



Vertical Machining Centers

ACE CENTER MB-V Series / GENOS Series

MILLAC Series



NC ROTARY TABLE



Head Quarters, Motoyama factory



NC ROTARY
TABLE

NC ROTARY TABLE Machine Compatibility

ACE CENTER MB-V/GENOS



Machine Type Table Model		ACE CENTER				GENOS	
		MB-46VA/B	MB-46VAE/BE	MB-56VA/B	MB-66VA/B	M460-VE	M560-V
 MR 	120	○	○	○	○	○	○
	160	○	○	○	○	○	○
	200	◎P5	◎P7	○	○	◎P13	○
	250	☎	☎	○	○	☎	○
	320	☎	☎	◎P9	◎P11	☎	◎P15
GT 	200	○	○	○	○	○	○
	250	◎P5	◎P7	○	○	◎P13	○
	320	☎	☎	◎P9	◎P11	☎	◎P15
TMX·TRX·TR 	160	○	○	○	○	○	○
	200	◎P6	◎P8	○	○	◎P14	○
	250	☎	☎	◎P10	○	☎	◎P16
	320	☎	☎	○	◎P12	☎	○
	400	—	—	☎	☎	—	☎
	500	—	—	—	☎	—	—
TT 	101	○	○	○	○	○	○
	120	○	○	○	○	○	○
	140	☎	☎	○	○	☎	○
	182	◎P6	◎P8	○	○	◎P14	○
	251	☎	☎	◎P10	○	☎	◎P16
	321	—	—	☎	◎P12	—	☎

Note 1 ◎ : Recommend ○ : Available ☎ : Contact us

Note 2 Other than these above, check on the Kitagawa NC Rotary Table catalogue.

Note 3 The drawings shown are only for reference.

Enquire separately for details and for particular specifications.

MILLAC



Machine Type Table Model		MILLAC 44V	MILLAC 561V	MILLAC 761V
				
GT 	200	◎P17	○	○
	250	☎	◎P19	○
	320	—	☎	◎P21
MR 	120	○	○	○
	160	○	○	○
	200	◎P17	○	○
	250	☎	◎P19	○
	320	—	☎	◎P21
TMX·TRX·TR 	160	○	○	○
	200	◎P18	○	○
	250	☎	◎P20	○
	320	—	☎	○
	400	—	—	◎P22
	500	—	—	☎
TT 	101	○	○	○
	120	◎P18	○	○
	140	☎	○	○
	182	☎	○	○
	251	—	◎P20	○
	321	—	☎	◎P22

Note 1 ◎ : Recommend ○ : Available ☎ : Contact us

Note 2 Other than these above, check on the Kitagawa NC Rotary Table catalogue.

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Enquire separately for details and for particular specifications.



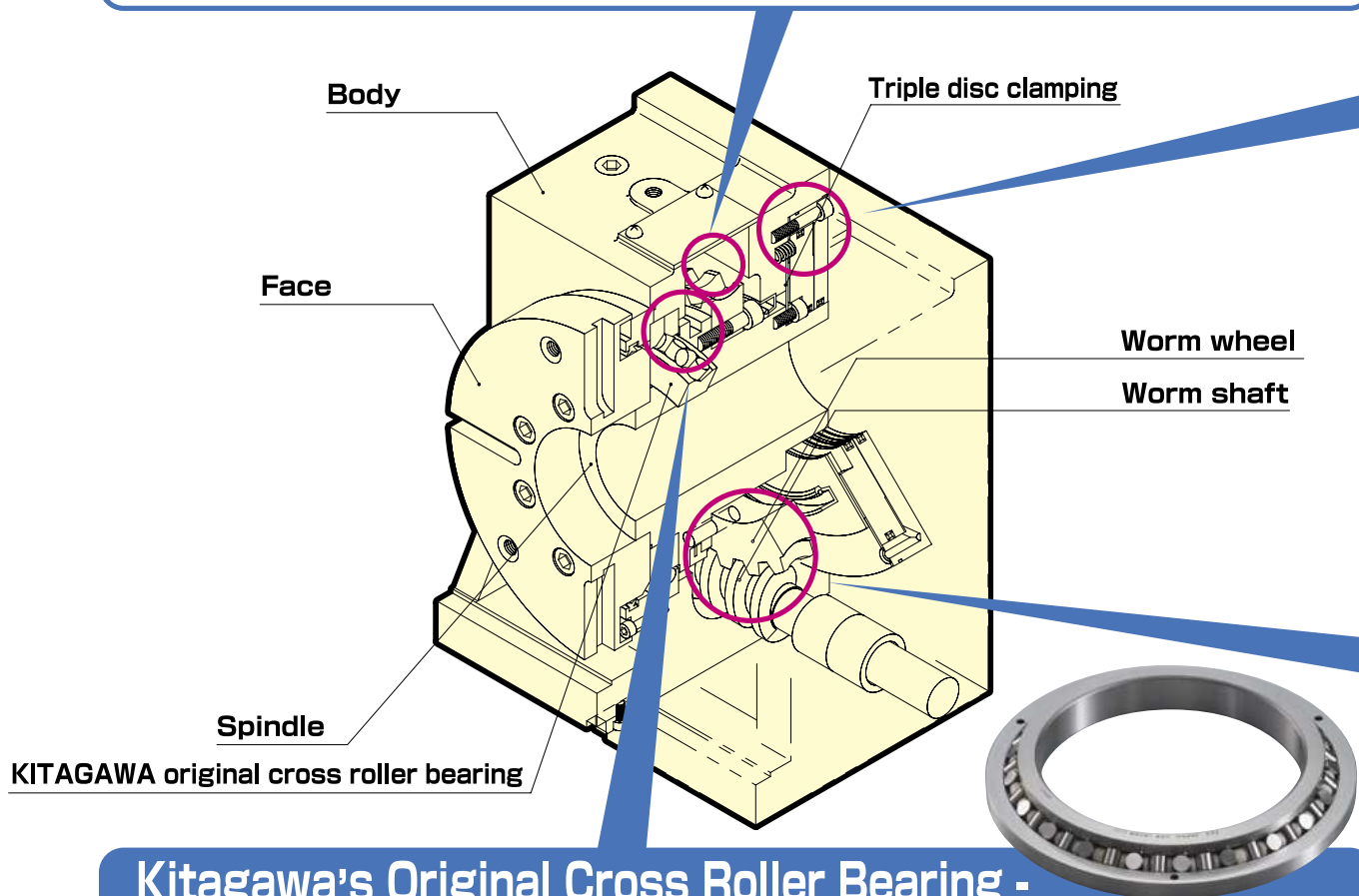
NC ROTARY
TABLE

NC ROTARY TABLE FEATURES

Robust Clamping Torque,
Superb Accuracy, and Optimum Rigidity.
Most Advanced NC Rotary tables
from Kitagawa.

Special Metal for Wear Resistance

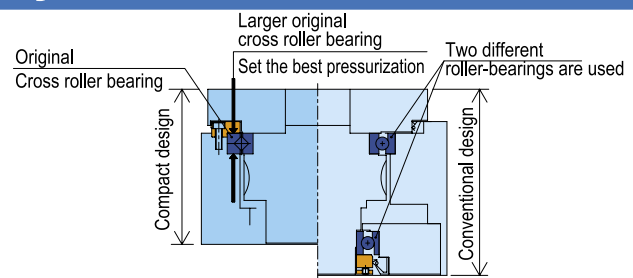
Special metal with hard-intermetallic compounds significantly increases wear resistance of the worm wheel compared to conventional model.



Kitagawa's Original Cross Roller Bearing - Proved performance over 20 years

Kitagawa's Original Cross Roller Bearing supporting the main spindle with an ideal pre-load assures superb accuracy and optimum rigidity.

Kitagawa's Original Cross Roller Bearing has made body design the most compact in its class.

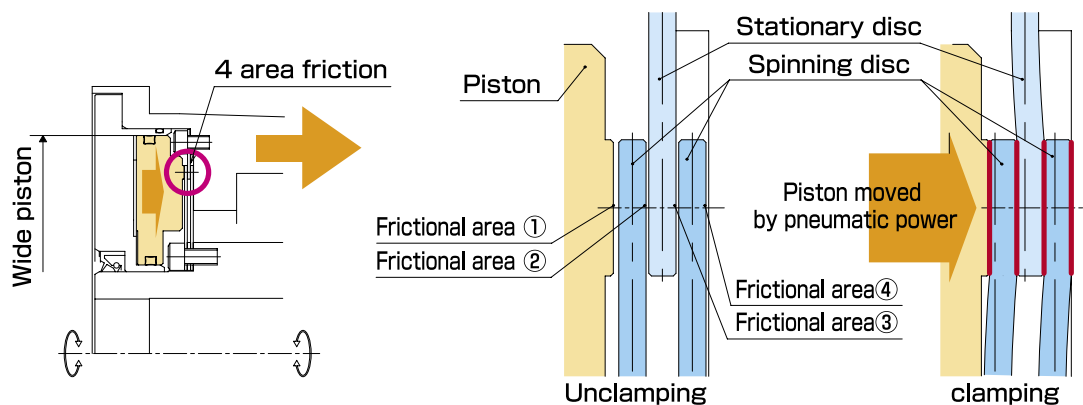


KITAGAWA original cross roller bearing ← → Rolling bearing combination

Robust Triple Disc Brake System

●Triple disc brake system

Four independent friction surfaces of the pneumatic Triple Disc Brake System achieves the highest clamping torque in its class, which outperforms hydraulic clamping system in a similar design.

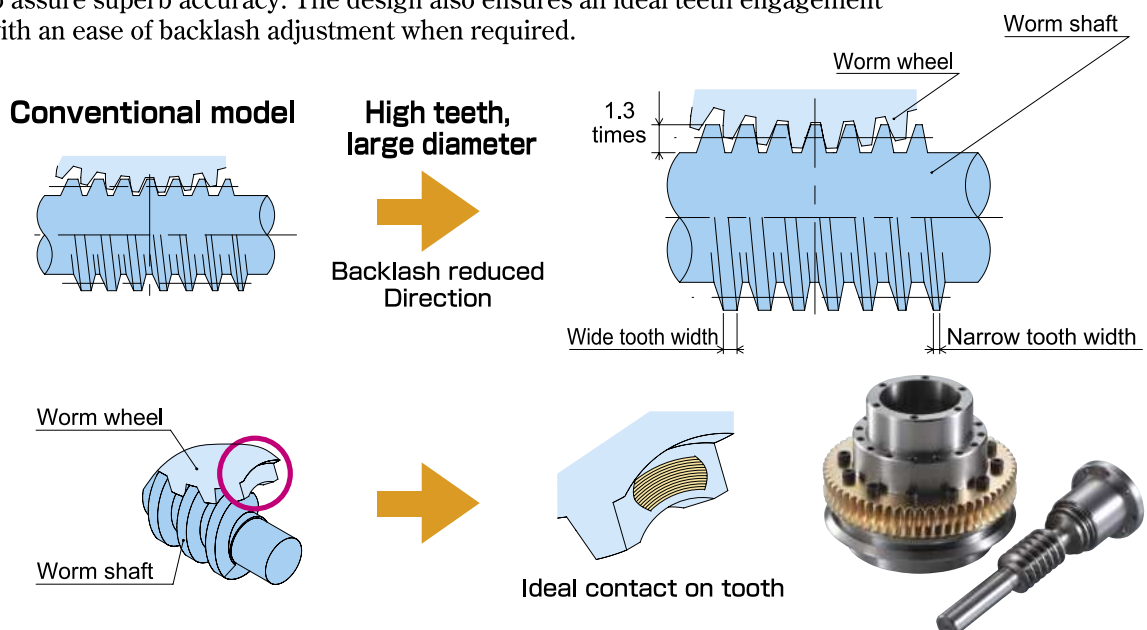


The Largest Module Worm Gears with the Deepest Teeth Design assures optimum strength and rigidity in its class

Kitagawa's advanced Worm Gear design minimizes pressure on the teeth resulting in superb accuracy, improvement of wear resistance and driving torque.

Double-Lead Worm Gear

Kitagawa's Double-Lead Worm Gears are hobbled after shrink-fitted and bolted on the main spindle to assure superb accuracy. The design also ensures an ideal teeth engagement with an ease of backlash adjustment when required.





Vertical Machining Centers ACE CENTER MB-46VA/B

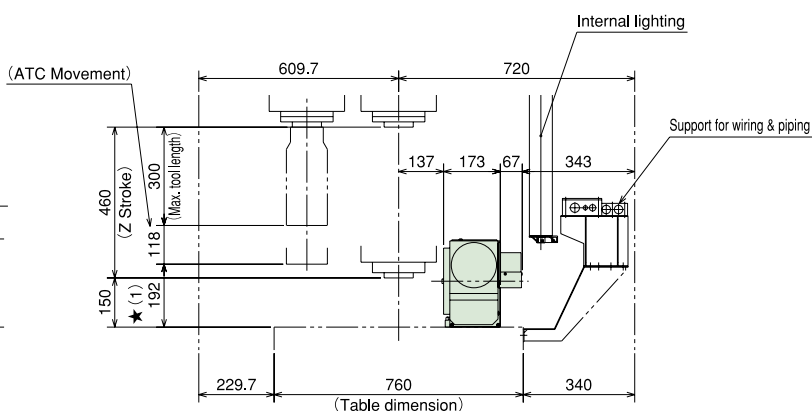
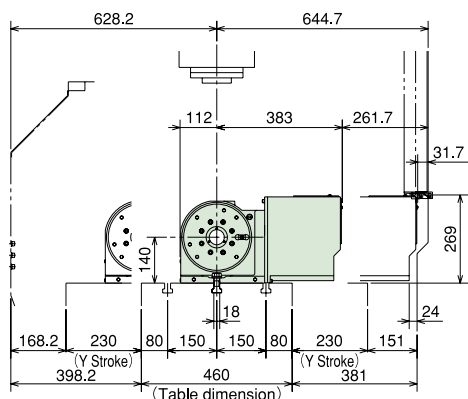
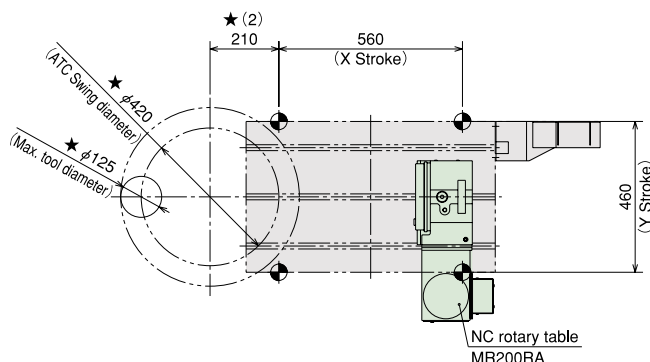
MR200RA***



CAUTION

VB (#50) Type has
5★marked different dimension

B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220



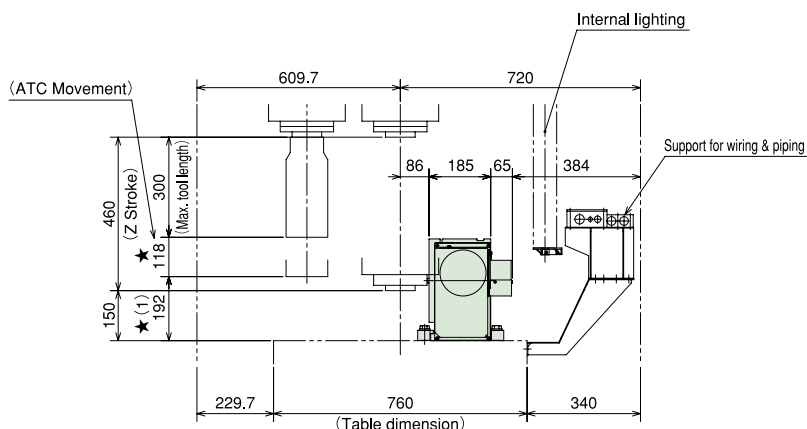
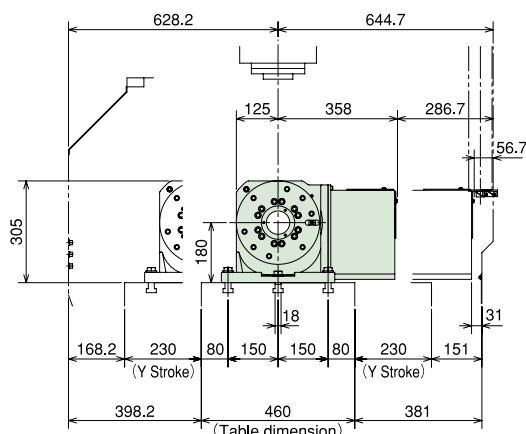
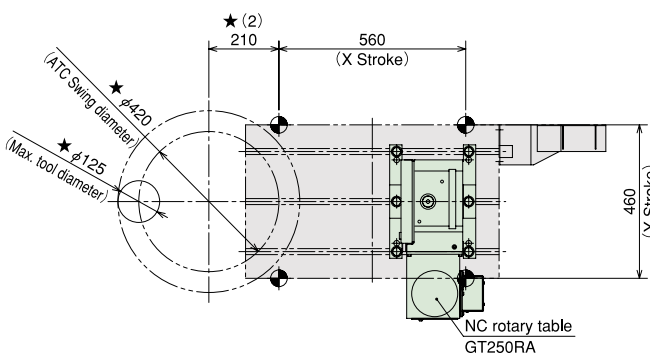
GT250RA***



CAUTION

VB (#50) Type has
5★marked different dimension

B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220





TMX200B***

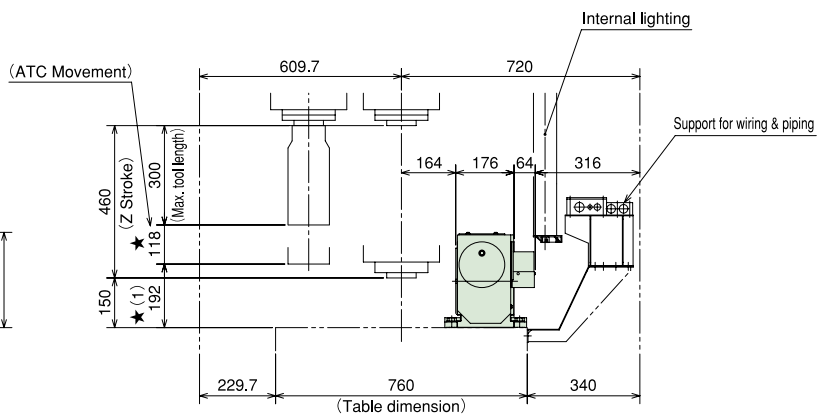
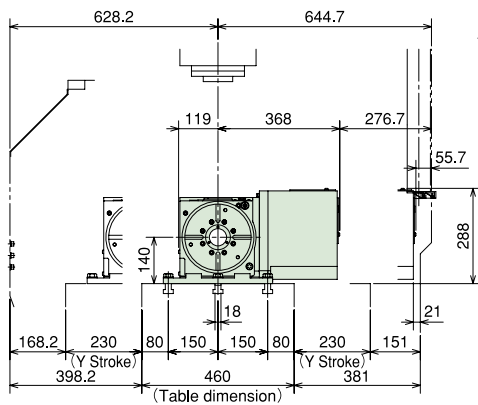
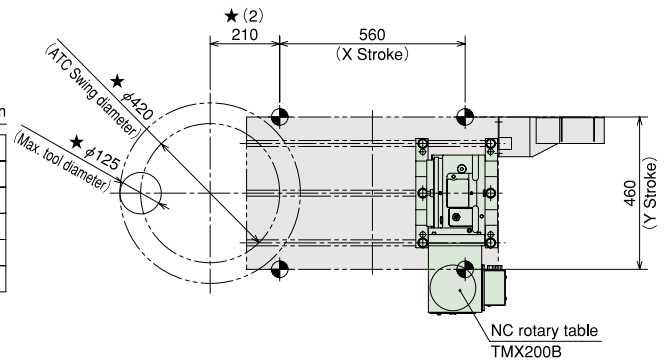


CAUTION

VB (#50) Type has
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B Type

ATC Swing diameter	φ440
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ATC Movement	170
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Others (2)	220



TT182B***

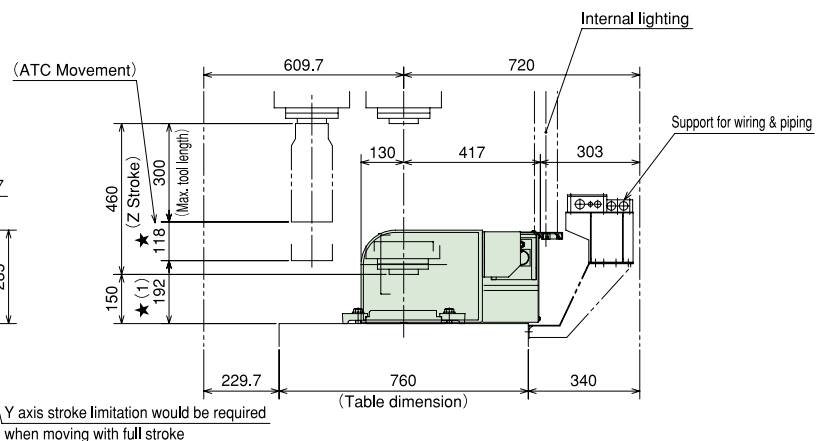
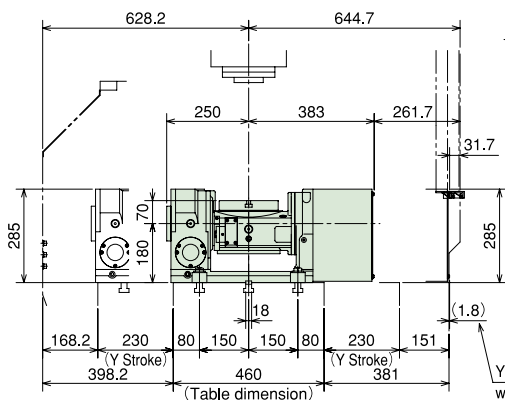
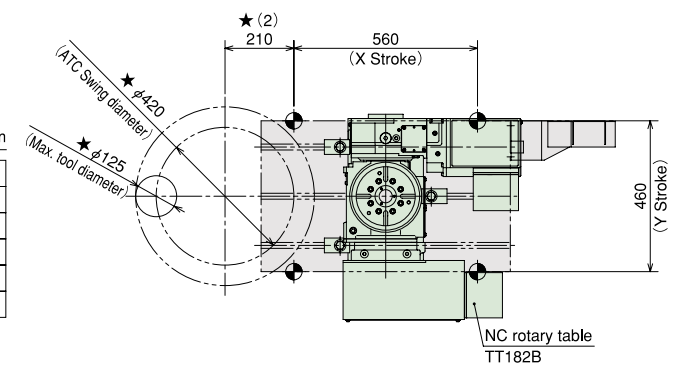


CAUTION

VB (#50) Type has
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B Type

ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220





Vertical Machining Centers ACE CENTER MB-46VAE/BE

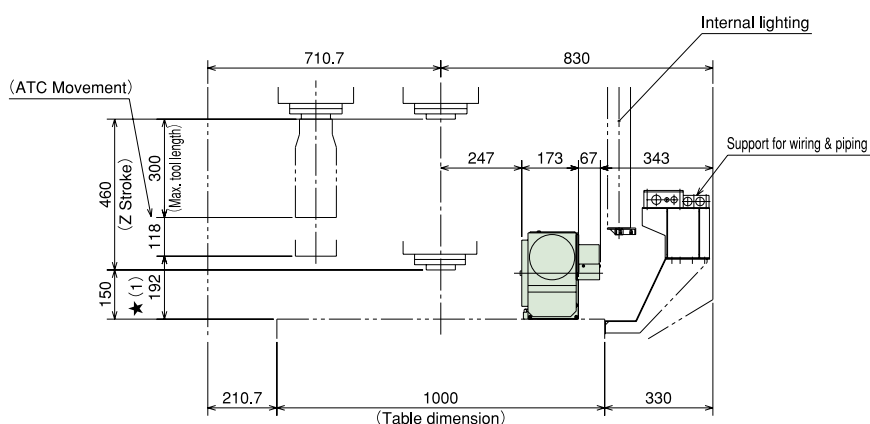
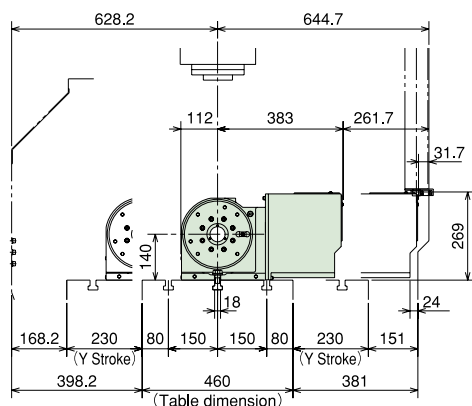
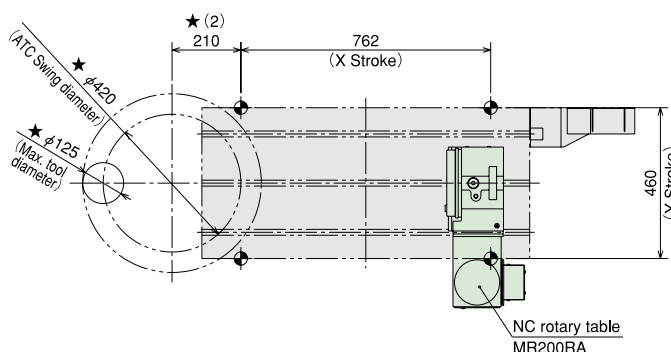
MR200RA***



CAUTION

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B Type	
ATC Swing diameter	φ440
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ATC Movement	170
Others (1)	140
Others (2)	220



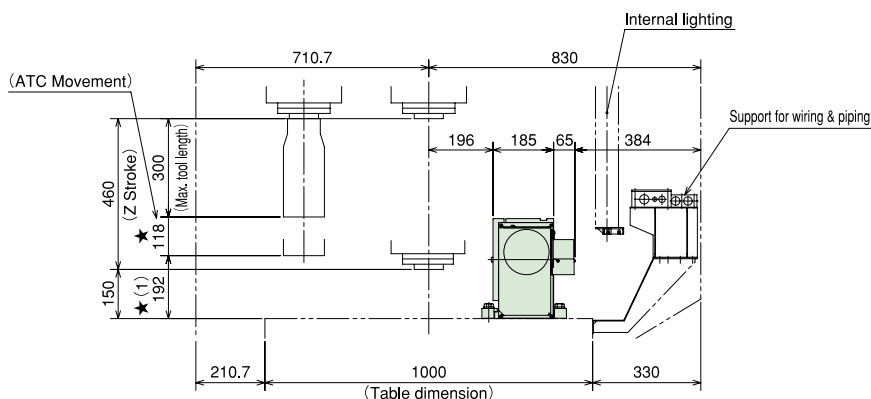
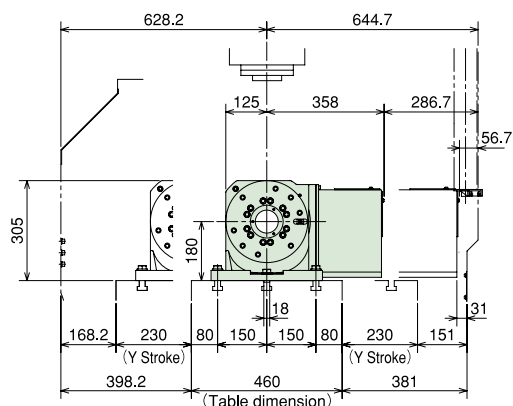
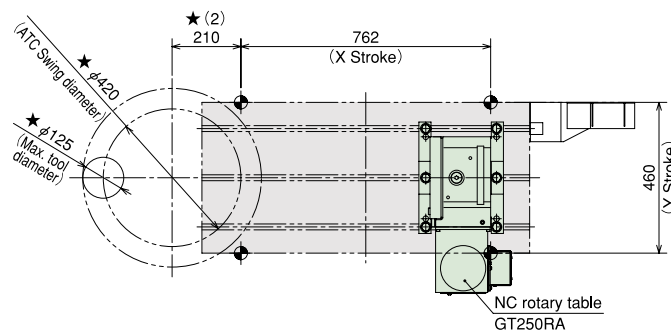
GT250RA***



CAUTION

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B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220





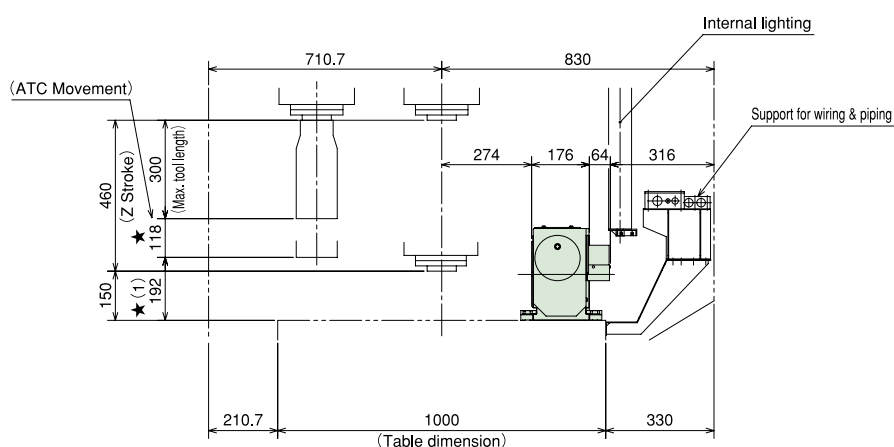
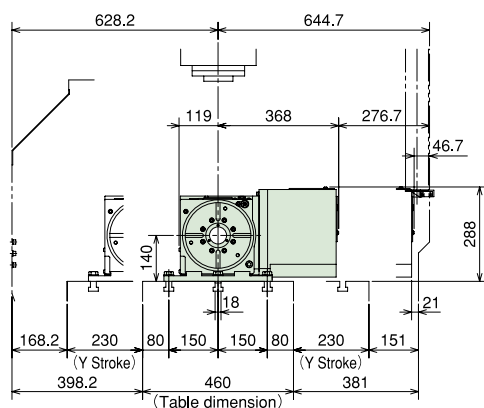
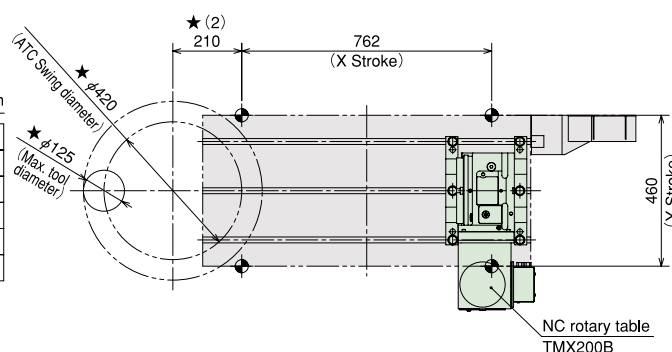
■ TMX200B***



CAUTION

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ATC Movement	170
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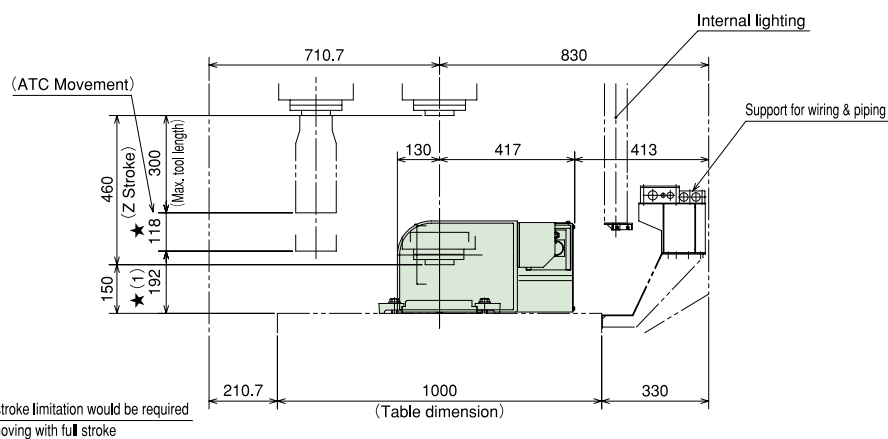
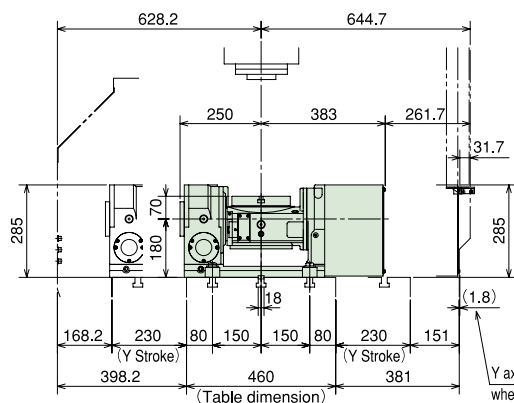
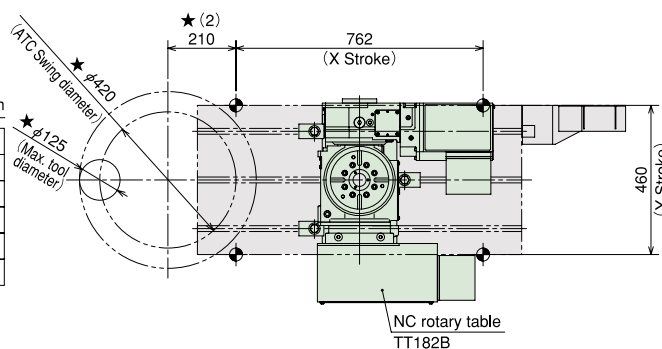
■ TT182B***



CAUTION

VB (#50) Type has
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B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220





Vertical Machining Centers ACE CENTER MB-56VA/B

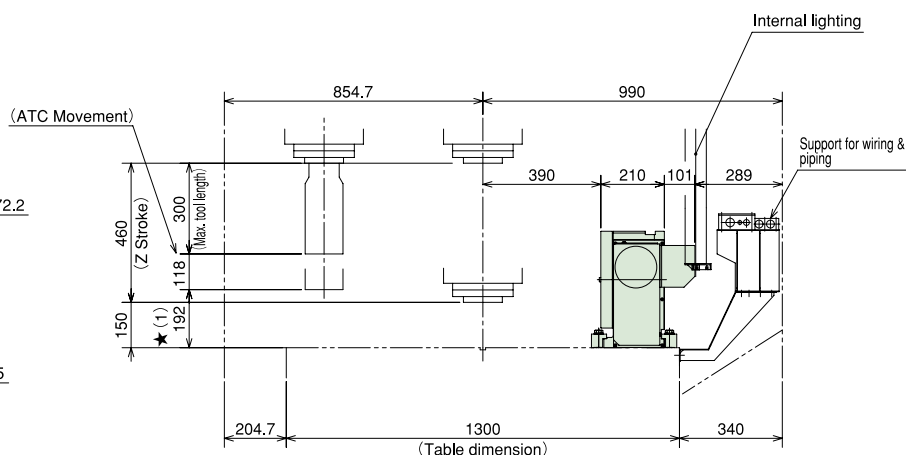
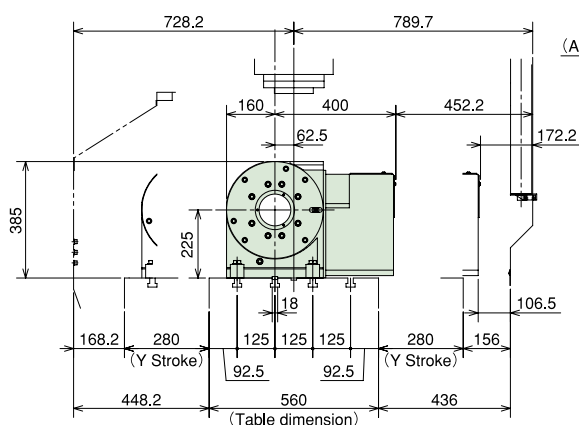
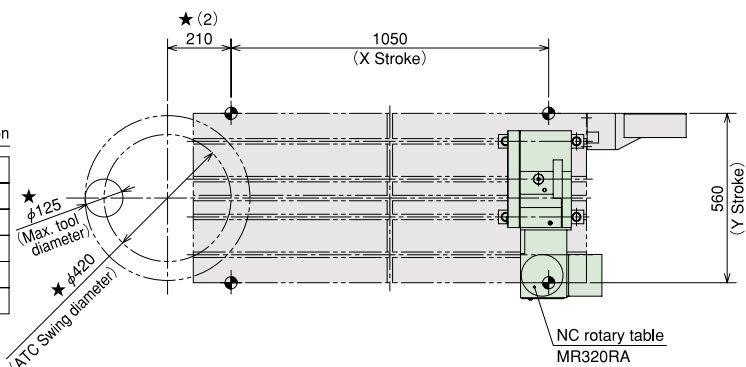
MR320RA***



CAUTION

VB (#50) Type has
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B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220



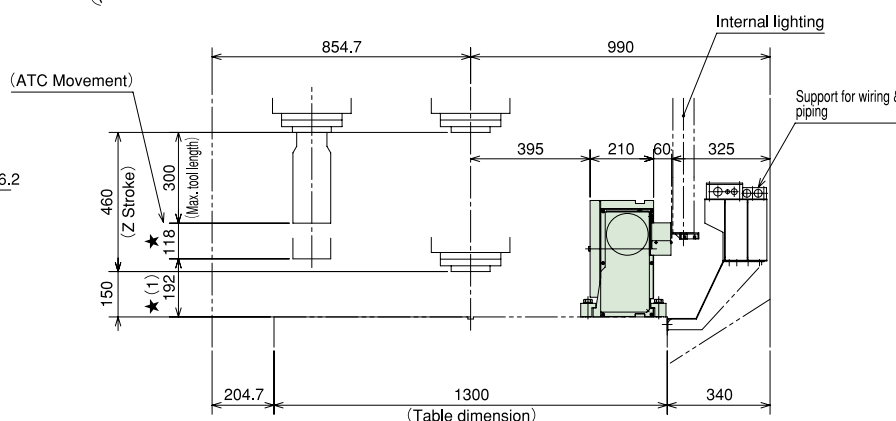
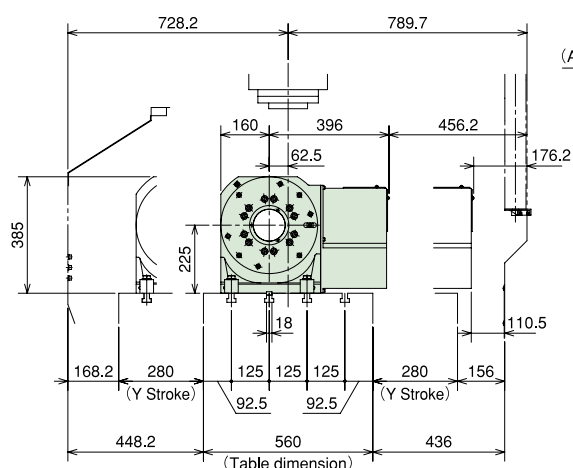
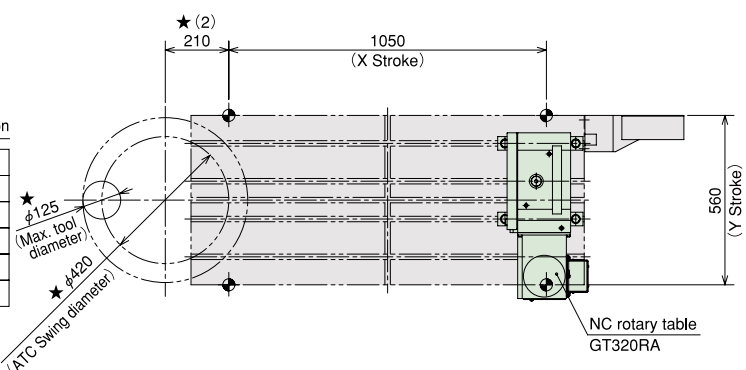
GT320RA***



CAUTION

VB (#50) Type has
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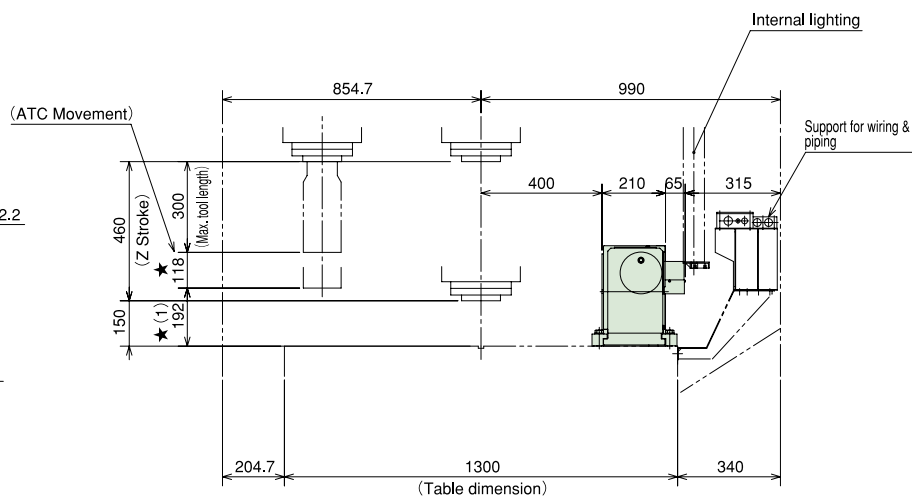
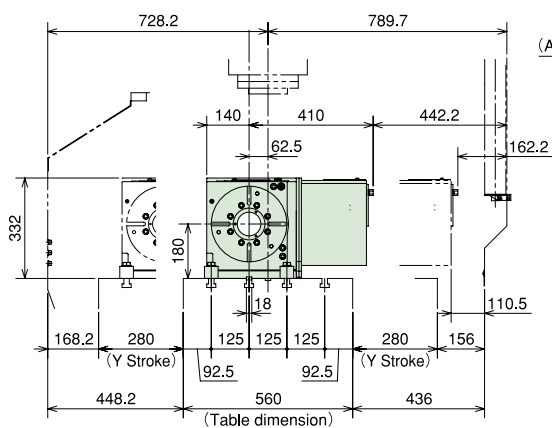
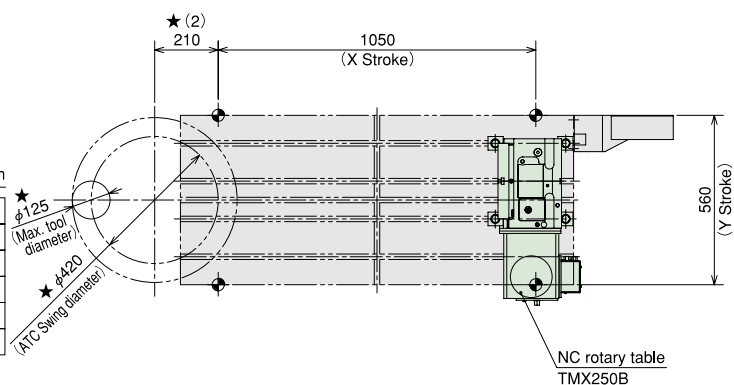
B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220





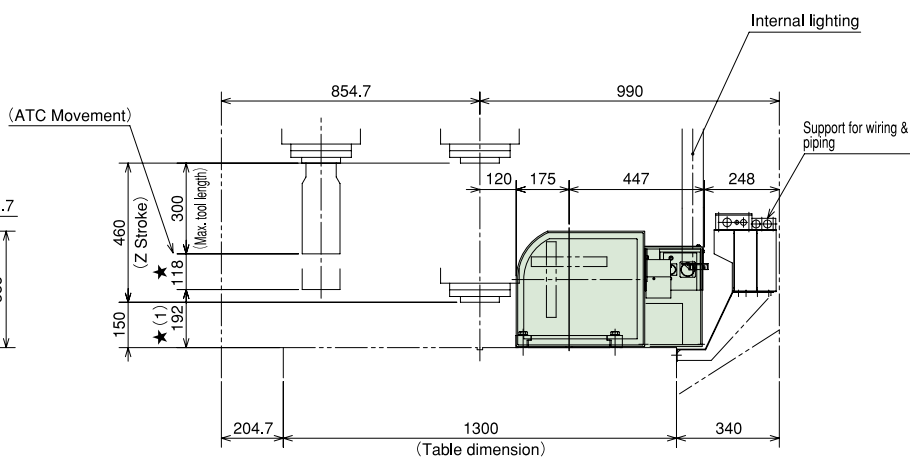
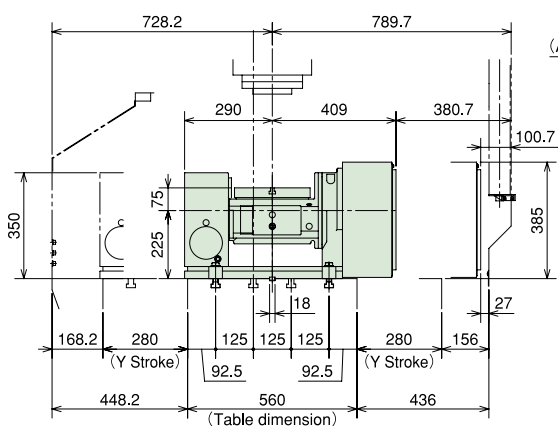
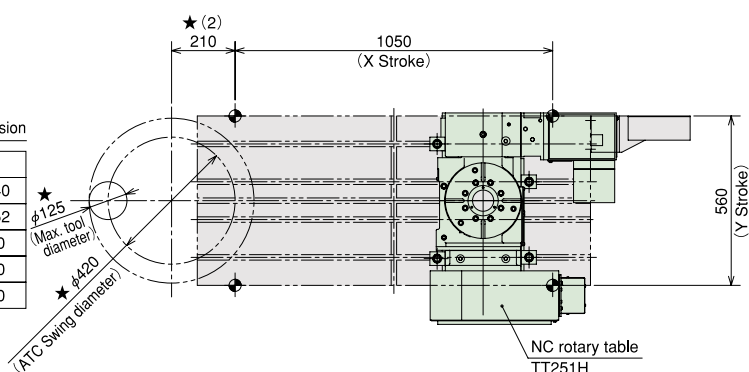
VB (#50) Type has
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ATC Movement	170
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VB (#50) Type has
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B Type	
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Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220





Vertical Machining Centers ACE CENTER MB-66VA/B

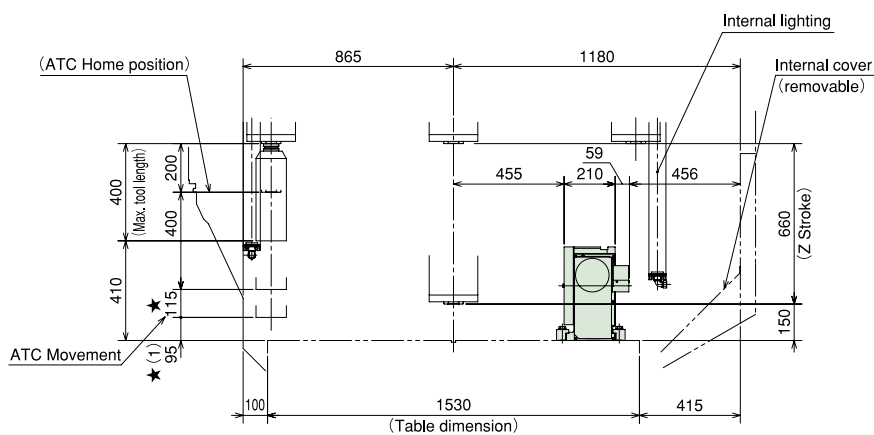
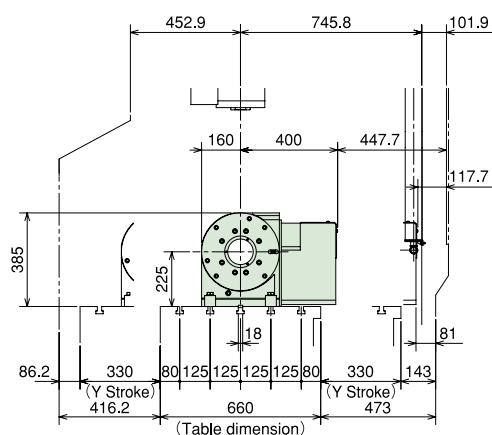
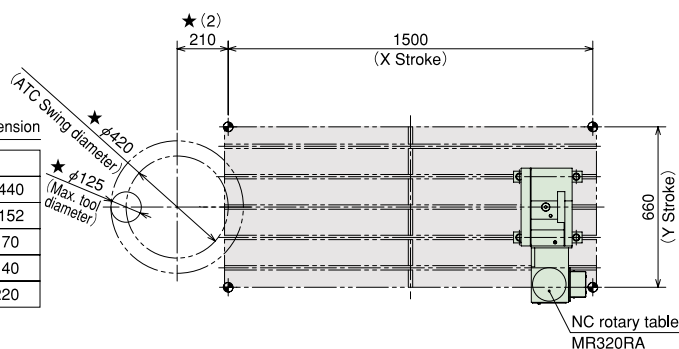
MR320RA***



CAUTION

VB (#50) Type has
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B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220



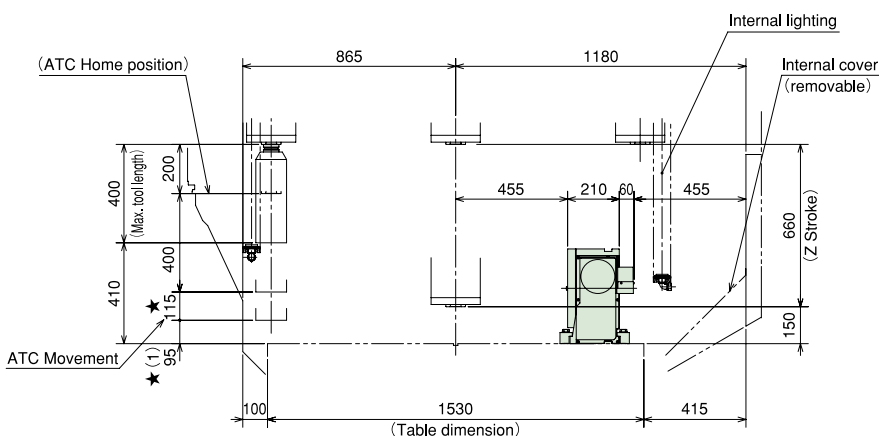
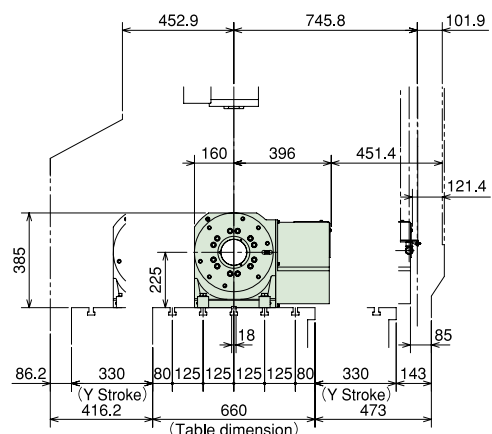
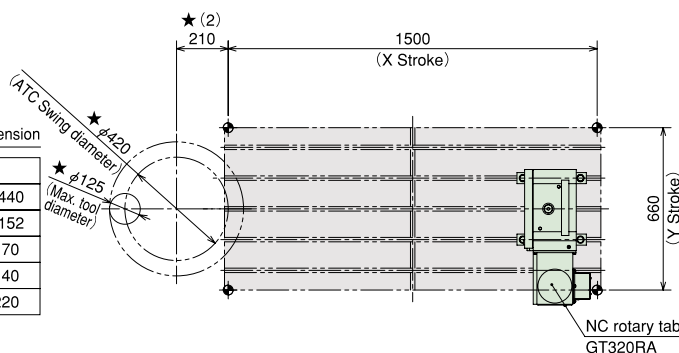
GT320RA***



CAUTION

VB (#50) Type has
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B Type	
ATC Swing diameter	φ440
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Others (2)	220





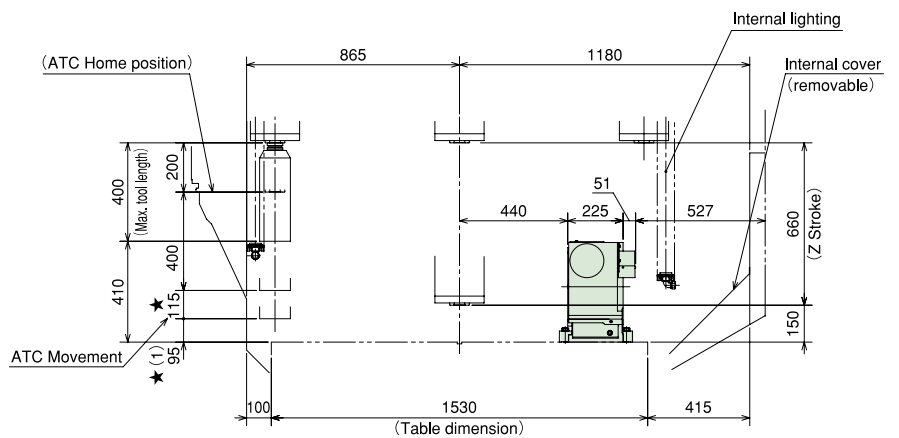
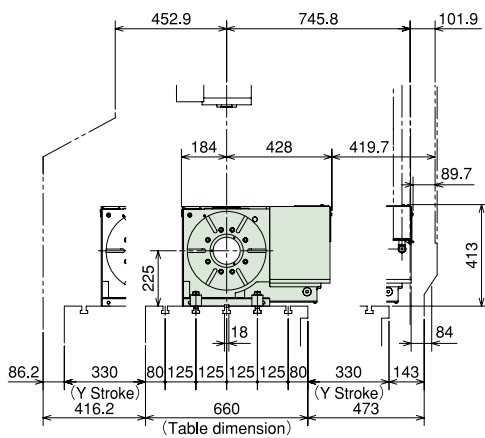
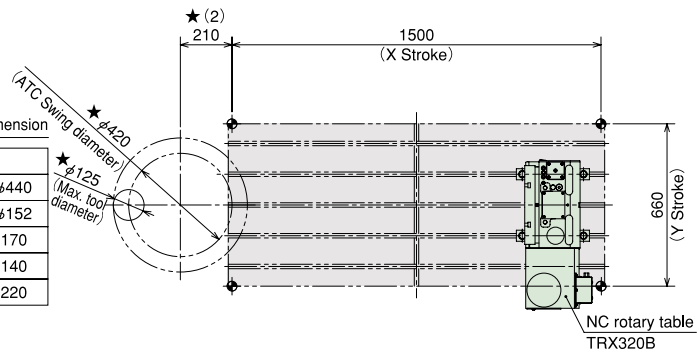
TRX320B***



CAUTION

VB (#50) Type has
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B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
Others (1)	140
Others (2)	220



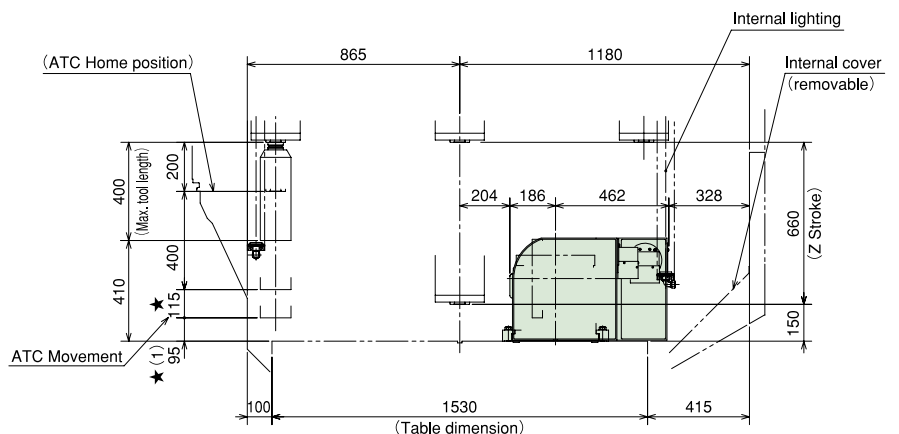
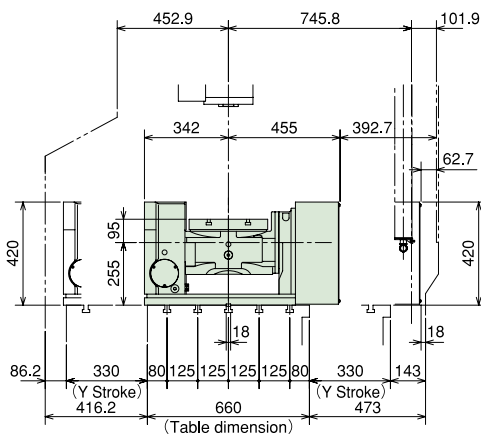
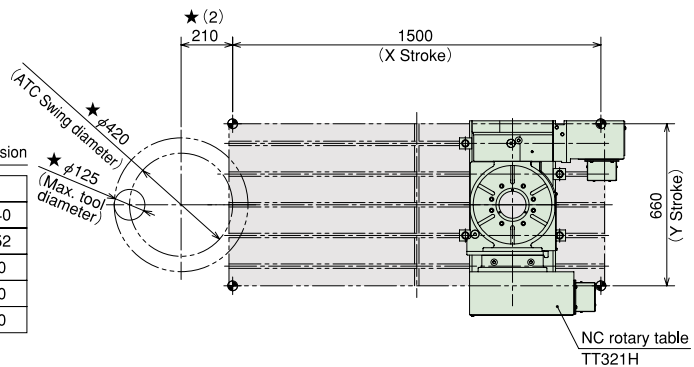
TT321H****



CAUTION

VB (#50) Type has
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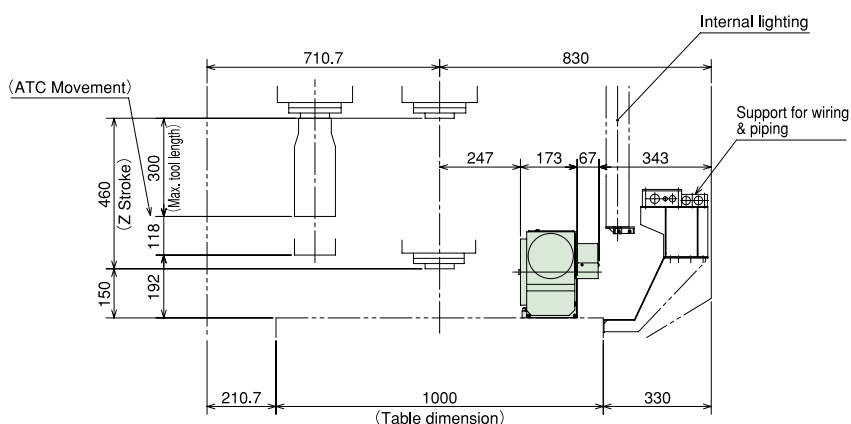
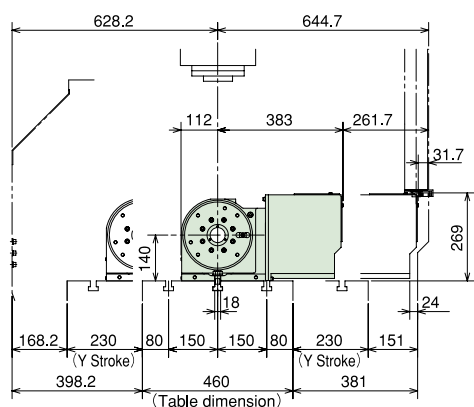
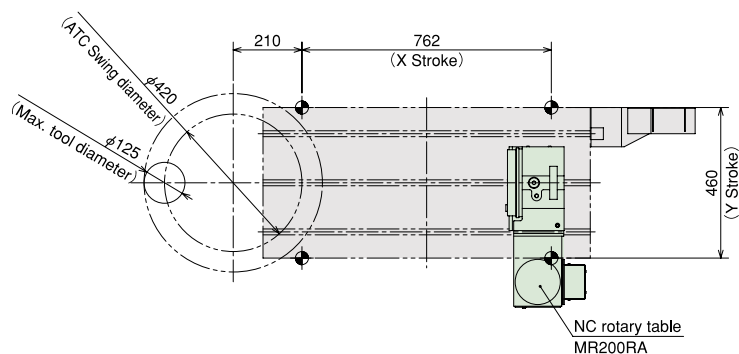
B Type	
ATC Swing diameter	φ440
Max. tool diameter	φ152
ATC Movement	170
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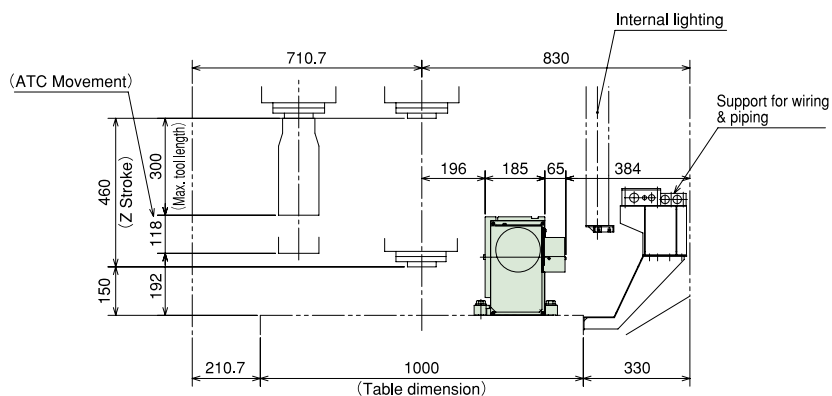
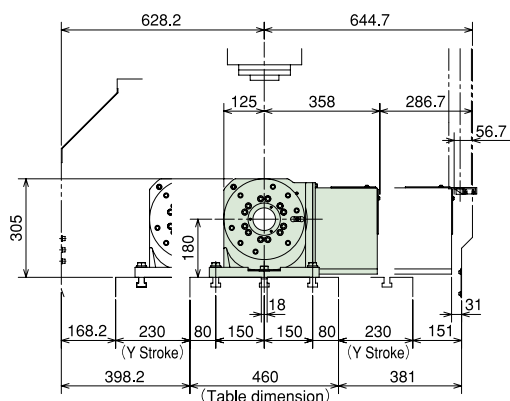
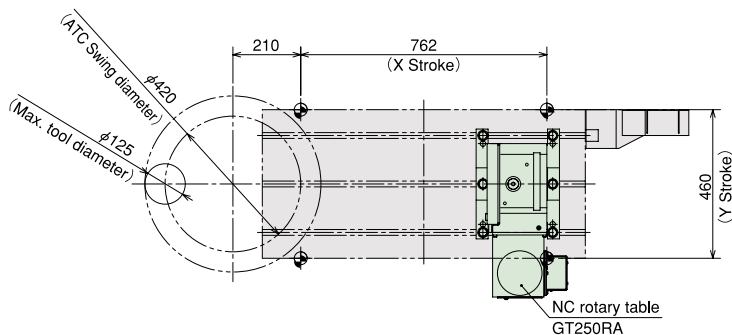


Vertical Machining Centers GENOS M460-VE

MR200RA***

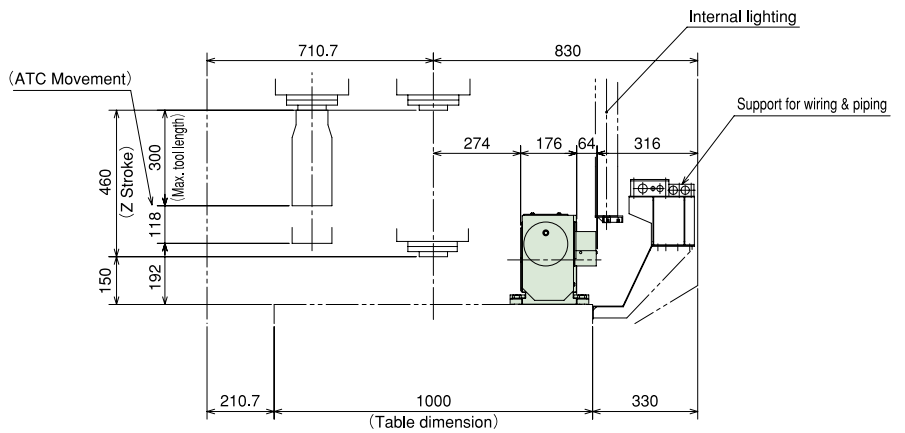
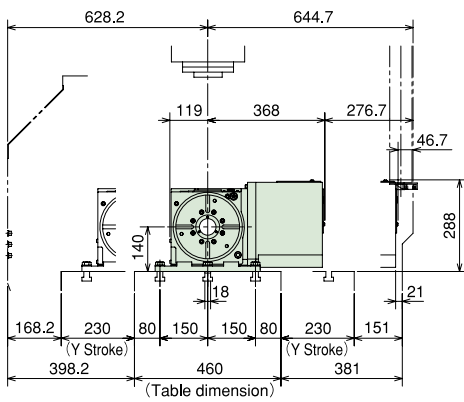
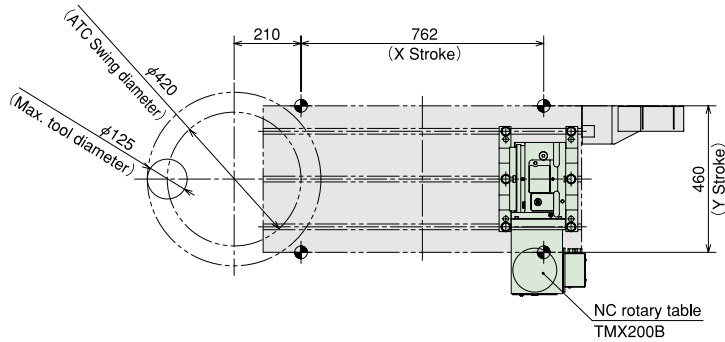


GT250RA***

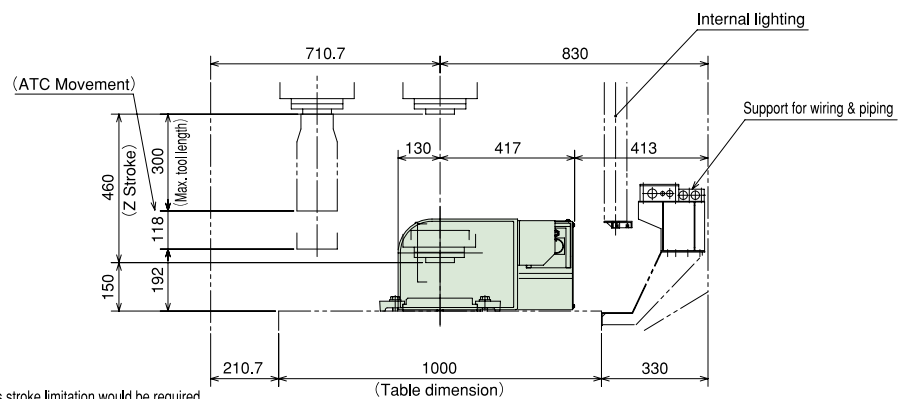
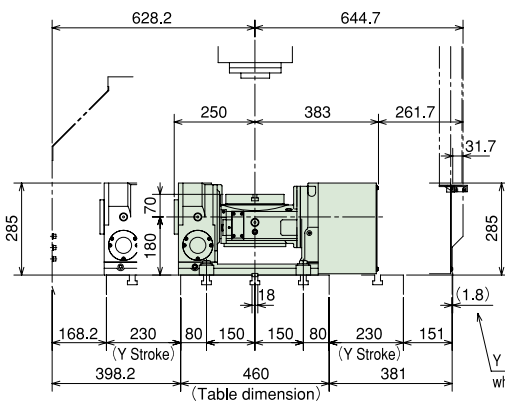
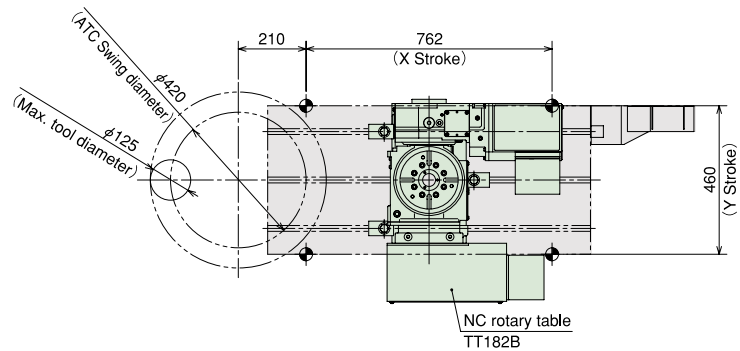




■ TMX200B***



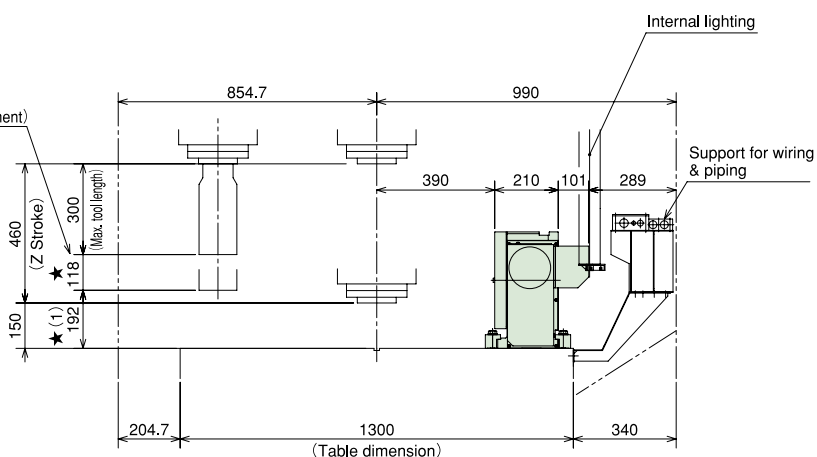
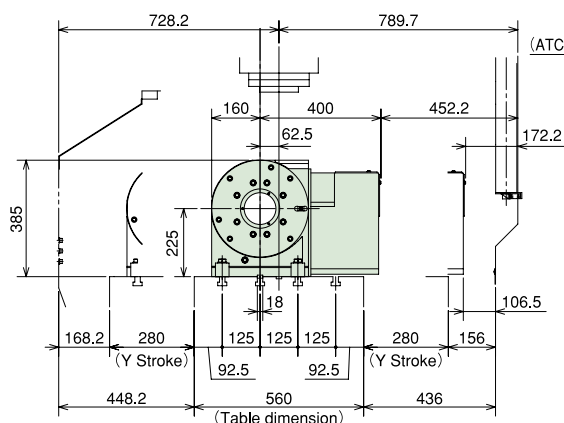
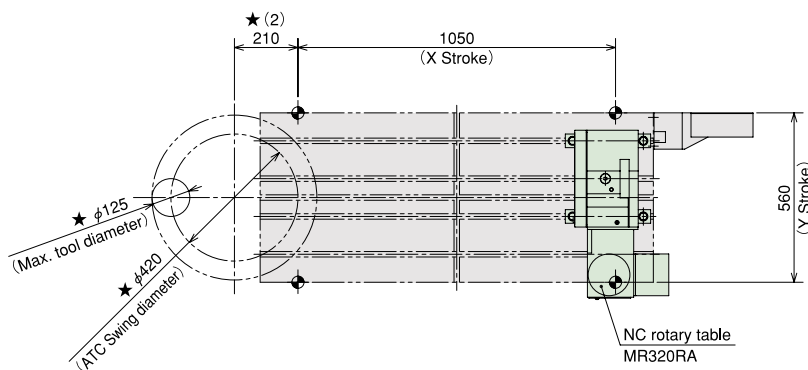
■ TT182B***



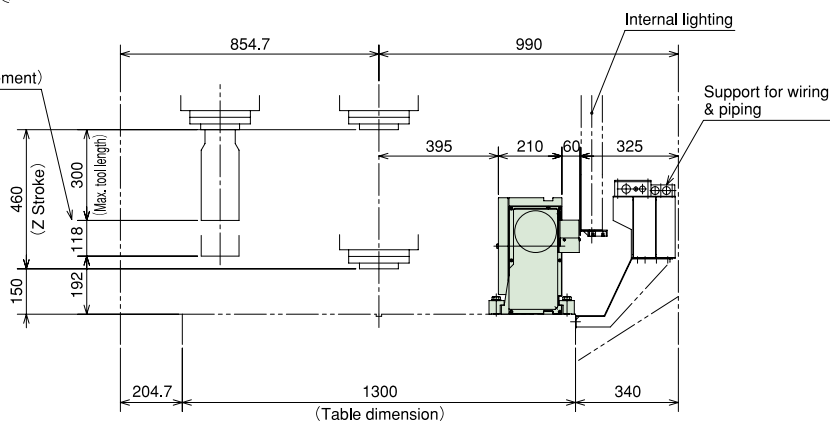
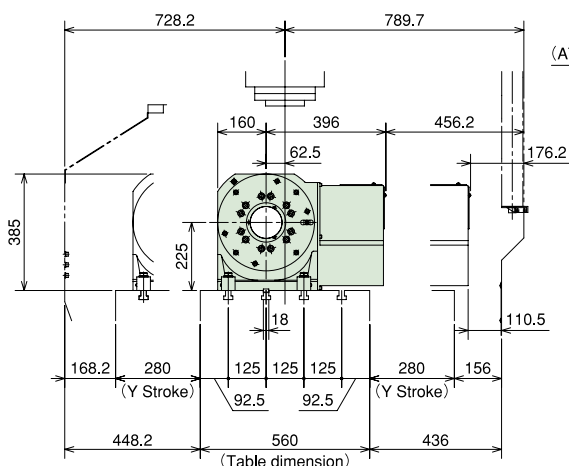
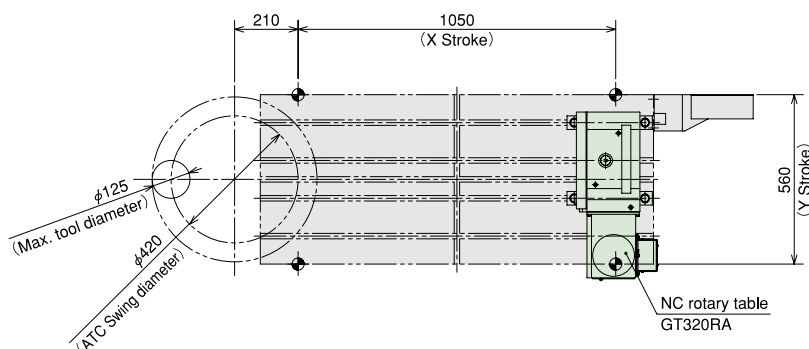


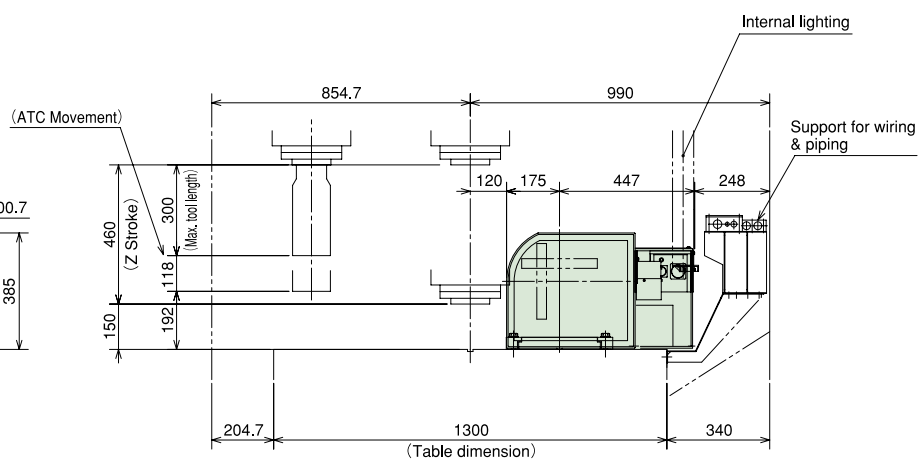
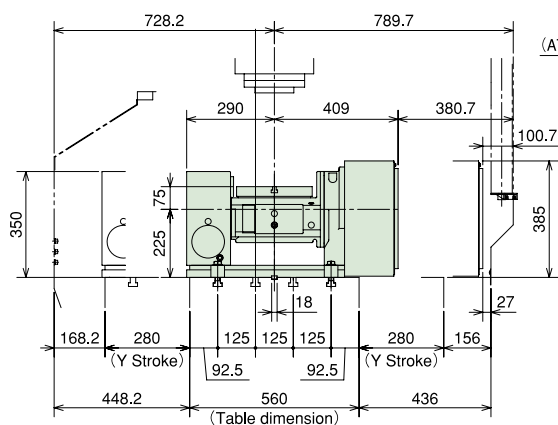
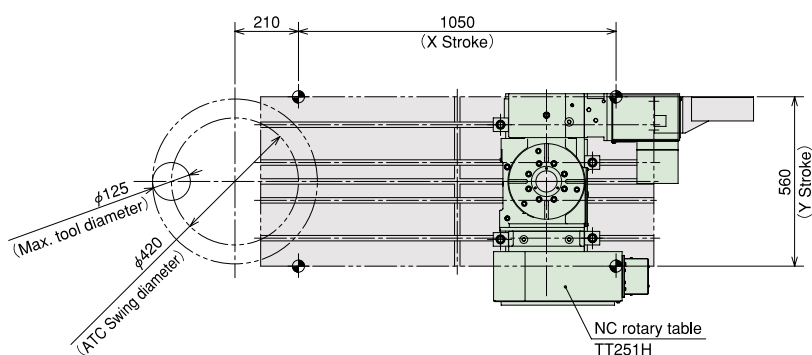
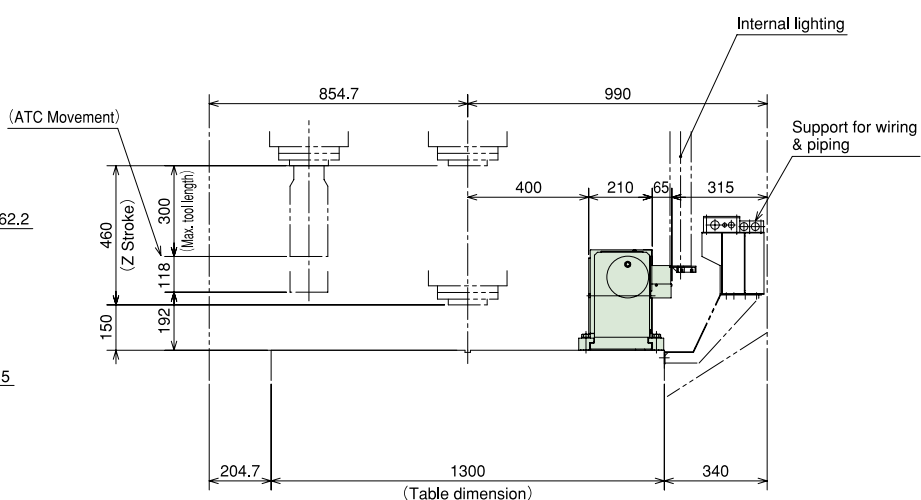
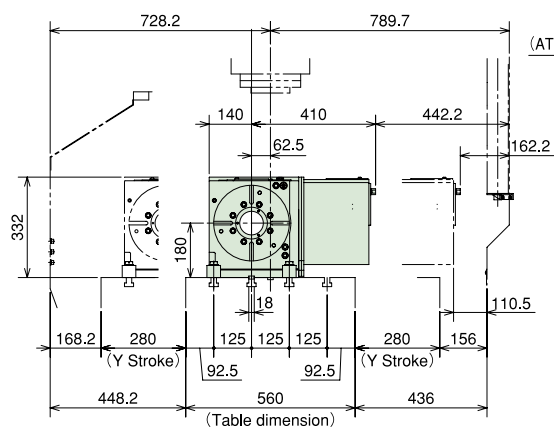
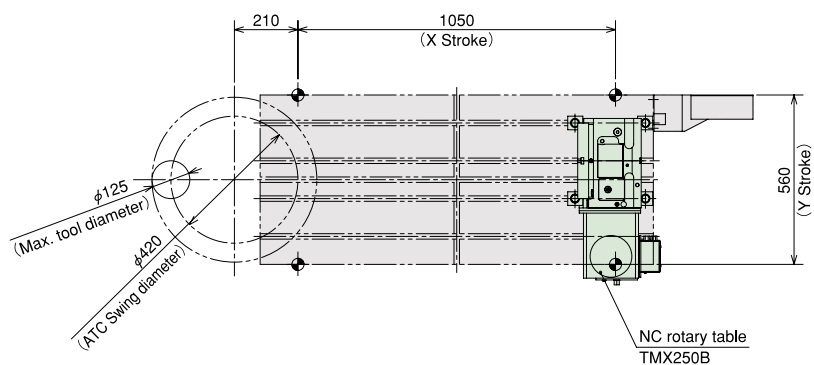
Vertical Machining Centers GENOS M560-V

MR320RA***



GT320RA***





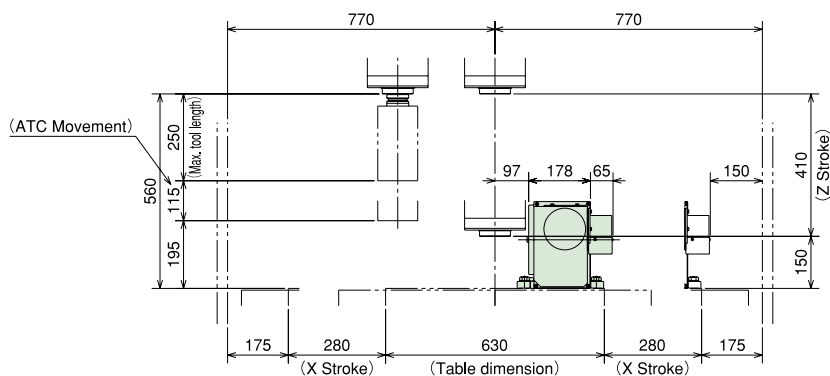
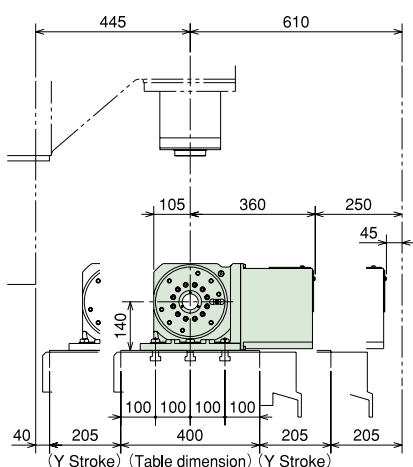
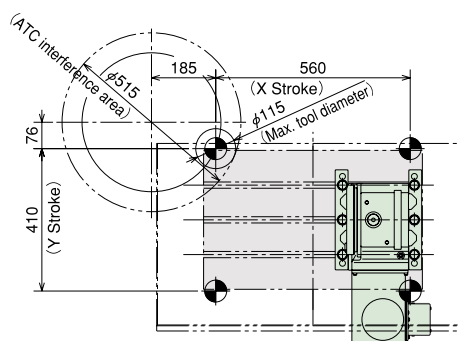


Vertical Machining Centers

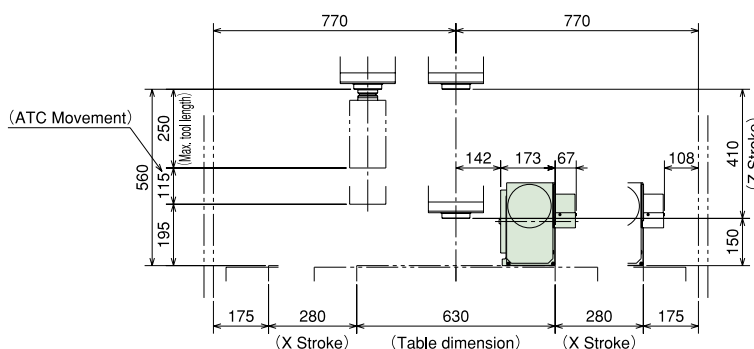
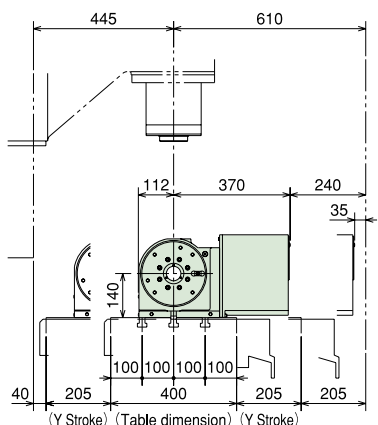
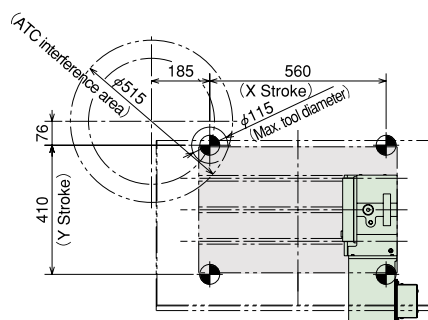
MILLAC Series

MILLAC 44V

GT200RA***

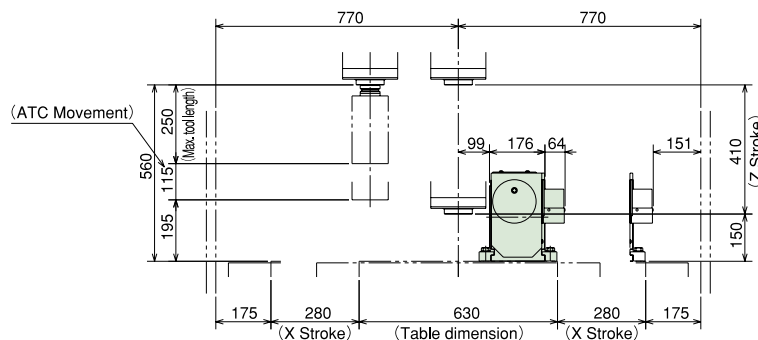
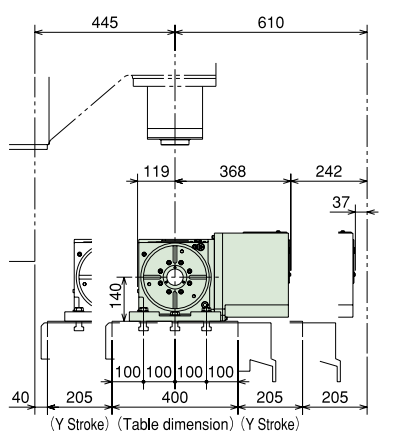
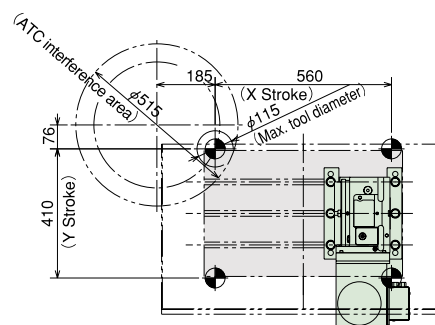


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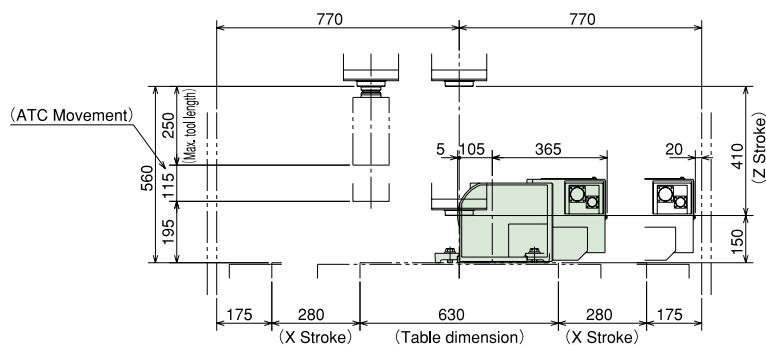
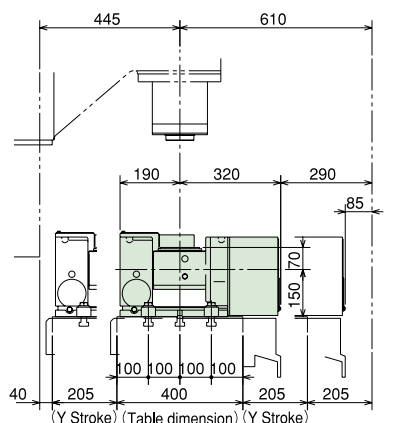
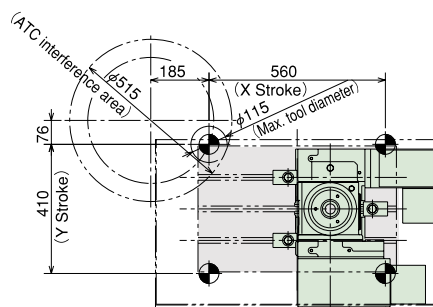


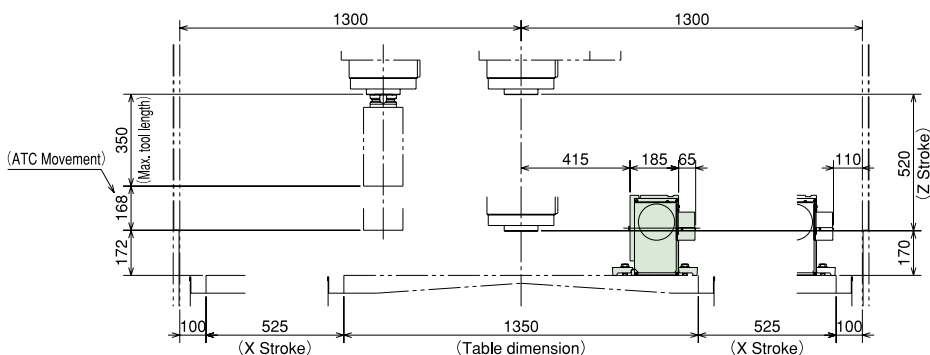
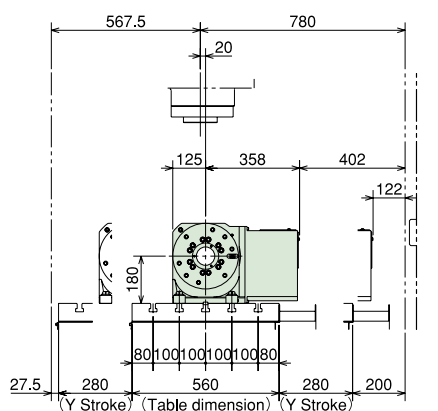
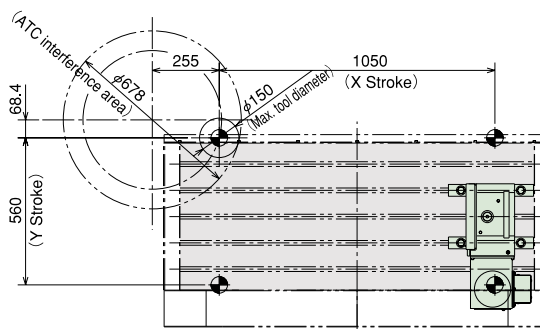


■ TMX200B***

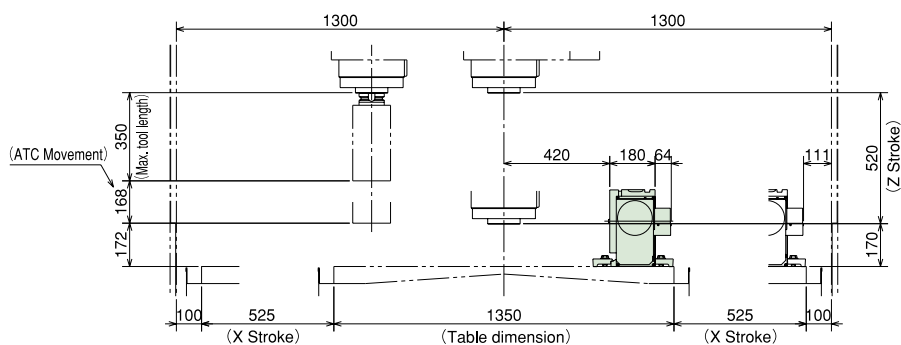
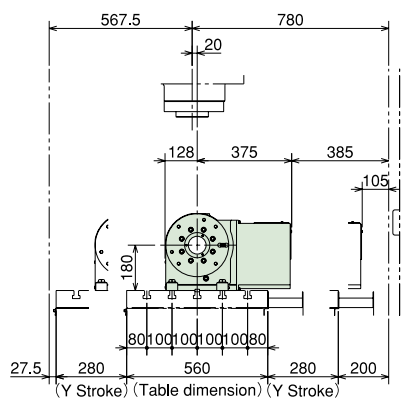
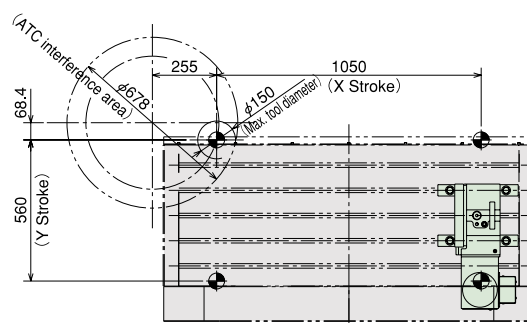


■ TT120A****



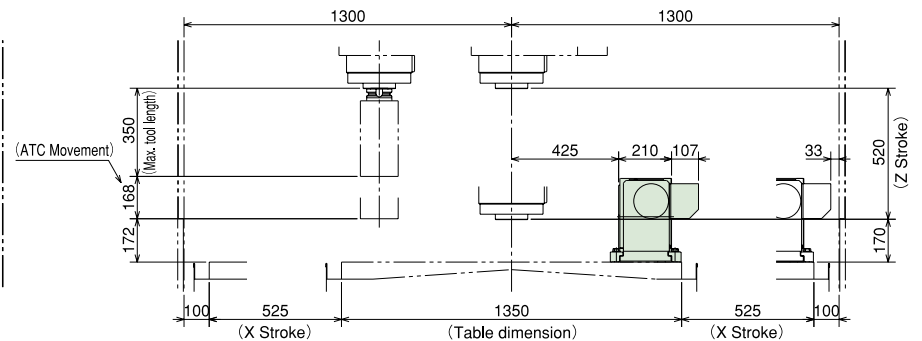
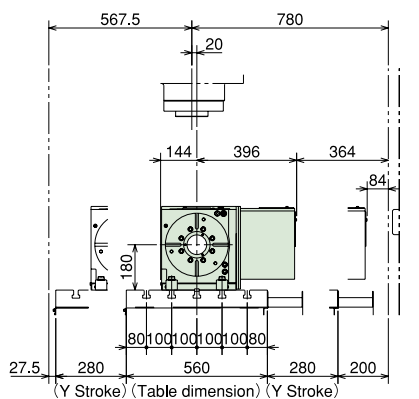
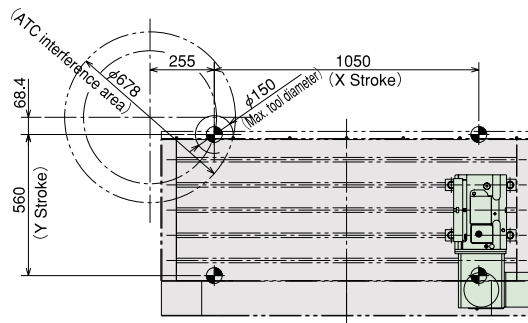


A large industrial NC rotary table, model 637, is shown. It features a heavy-duty cast iron base and a large circular table with multiple mounting holes. A purple protective cover is partially visible on the right side, bearing the Kitawaka logo and the text "KITAWAKA NC ROTARY TABLE".

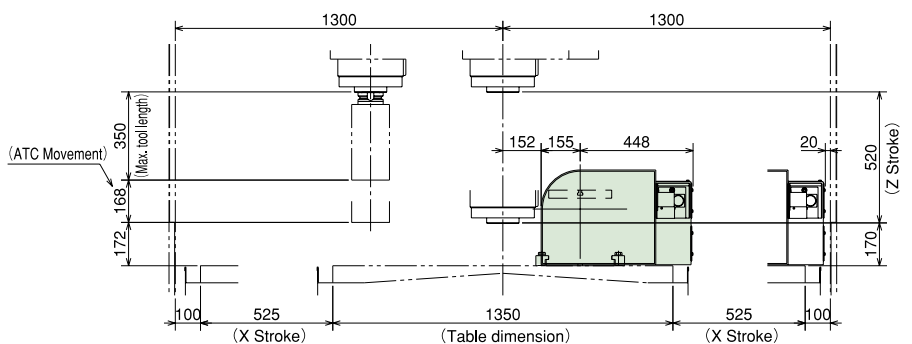
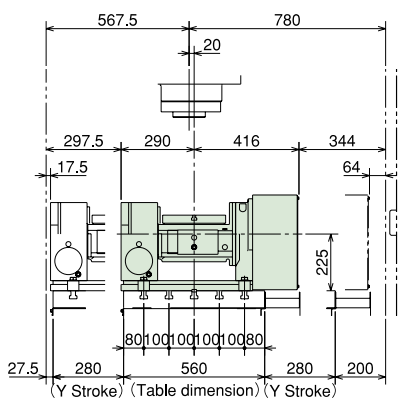
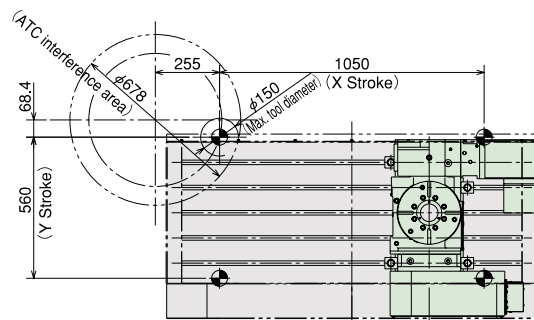




■ TMX250B***



■ TT251H****

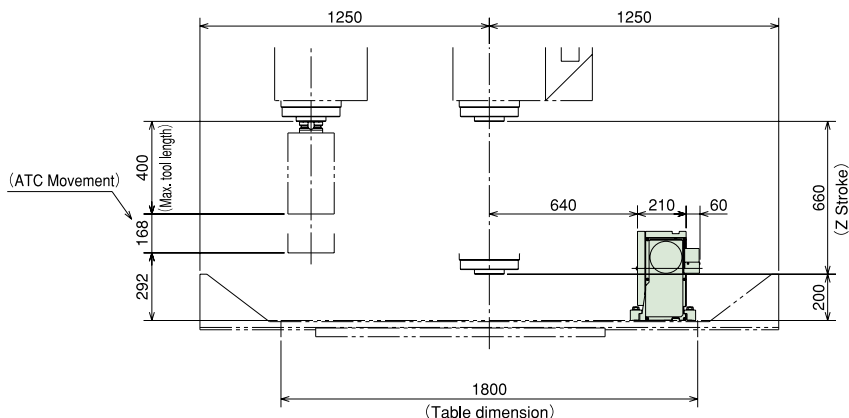
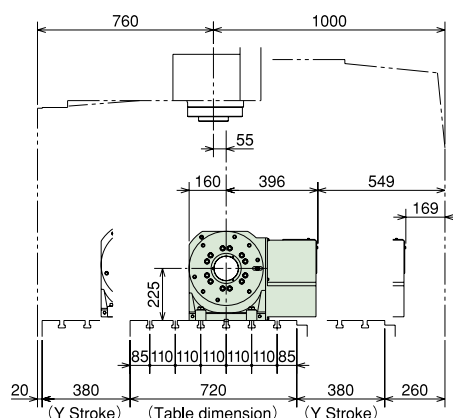
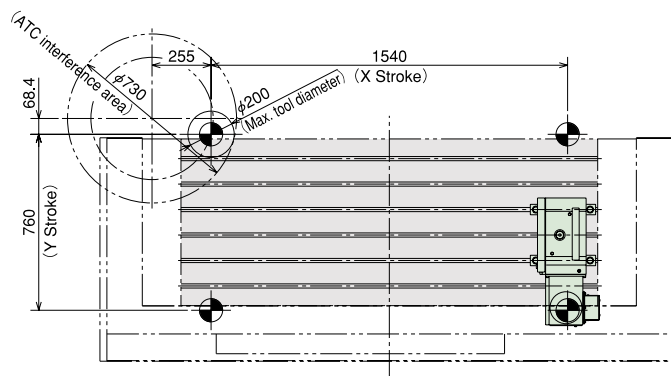




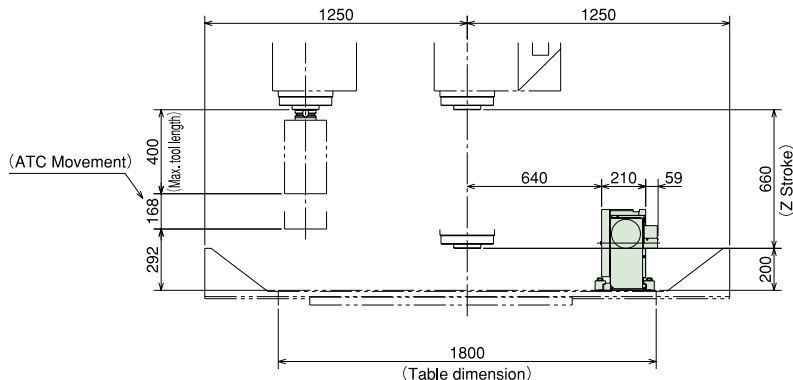
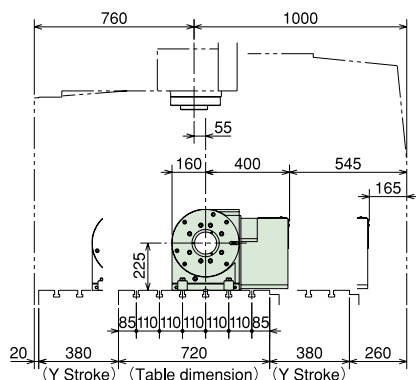
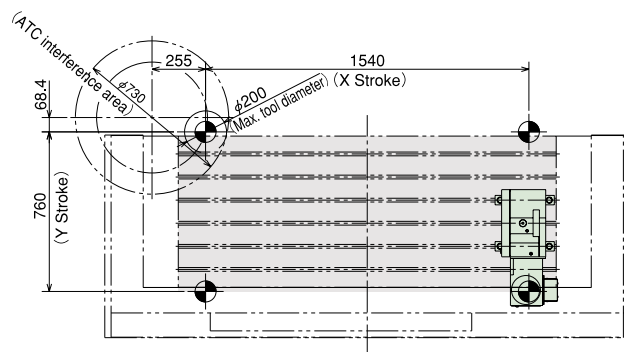
Vertical Machining Centers

MILLAC Series MILLAC 761V

GT320RA***

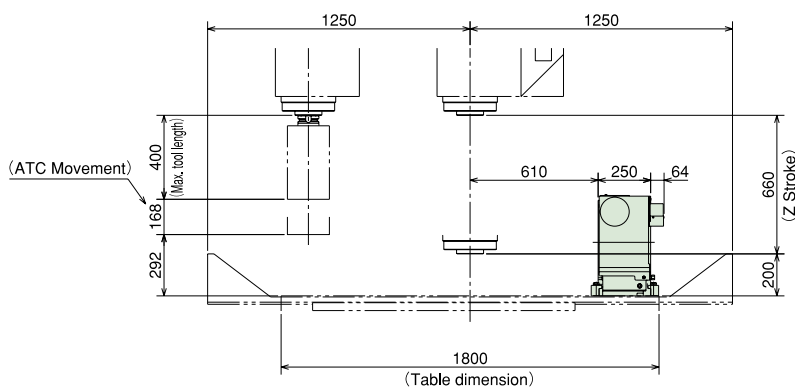
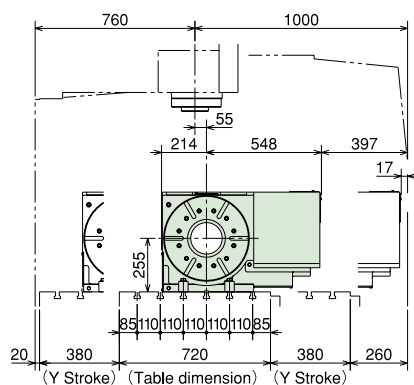
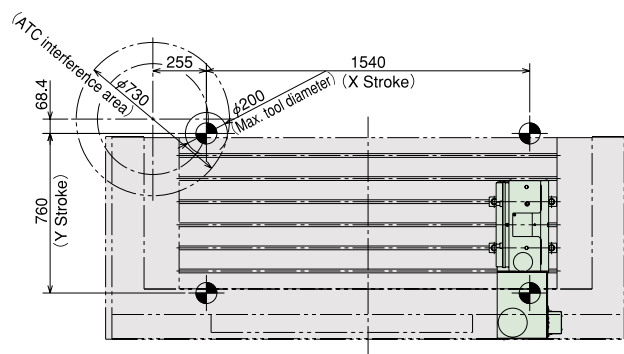
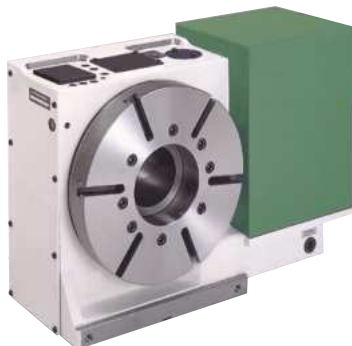


MR320RA***

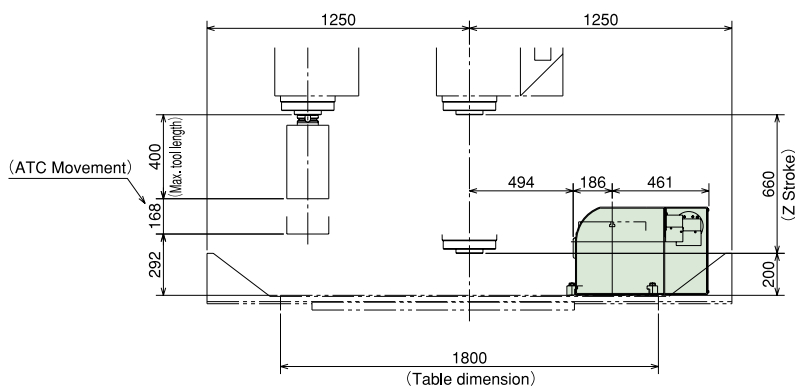
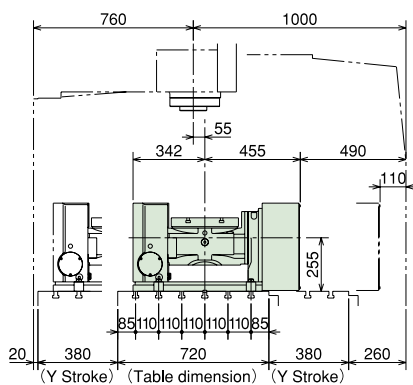
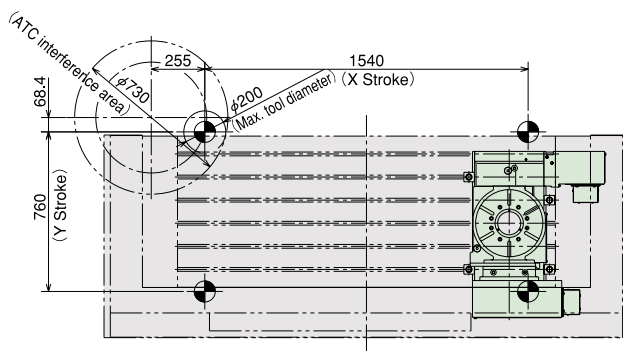




TR400H2***



TT321H****





NC ROTARY
TABLE

NC ROTARY TABLE OPTION

Tailstock

[Manual]

- Clamp handle can be installed on left or right side
- Notch type hand wheel



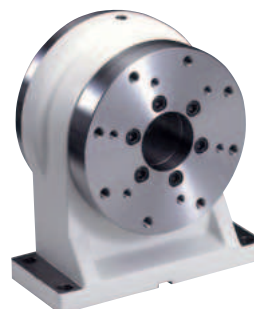
[Pneumatic / Hydraulic]

- Stroke confirmation on cylinder
- Easily exchangeable quill-type centre
- Equipped with a proximity switch for position confirmation



Tail Spindle

- Clamping mechanism spec
(Heavy duty tailstock with Disk clamping)
- Non clamping mechanism spec
- Suitable for supporting many types of jig



Rotary Joint

- Built in rotary joint reduces supply block projection
- External rotary joint allows many ports
- Provides air or hydraulic pressure from the rear of the table to a fixture

