth of Cut : 0.8 mm

Choice Loader head depending on intended purpose and cycle time.

Floor Plan



EXTERNAL COLOR light gray/gray blue
Other colors available on special order.

Specifications

	MW50	MW80
Workpiece size	ø50 mm x 50 mm	ø80 mm x 50 mm
Chuck size	6 inch (ø165 mm)	6 inch (ø165 mm)
Spindle diameter at front bearing mounting	ø80 mm	ø80 mm
Spindle drive motor	7.5 kW/30min	7.5 kW/30min
Tool plate	Tool plate x 2 (270 mm)	Tool plate x 2 (370 mm)
Spec. of axes		
X-axis	200 mm (18 m/min)	320 mm (18 m/min)
Z-axis	200 mm (24 m/min)	200 mm (24 m/min)
Spindle speed range	6,000 rpm	6,000 rpm
Use tool		
O.D tool	□20 mm	□20 mm
I.D tool	ø25 mm	ø25 mm
Foot print	1,220 mm x 1,985 mm	1,680 mm x 2,020 mm
Total weight	3,400 kg	4,000 kg

* Machine appearance may differ to that shown in the catalogue pictures
* All specifications are subject to change without advanced notice

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