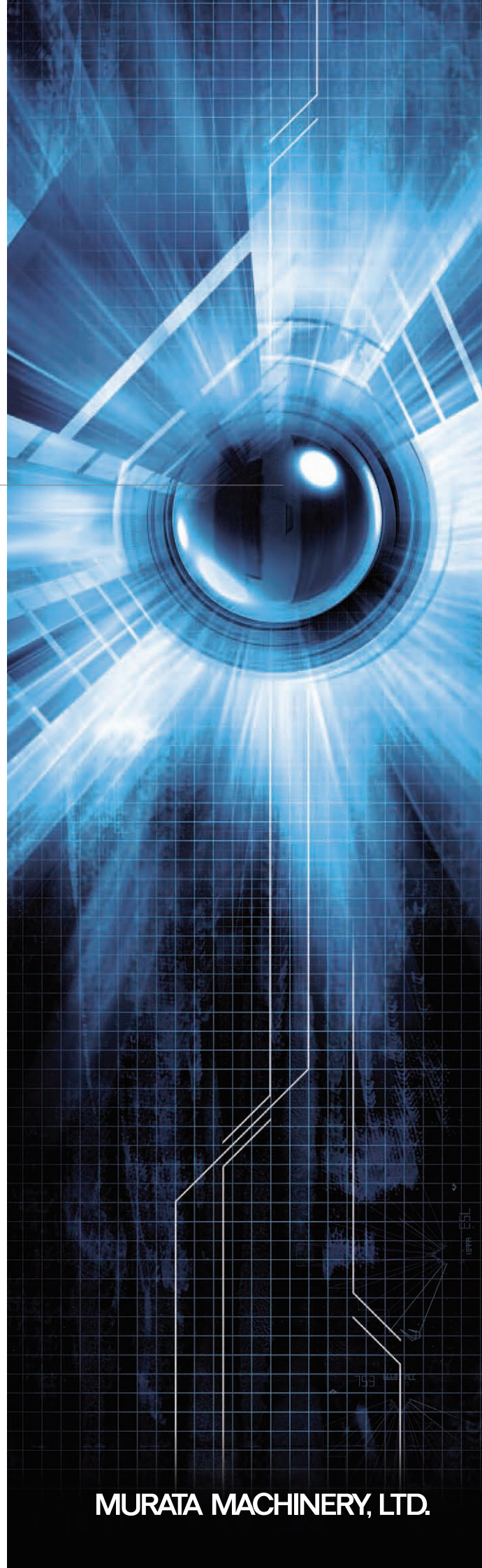




**General Catalogue of**

# **CNC Turning Machine**

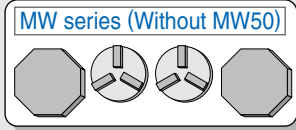
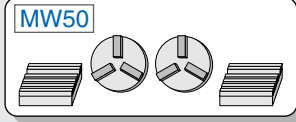


## Twin Spindle CNC Chucker

# MW Series

This series is highly efficient since two-sided machining is possible with just a single machine.

This series accommodates an automated line construction when combined with a gantry loader.



Chuck size 6"  
Tool Plate x 2  
**MW50**



Chuck size 6"  
Turret Station 8 x 2  
**MW100**



Chuck size 6"/8"  
Turret Station 8 x 2  
**MW120**



Chuck size 10"  
Turret Station 10 x 2  
**MW200**



Chuck size 12"  
Turret Station 10 x 2  
**MW300**



Chuck size 15"  
Turret Station 8 x 2  
**MW400**



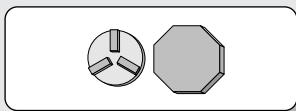
	MW50	MW100	MW120	MW200	MW300	MW400
<b>Chuck Size</b>	6"	6"	6" / 8"	10"	12"	15"
<b>Number of Turret Stations</b>	Tool Plate x 2	Turret Station 8 x 2	STD : Turret Station 8 x 2 OP : Turret Station 12 x 2	STD : Turret Station 10 x 2 OP : Turret Station 12 x 2	STD : Turret Station 10 x 2 OP : Turret Station 15 x 2	STD : Turret Station 8 x 2 OP : Turret Station 12 x 2
<b>Maximum Spindle Speed</b>	STD : 5,000 rpm OP : 6,000 rpm	3,000 rpm, 4,500 rpm 6,000 rpm	3,000 rpm, 4,500 rpm 6,000 rpm	2,400 rpm, 3,500 rpm	STD : 2,500 rpm OP : 2,000 rpm, 3,500 rpm	STD : 3,000 rpm OP : 3,500 rpm
<b>Spindle AC Motor</b>	STD : 5.5 kW / 30 min x 2 OP : 7.5 kW / 30 min x 2	5.5 kW / 30 min x 2	STD : 7.5 kW / 30 min x 2 OP : 11 kW / 30 min x 2	STD : 15 kW / 30 min x 2 OP : 22 kW / 30 min x 2	STD : 18.5 kW / 30 min x 2 OP : 22 kW / 30 min x 2 30 kW / 30 min x 2	STD : 22 kW / 30 min x 2 OP : 30 kW / 30 min x 2
<b>Footprint</b>	W1,220 mm x D1,985 mm	W1,550 mm x D1,650 mm	W1,900 mm x D1,810 mm	W2,360 mm x D2,130 mm	W2,910 mm x D2,285 mm	W2,910 mm x D2,400 mm
<b>Gross Weight (with loader and tool)</b>	3,400 kg	3,500 kg	4,400 kg	7,200 kg	11,200 kg	13,200 kg

## Single Spindle CNC Chucker

# MS Series

This series provides a cost effective solution for odd numbered operations.

This series is the same construction and operation as the MW series.



Chuck size 6"  
Turret Station 8  
**MS50**



Chuck size 6"/8"  
Turret Station 8  
**MS60**



Chuck size 10"  
Turret Station 10  
**MS100**



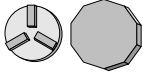
	MS50	MS60	MS100
<b>Chuck Size</b>	6"	6" / 8"	10"
<b>Number of Turret Stations</b>	Turret Station 8	STD : Turret Station 8 OP : Turret Station 12	STD : Turret Station 10 OP : Turret Station 12
<b>Maximum Spindle Speed</b>	3,000 rpm, 4,500 rpm, 6,000 rpm	3,000 rpm, 4,500 rpm, 6,000 rpm	2,400 rpm, 3,500 rpm
<b>Spindle AC Motor</b>	5.5 kW / 30min	STD : 7.5 kW / 30 min OP : 11 kW / 30 min	STD : 15 kW / 30 min OP : 22 kW / 30 min
<b>Footprint</b>	W980 mm x D1,650 mm	W1,080 mm x D1,810 mm	W1,320 mm x D2,130 mm
<b>Gross Weight (with loader and tool)</b>	2,200 kg	2,500 kg	4,000 kg

## CNC Turning Center MD Series

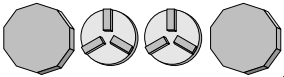
This series is perfect for multi-process integration at the time of mass production machining.

This series accommodates an automated line construction when combined with a gantry loader.

MD60/MD100



MD120/MD200



Chuck size 6"/8"  
Turret Station 10  
**MD60**



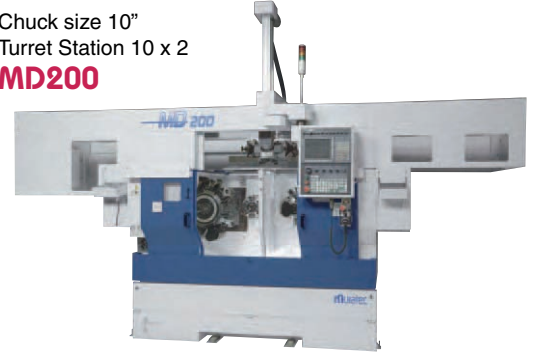
Chuck size 6"/8"  
Turret Station 10 x 2  
**MD120**



Chuck size 10"  
Turret Station 10  
**MD100**



Chuck size 10"  
Turret Station 10 x 2  
**MD200**



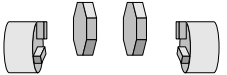
	MD60	MD100	MD120	MD200
<b>Chuck Size</b>	6" / 8"	10"	6" / 8"	10"
<b>Number of Turret Stations</b>	Turret Station 10	Turret Station 10	Turret Station 10 x 2	Turret Station 10 x 2
<b>Maximum Spindle Speed</b>	3,000 rpm, 4,500 rpm, 6,000 rpm	2,000 rpm	3,000 rpm, 4,500 rpm, 6,000 rpm	2,000 rpm
<b>Spindle AC Motor</b>	STD : 7.5 kW / 30 min OP : 11 kW / 30 min	STD : 11 kW / 30 min OP : 22 kW / 30 min	STD : 7.5 kW / 30 min x 2 OP : 11 kW / 30 min x 2	STD : 11 kW / 30 min x 2 OP : 22 kW / 30 min x 2
<b>Live Tool Speed</b>	4,000 rpm	3,000 rpm	4,000 rpm	3,000 rpm
<b>Live Tool Motor</b>	2.5 kW (8 Nm)	4 kW (22 Nm)	2.5 kW (8 Nm) x 2	4 kW (22 Nm) x 2
<b>Footprint</b>	W1,080 mm x D1,810 mm	W1,320 mm x D2,130 mm	W1,900 mm x D1,810 mm	W2,360 mm x D2,130 mm
<b>Gross Weight (with loader and tool)</b>	2,400 kg	4,200 kg	5,000 kg	7,400 kg

## In-line Opposed Twin Spindle CNC Turning Machine MT Series

Complex process integration is available by incorporating milling, C-axis and Y-axis in both right and left turrets.

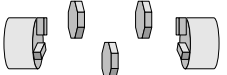
These machine systems allow both bar work and chuck work.

MT series (Without MT200)

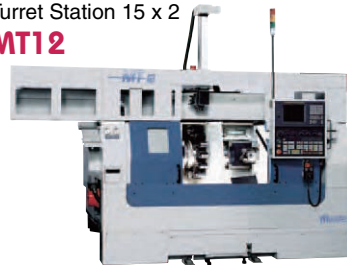


MT200

(Option)

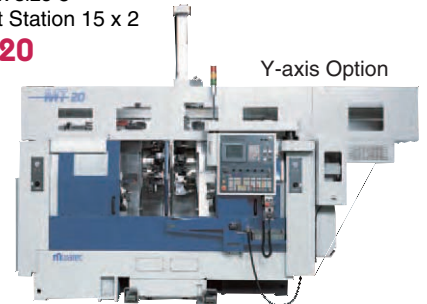


Chuck size 6"/8"  
Turret Station 15 x 2  
**MT12**



No Y-axis Option

Chuck size 8"  
Turret Station 15 x 2  
**MT 20**



Y-axis Option

Chuck size 10"  
Turret Station 15 x 2  
**MT 25**



Y-axis Option



Chuck size 8"  
T2: 15 x 2  
T3: 15 x 2 + 12  
**MT 200**

	MT12	MT20	MT25	MT200
<b>Chuck Size</b>	6" / 8"	8"	10"	8"
<b>Number of Turret Stations</b>	Turret Station 15 x 2	Turret Station 15 x 2	Turret Station 15 x 2	2 turret type: 15 x 2 3 turret type: 15 x 2 + 12
<b>Maximum Bar Diameter</b>	ø 51 mm	ø 65 mm	ø 65 mm	STD : ø 55 mm OP : ø 65 mm
<b>Maximum Spindle Speed</b>	3,000 rpm, 4,500 rpm, 6,000 rpm	4,200 rpm	2,500 rpm, 3,500 rpm, 4,000 rpm	4,000 rpm, 5,000 rpm
<b>Spindle AC Motor</b> STD : Left, Right OP : Left, Right	7.5, 7.5 kW / 30 min 11, 11 kW / 30 min	15, 15 kW / 30 min 18.5, 18.5 kW / 30 min	15, 15 kW / 30 min 22, 15 kW / 30 min	15, 15 kW / 30 min -
<b>Live Tool Speed</b>	4,000 rpm	3,600 rpm	3,000 rpm	4,500 rpm
<b>Live Tool Motor</b>	2.7 kW (12 Nm) x 2	3 kW (12 Nm) x 2	4 kW (22 Nm) x 2	4.5 kW (18 Nm)
<b>Footprint</b>	W2,700 mm x D1,850 mm	W2,980 mm x D2,100 mm	W3,700 mm x D2,250 mm	W3,200 mm x D2,120 mm
<b>Gross Weight (without loader and tool)</b> (with loader and tool)	5,200 kg 5,600 kg	10,400 kg 10,800 kg	10,000 kg 10,400 kg	9,700 kg (3 turret type) 10,500 kg (3 turret type)

STD : Standard OP : Option

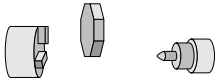
## CNC Shaft Turning Machine

# ML Series

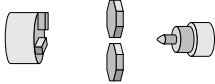
With a machine width of 1700 mm, the ML Series is the smallest size of its class.

With servo tailstock and roller support, retooling time is significantly reduced.

### ML400 (1 turret type)

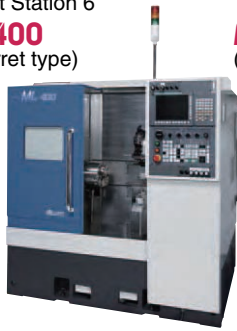


### ML400 (2 turret type)



Chuck size 6"/8"  
Turret Station 6

### ML400 (1 turret type)



Chuck size 6"/8"  
Turret Station 6 x 2

### ML400 (2 turret type)



### ML400 (Gantry loader type)



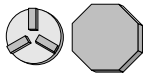
	ML400 (1 turret type)	ML400 (2 turret type)
<b>Chuck Size</b>	6" / 8"	6" / 8"
<b>Number of Turret Stations</b>	Turret Station 6	Turret Station 6 x 2
<b>Maximum Workpiece Size</b>	ø 200 mm x L400 mm	ø 200 mm x L400 mm
<b>Maximum Spindle Speed</b>	3,000 rpm, 4,500 rpm	3,000 rpm, 4,500 rpm
<b>Spindle AC Motor</b>	STD : 7.5 kW / 30 min OP : 11 kW / 30 min	STD : 11 kW / 30 min OP : 15 kW / 30 min
<b>Tailstock</b>	MT4 (Rolling Center)	MT4 (Rolling Center)
<b>Footprint</b>	W1,700 mm x D1,650 mm	W1,700 mm x D1,650 mm
<b>Gross Weight (without loader and tool)</b>	4,400 kg	4,400 kg

## CNC Turning Machine with tailstock

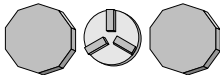
# MJ Series

This series allows for automated shaft work line construction when combined with a tailstock and gantry loader.

### MJ60/MJ100



### MJ200



Chuck size 6"/8"  
Turret Station 8

### MJ60



Chuck size 10"  
Turret Station 10

### MJ100



Chuck size 10"  
Turret Station 10 x 2

### MJ200

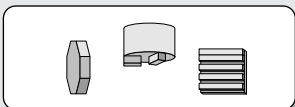


	MJ60	MJ100	MJ200
<b>Chuck Size</b>	6" / 8"	10"	10"
<b>Number of Turret Stations</b>	Turret Station 8	Turret Station 10	Turret Station 10 x 2
<b>Maximum Spindle Speed</b>	4,500 rpm	2,400 rpm 3,500 rpm	2,400 rpm 3,500 rpm
<b>Spindle AC Motor</b>	STD : 7.5 kW / 30 min OP : 11 kW / 30 min	STD : 15 kW / 30 min OP : 22 kW / 30 min	22 kW / 30 min
<b>Tailstock</b>	MT4 (Rolling Center)	MT5 (Rolling Center)	MT5 (Rolling Center)
<b>Footprint</b>	W1,180 mm x D1,950 mm	W1,715 mm x D2,165 mm	W1,920 mm x D2,330 mm
<b>Gross Weight (with loader and tool)</b>	3,400 kg	4,200 kg	6,800 kg

## Self-loading Chucker

# MV Series

With the MV Series movable spindle, automatic load and unload are available despite a manually-operated machine.



Chuck size 8"  
Turret Station 8

Sub Tool Plate

### MV120



Chuck size 10"  
Turret Station 8

Sub Tool Plate

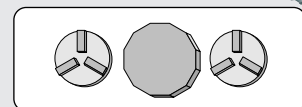
### MV200

	MV120	MV200
<b>Chuck Size</b>	8"	10"
<b>Number of Turret Stations</b>	Turret Station 8	Turret Station 8
<b>Sub Tool Plate</b>	350 mm x 245 mm	300 mm x 260 mm
<b>Maximum Spindle Speed</b>	4,000 rpm	3,500 rpm
<b>Spindle AC Motor</b>	STD : 7.5 kW / 30 min OP : 11 kW / 30 min	STD : 15 kW / 30 min OP : 22 kW / 30 min
<b>Footprint</b>	W980 mm x D2,060 mm	W1,450 mm x D2,584 mm
<b>Gross Weight (with loader and tool)</b>	4,000 kg	5,000 kg

## Twin Spindle, Single Turret CNC Chucker

# MZ60

Cutting time is significantly reduced with a single turret and twin spindles.



Chuck size 6"  
Turret Station 12

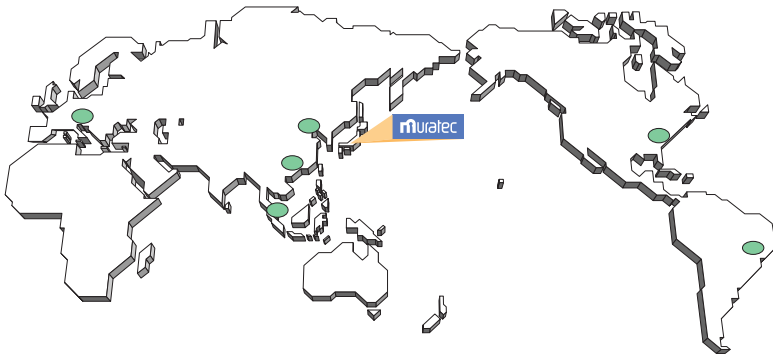
### MZ60



	MZ60
<b>Chuck Size</b>	6"
<b>Number of Turret Stations</b>	Turret Station 12
<b>Spindle Speed</b>	6,000 rpm
<b>Spindle AC Motor</b>	5.5 kW / 30 min x 2
<b>Footprint</b>	W1,580 mm x D1,815 mm
<b>Gross Weight (with loader and tool)</b>	3,200 kg

# MURATEC CREATES TECHNOLOGICAL WEALTH

Muratec Machinery is active both domestically and internationally as a comprehensive factory automation and office automation equipment manufacturer in the fields of textile machines, logistics & automation systems, machine tools, and communication equipment. Our machine tools offer high speed and precision by implementing the latest control technology in our turning, sheet metal, punch laser combination machines, and highly automated sheet metal FMS systems. The multitude of applications we offer allows us to respond to increasingly diverse and complex customer needs. In this way, Muratec continues successfully to contribute to the streamlining of production systems in many different fields.



Headquarters



Inuyama Factory

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- MURATA MACHINERY (SHANGHAI) CO., LTD.

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### Turning Machinery

- CNC turret lathe
- CNC twin-spindle lathe
- CNC turning center
- CNC key seating machine
- Turning FMS and FMC

### Sheet Metal Machinery

- CNC turret punch press
- Servo motor driven CNC turret punch press
- Servo-hydraulic ram CNC turret punch press
- CNC laser punch press
- CAD / CAM system for sheet metal working
- Sheet metal FMS
- Bending system



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From the beginning of Japan's entry into the facsimile market, Muratec has been continuously developing facsimile machines that stand on the leading edge of technology.



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Muratec was the first company to develop machinery for the production of knotless yarn. As a manufacturer of textile machinery for everything from yarn to fabric, Muratec is a leading supporter of the world's fashion industry.

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Muratec's Automated Systems range from high rise warehouses, unmanned transporting systems and industrial robots to leading edge factory automation systems.

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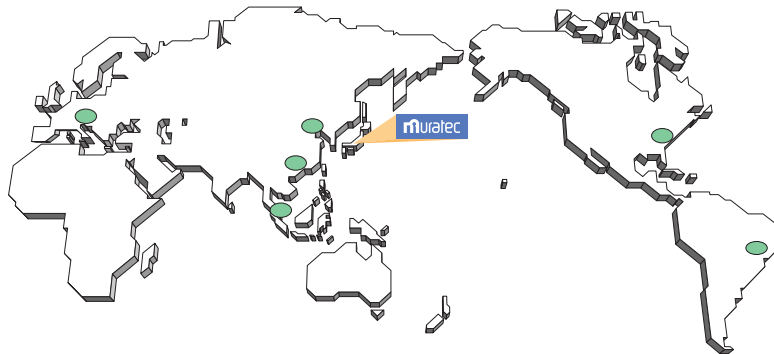
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