

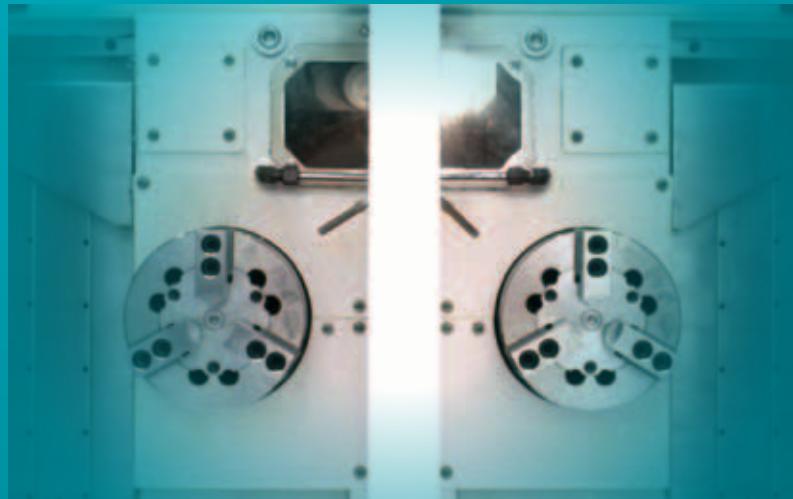
TAKISAWA TWIN CHUCKER

TT-Series

Parallel Twin-Spindle CNC Lathe

6in/8in

TT-2100



TT-2100G TT-2100CMG

TAKISAWA®

TT-2100G

Mass production of various workpieces with high accuracy!

Takisawa twin chucker **TT-2100G** is a parallel twin-spindle lathe which is equipped with high speed gantry loader and supports mass production with high accuracy in 6"/8" chuck work.

Flexibly Supporting Any Type of Production

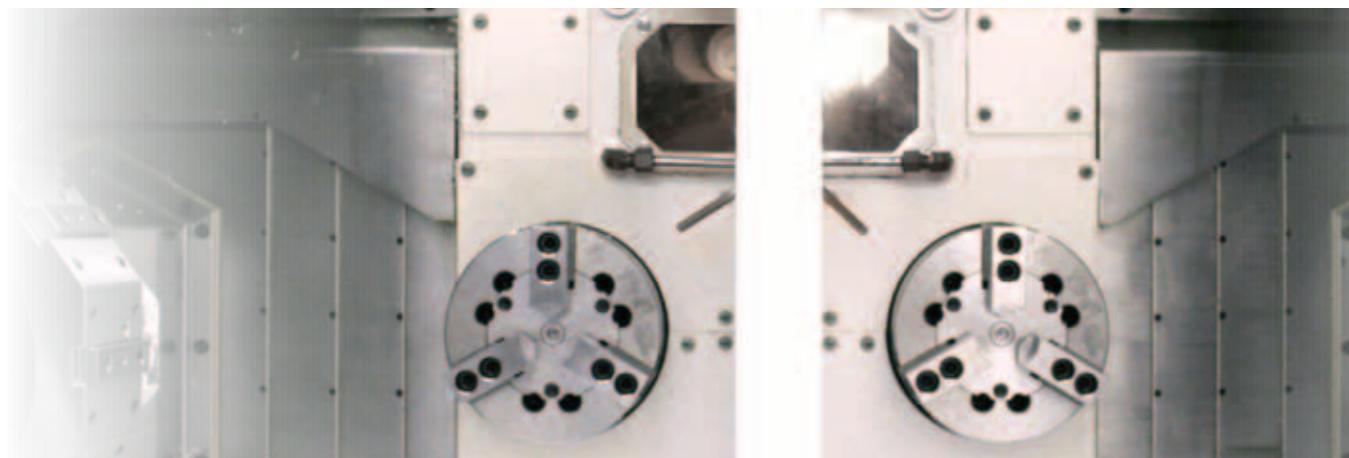
Takisawa twin chucker TT-series supports any type of production such as simultaneous front & back machining, symmetrical machining, and full automatic machining by connecting machines/creating production line, and provides excellent efficiency and high productivity.



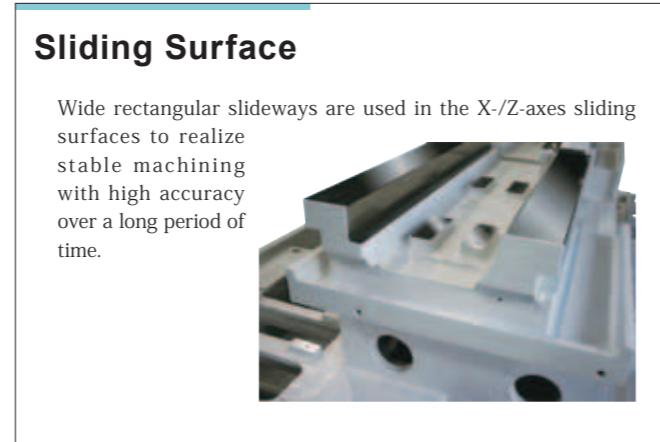
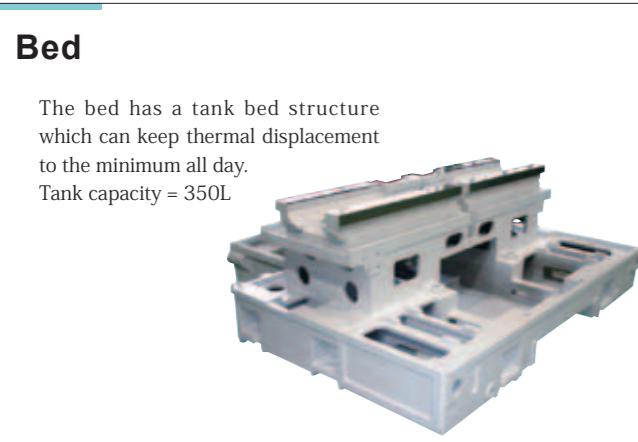
ENERGY SAVING SYSTEM

- Reduction of power consumption.
Regenerative energy system – the energy generated when the motor decelerates returns to the power supply – is applied.
Internal lighting shutoff function reduces standby power.
Control panel cooling design takes natural radiation amount into account to reduce electric power.
Coolant pump runs only when coolant is being used, reducing electric power.
- Use of oil-water separator extends the coolant life.
- 40% reduction of lubricant consumption amount compared with those of conventional machines.
- The powder coating machine for environmental concern.

Environment Friendly



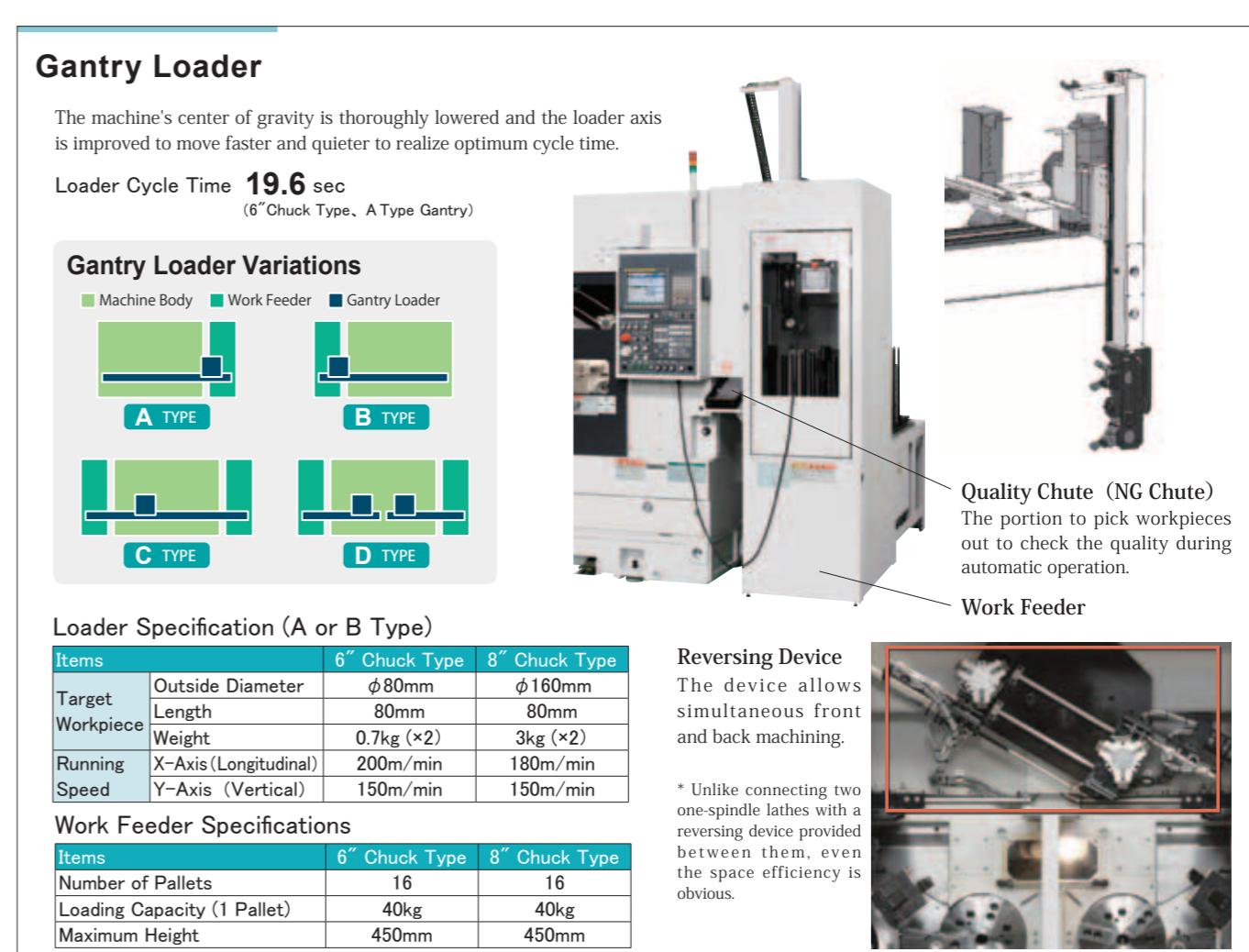
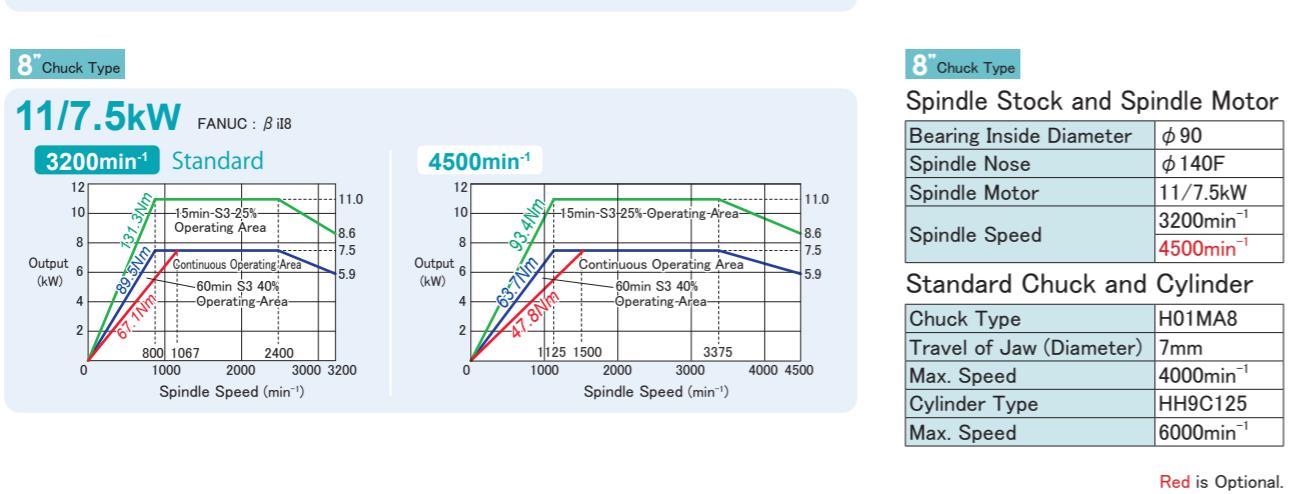
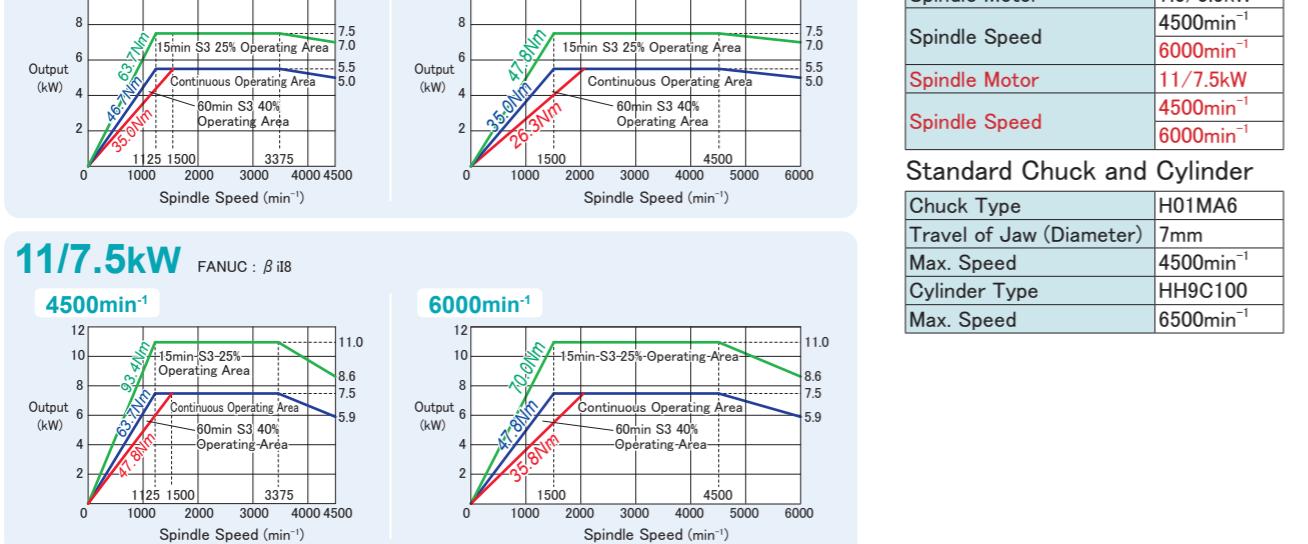
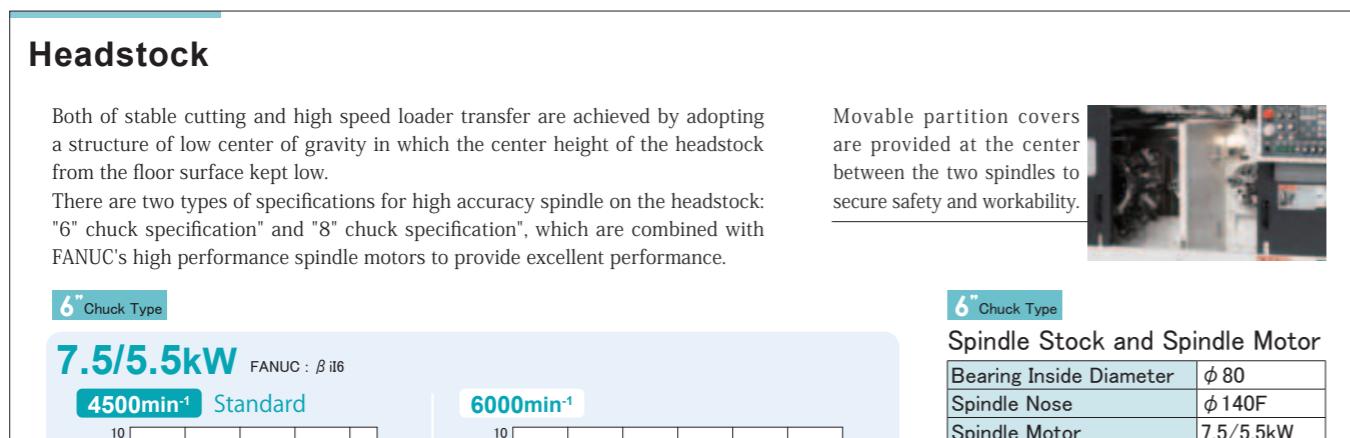
*The photo includes options (Foot Switch for Hydraulic Chuck, Turning Tools).



Turret

The turret is the all-holder powerful type with bolt clamping system. 10-station turret (T10) is equipped as standard, and 12-station turret (T12) for multiple processes and 10-station milling turret (T10M) for milling processes are optionally available. In a 10-station milling turret (T10M), milling holders can be equipped to five stations (every second station).

Items	Items	Items	6" Chuck Type	8" Chuck Type
10-Station Turret	T10 (Standard)	Height of Square Tool Shank	□20	□25
		Diameter of Boring Bar Shank	φ25	φ32
12-Station Turret	T12 (Optional)	Height of Square Tool Shank	□20	□25
		Diameter of Boring Bar Shank	φ25	φ32
	T10M (Optional)	Height of Square Tool Shank	□20	□25
10-Station Turret	T10M (Optional)	Diameter of Boring Bar Shank	φ25	φ32
		Max. Rotary Tool Shank Diameter	φ16	φ16

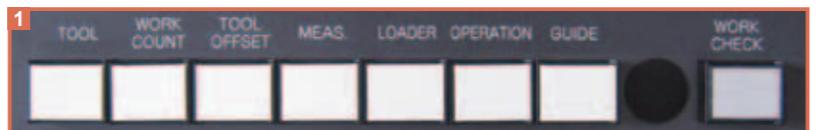


Pursuing Operability



Dedicated Switch

A dedicated switch to call a desired function to the operation panel with one push is provided for smooth work.



Program Reset Function

Left/right/loader programs can be reset and rewound.

Zero Point Return Function

It allows left/right X- and Z-axes zero point return and loader X-, Y-, and Z-axes zero point return.*

*) Subject to some conditions. For details, contact us.

Function to minimize inputting error on right and left.

4 Right/Left Selection Button

Operate the machine after selecting right or left with the button. Operation is possible only on the side with the indication lamp turned on. When both of the lamps are turned off, the machine cannot be operated.

Operation on Right Side ▶
The information on the right side is displayed on the screen and you can operate the right side.



Link of Panel Light

The light on the operation side is turned on.



5 Chuck Open/Close Switch



6 Machine Operation Panel Screen

The machine operation panel is displayed on the screen. Buttons can be added and displayed/undisplayed easily.

7 Information Display Window

"Right/left selection, indexed turret number of right/left machine, and number of workpieces on right/left" can be checked in the upper right of the screen.

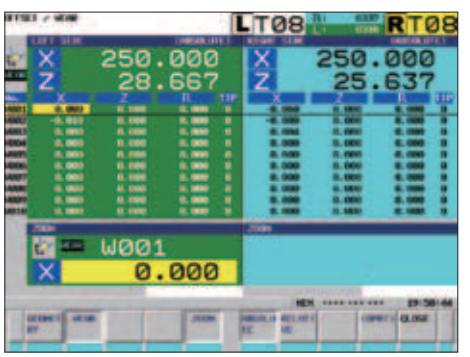
Information on Right and Left is Displayed Simultaneously (Specific Screen)

On the tool offset screen and the workpiece shift screens, inputting errors are avoided by color coding of right/left, the zoom function and simultaneous display.

In addition, software pursuing operability is provided as standard to reduce non-productive time during setup work.

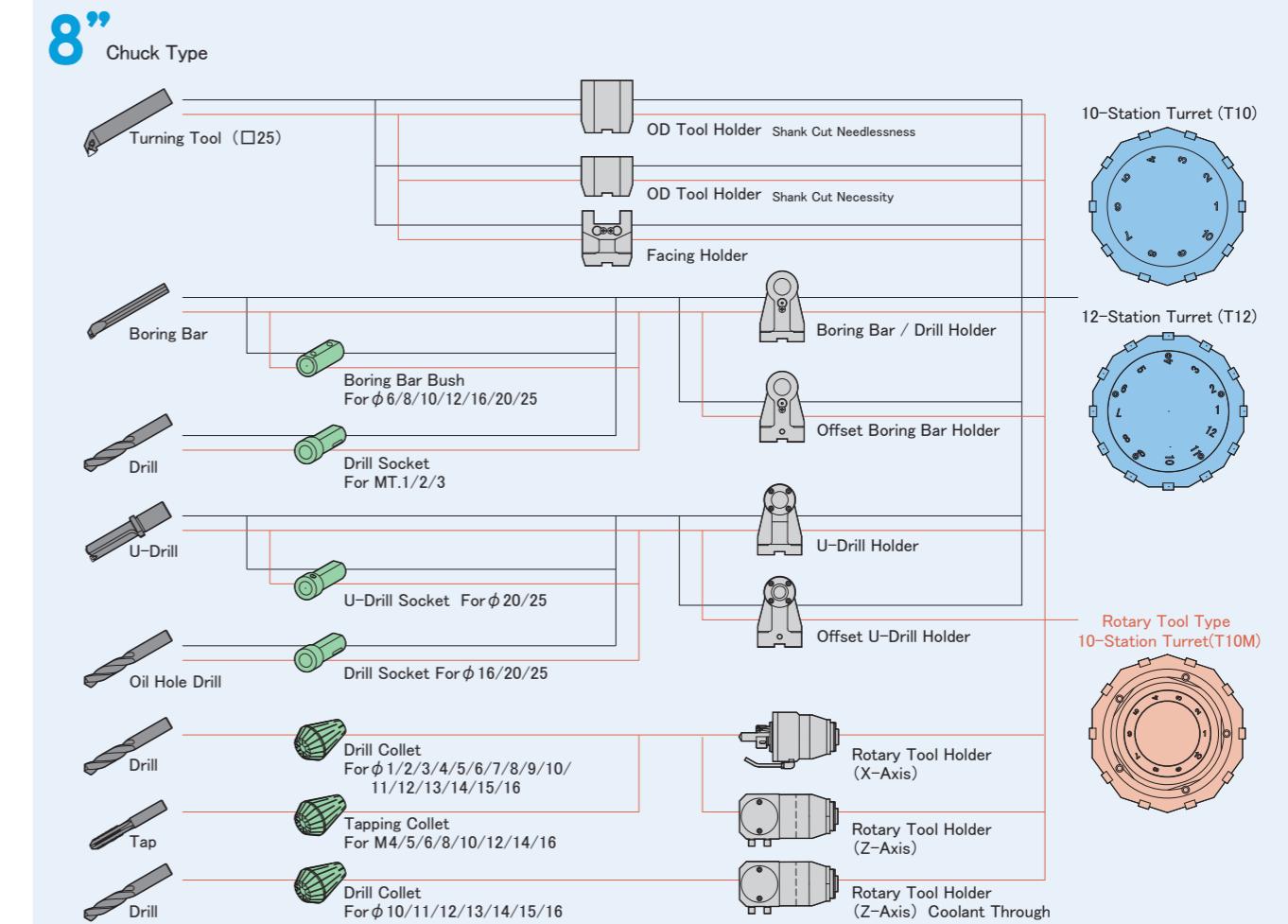
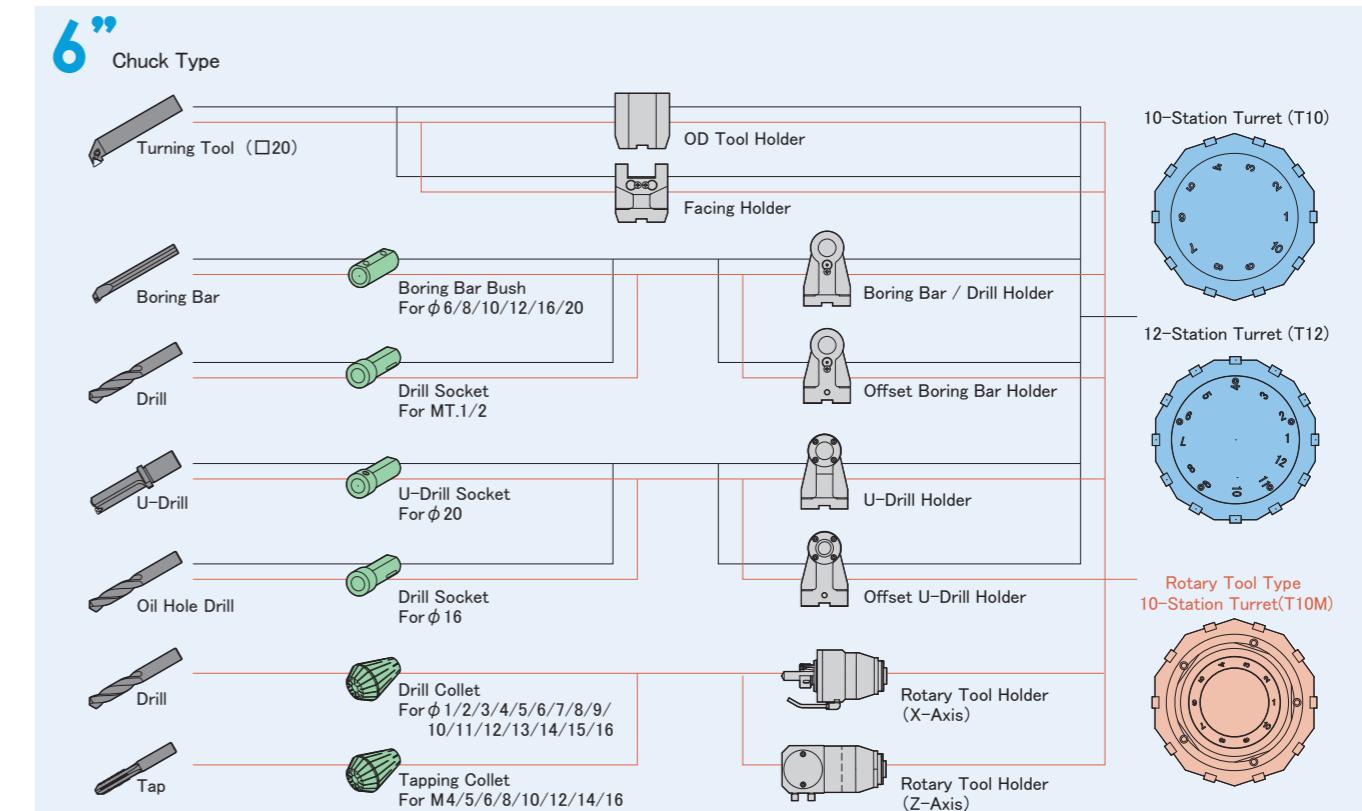
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Refer to page 13.



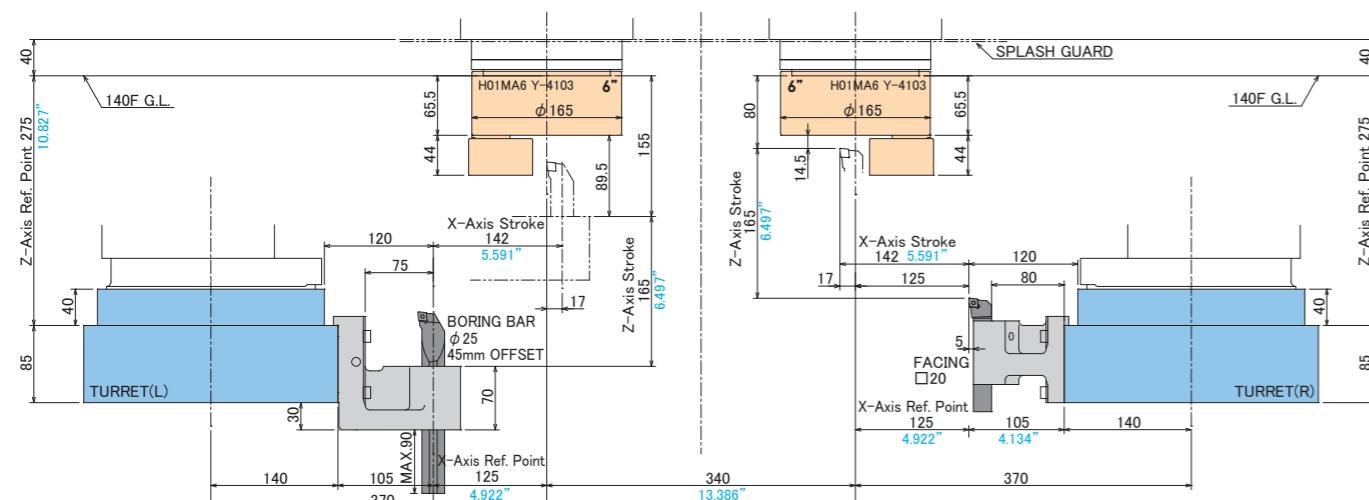
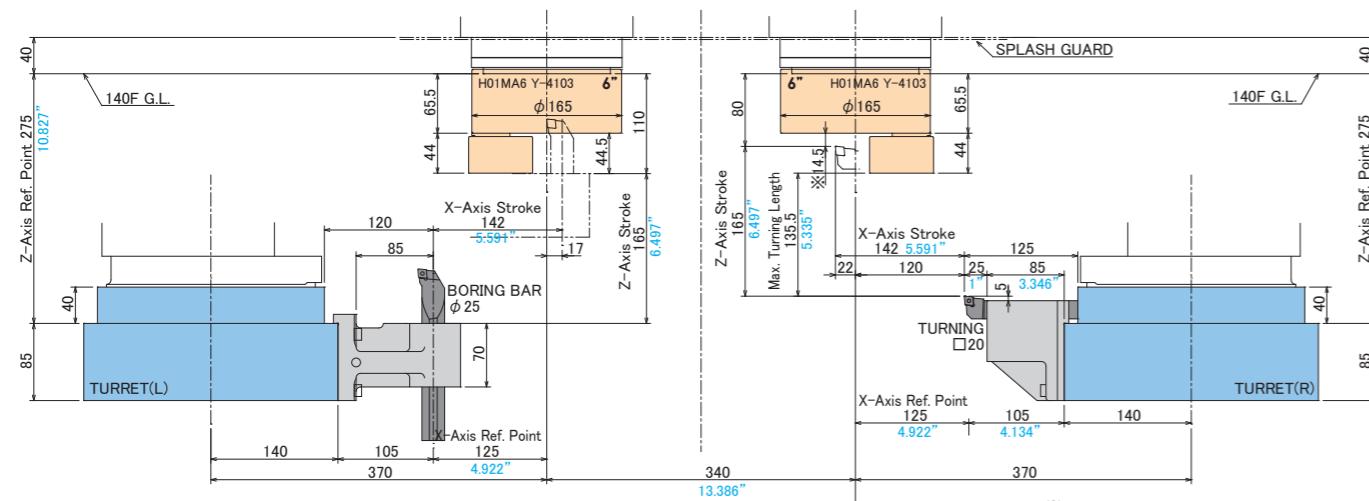
▲ Tool Offset Display

■ Tooling System

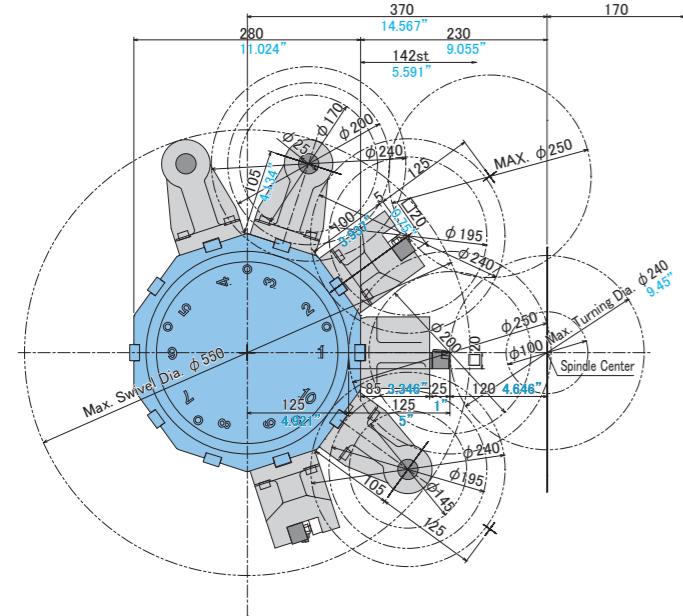


■ Travel Range and Interference Unit : mm inch

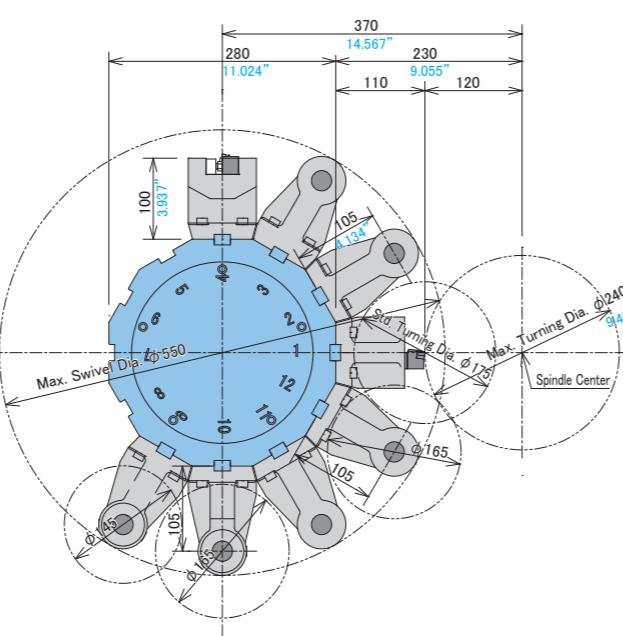
T10/T12 6" Chuck Type Turning Type TT-2100G



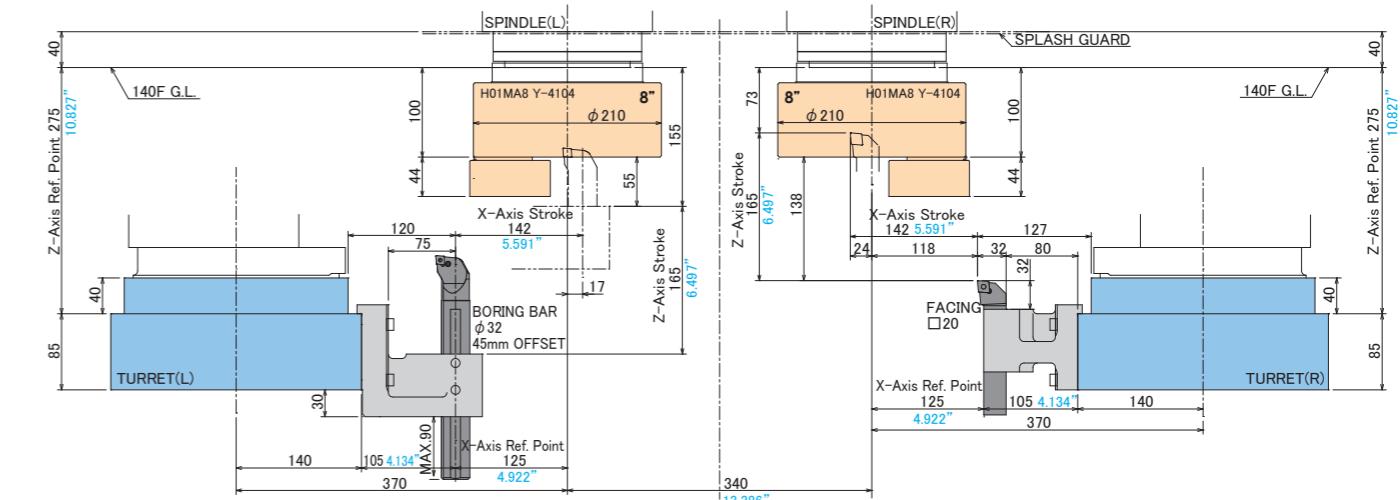
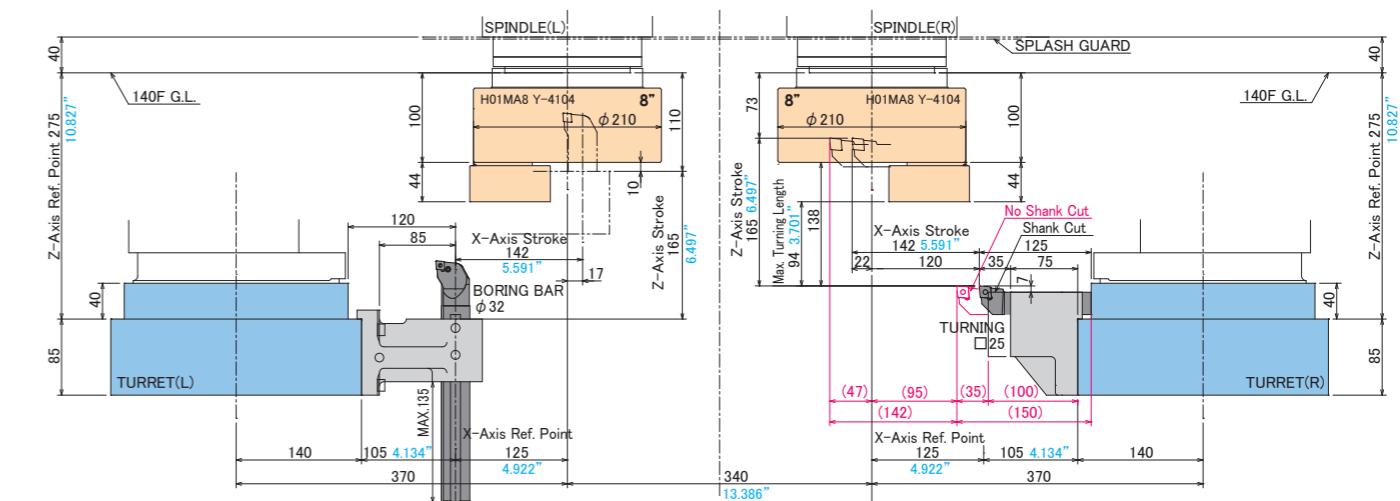
T10 TURRET (R) is mirror-image component.
Figure shows TURRET (L).



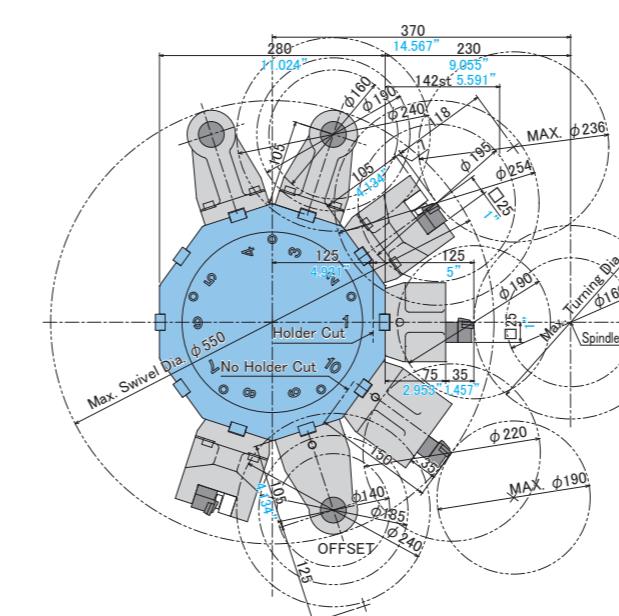
T12 TURRET (R) is mirror-image component.
Figure shows TURRET (L).



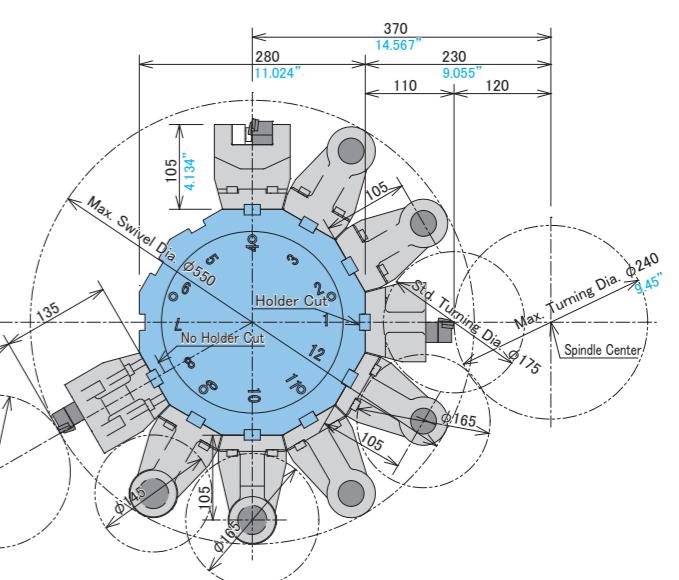
T10/T12 8" Chuck Type Turning Type TT-2100G



T10 TURRET (R) is mirror-image component.
Figure shows TURRET (L).

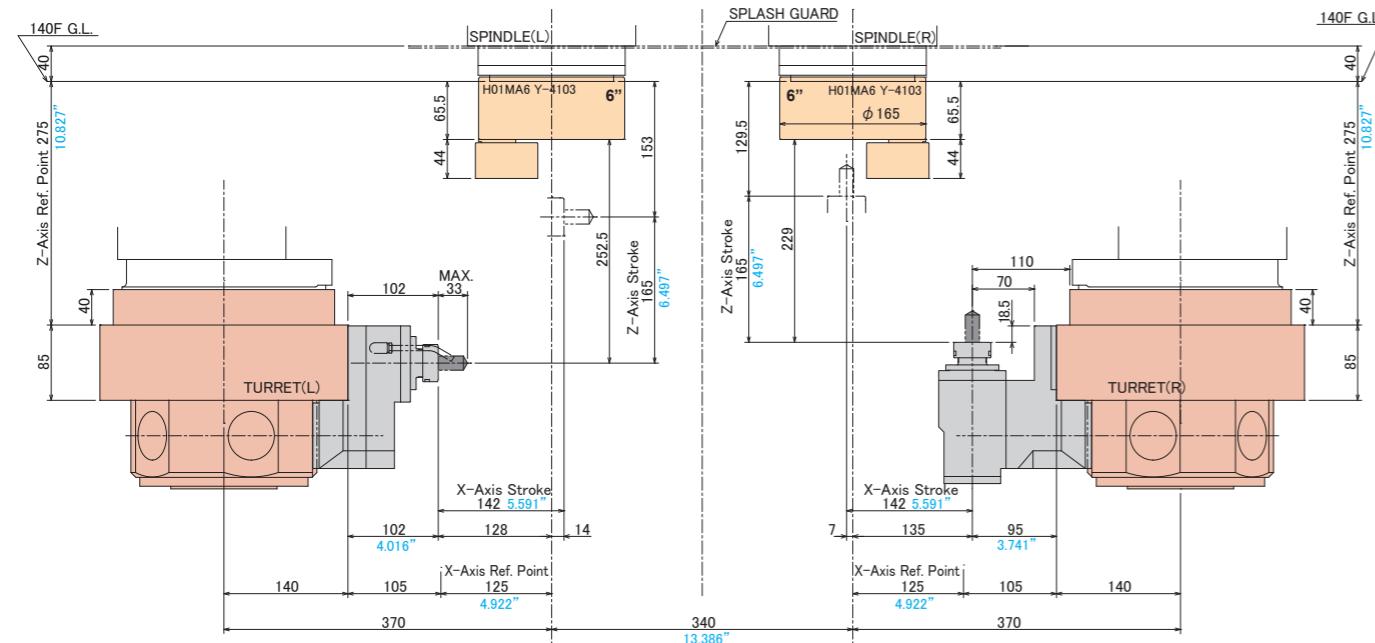


T12 TURRET (R) is mirror-image component.
Figure shows TURRET (L).

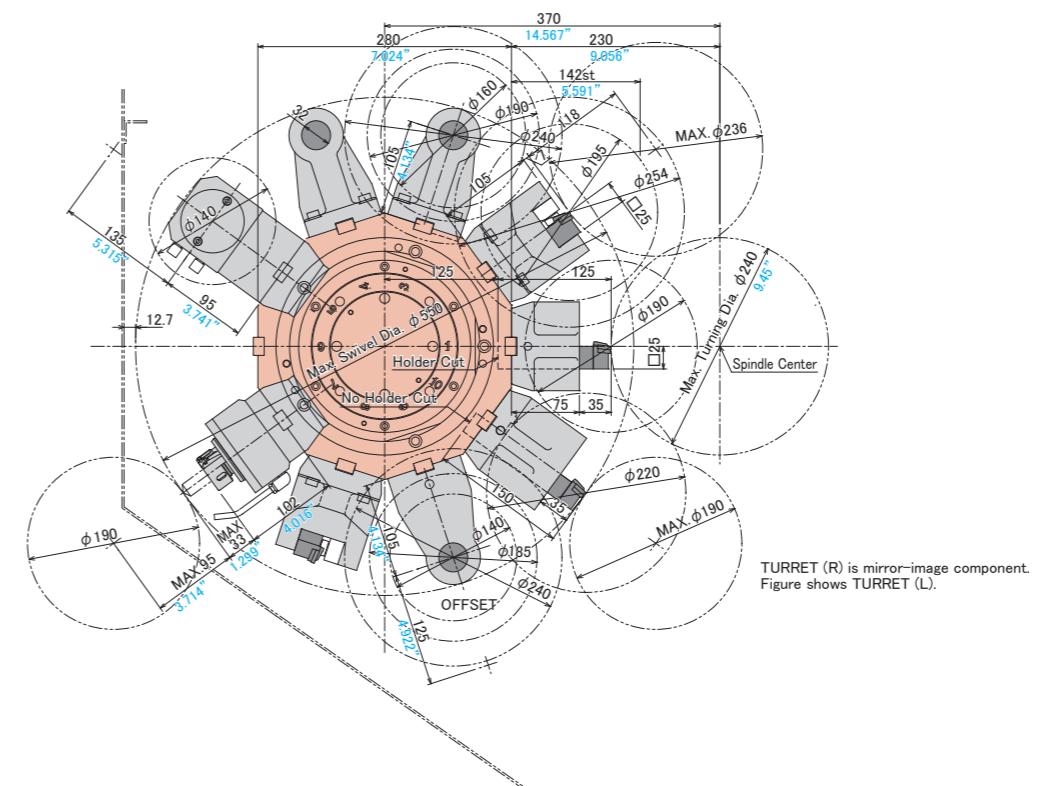
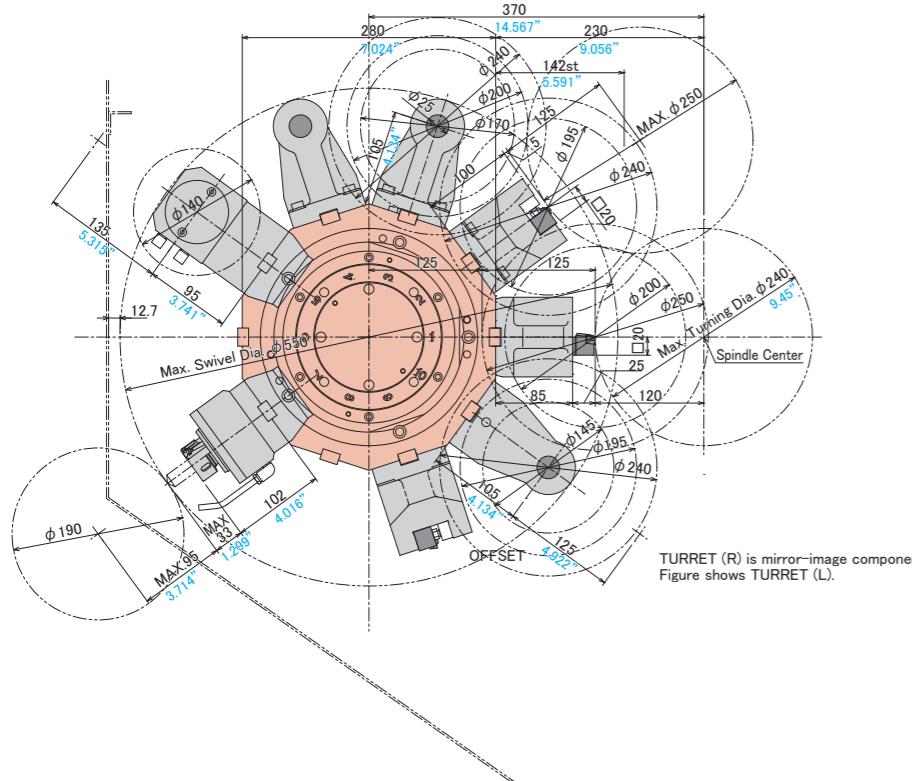
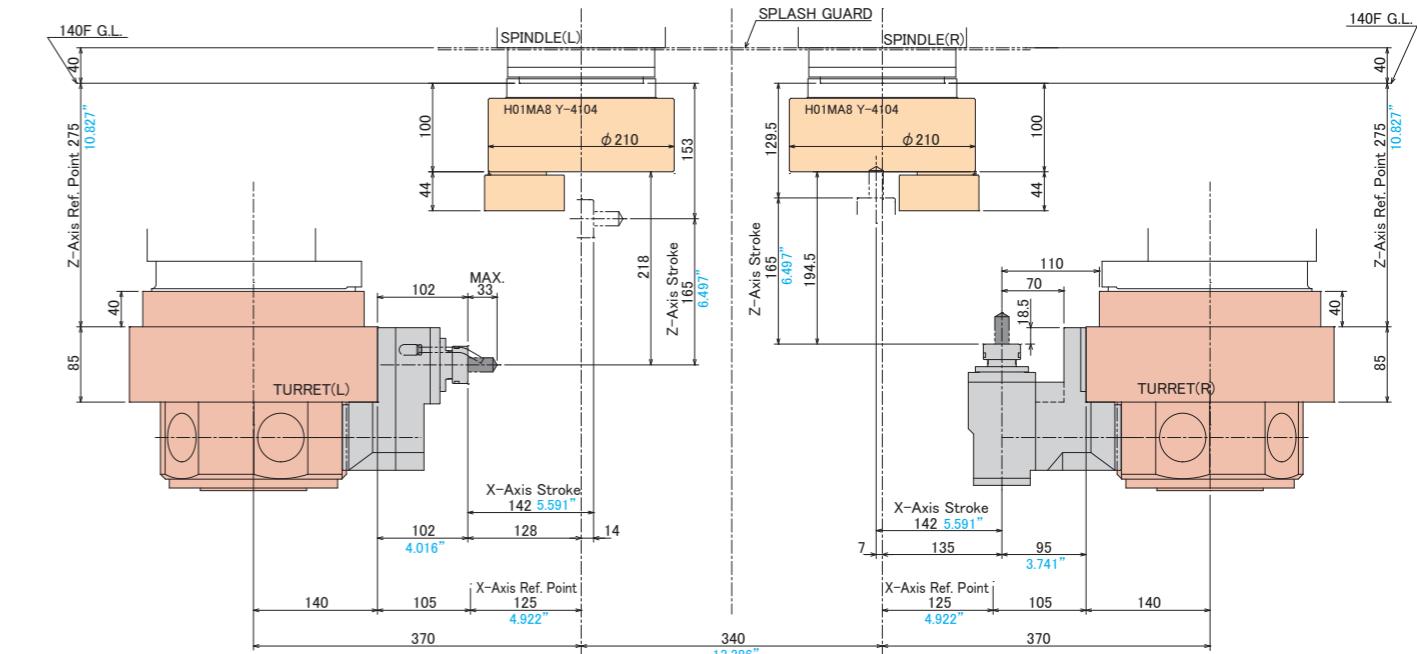


■ Travel Range and Interference Unit : mm inch

T10M 6" Chuck Type Milling Type TT-2100CMG



T10M 8" Chuck Type Milling Type TT-2100CMG



TT-2100G

TAKISAWA®

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Japanese laws prohibit this machine from being used to develop or manufacture "weapons of mass destruction" or "conventional arms", as well as from being used to process parts for them.

Export of the product may require the permission of governmental authorities of the country from where the product is exported.

Should you wish to resell, transfer or export the product, please notify Takisawa Machine Tool Co., Ltd. or our distributor in advance.

*The appearance, specifications, and relevant software of the product are subject to change for improvement without notice.

*Please make an inquiry to our sales representatives for details of the product.



ISO 9001 Certified
JQA-2010
(Head Office)



MS
CM007

ISO 14001
12ER-865
(Head Office)

■ Overseas Network

- | | |
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