

NTC series

High Efficiency CNC Turning Center



NTC series

High Efficiency CNC Turning Center

Design of utmost performance modular, NTC series provides the best solution in diverse complex machining. Featuring multiple valuable functionality, NTC is suitable for applications in IT electronics, automotive and machinery parts. To meet various customer demands, it's flexible to choose suitable turrets for spindle, tailstock or sub-spindle that greatly increases production efficiency.



	NTC-1600(M)/1600L(M)	NTC-1600Y/LY	NTC-2000(M)/2000L(M)	NTC-2000Y/LY
Chuck Size	6"		8"	
TRAVEL				
X-axis Travel	175(160+15) mm 6.89"(6.3"+0.59")			
Z-axis Travel	320/650 mm 12.6"/25.59"	240/570 mm 9.45"/22.44"	320/650 mm 12.6"/25.59"	240/570 mm 9.45"/22.44"
Y-axis Travel	-	90 mm(+50/-40) mm 3.54"(+1.97"/-1.57")	-	90 mm(+50/-40) mm 3.54"(+1.97"/-1.57")
B-axis Travel ^(*)	320/650 mm 12.6"/25.59"		320/650 mm 12.6"/25.59"	
FEEDRATE				
X-axis Rapid Feedrate	30 m/min. 1181 ipm			
Z-axis Rapid Feedrate	36 m/min. 1417 ipm			
Y-axis Rapid Feedrate	-	9 m/min. 354 ipm	-	9 m/min. 354 ipm
B-axis Rapid Feedrate ^(*)	20 m/min. 787 ipm			
Cutting Feedrate (X,Y,Z,B)	1~10,000 mm/min. 0.04~394 ipm			

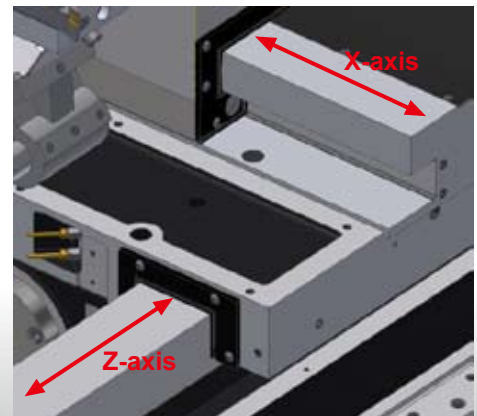
Remark^(*) :The dimension or data of the servo tail stock. The servo tail stock is an option.

Superb Body Structure

- The cross type ribs inside the base with box way design on Z/X-axis strengthens rigidity and damping capacity, and provides the best rigidity and accuracy for the machine.
- Durable Meehanite casting is adopted to simulate the structural deformation of the body under various conditions, integrated with YCM hand scrapping skills for box guideways, which ensures the best accuracy and life.



- Cross type ribs inside the base and robot interface preparation



- Turcite-B design on X/Z-axis strengthens rigidity and damping capacity reducing vibration

High Precision Spindle

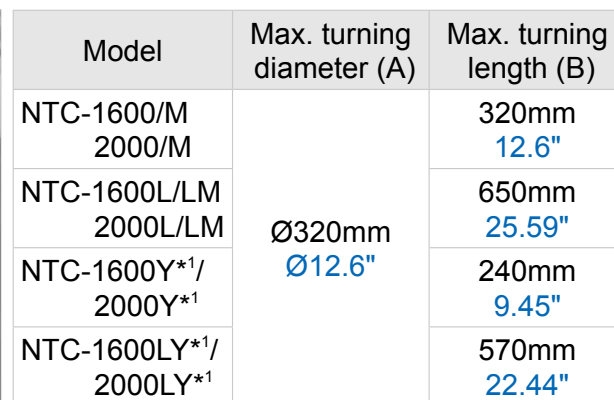
- Hole through draw bar for bars of Ø65mm (8") & Ø51mm (6").
- High precision spindle: angular contact ball bearings with roller bearing.
- The labyrinth design prevents coolant go into spindle.
- The spindle equipped with position encoder or angle encoder to detect speed and position.
- High resolution angle encoder with high indexing accuracy of C-axis.

Model	Chuck Size	Spindle Speed	Main spindle motor power	Max. spindle torque	C-axis
NTC-1600/L	6"	6,000 rpm	11 /15 kw 15/20 HP	13 kgf-m 94.03 lbf-ft	Position Encoder
NTC-1600M/LM/Y/LY					Angle Encoder
NTC-2000/L	8"	5,000 rpm	18.5 /22 kw 25/30 HP	20 kgf-m 144.66 lbf-ft	Position Encoder
NTC-2000M/LM/Y/LY					Angle Encoder



- Position encoder

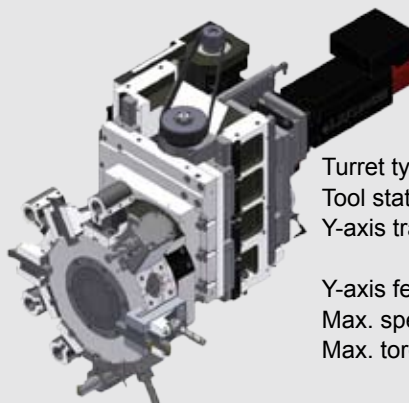
High Performance Axial Movement



*1 Select Y-axis turret

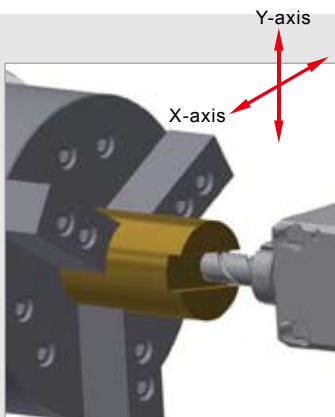
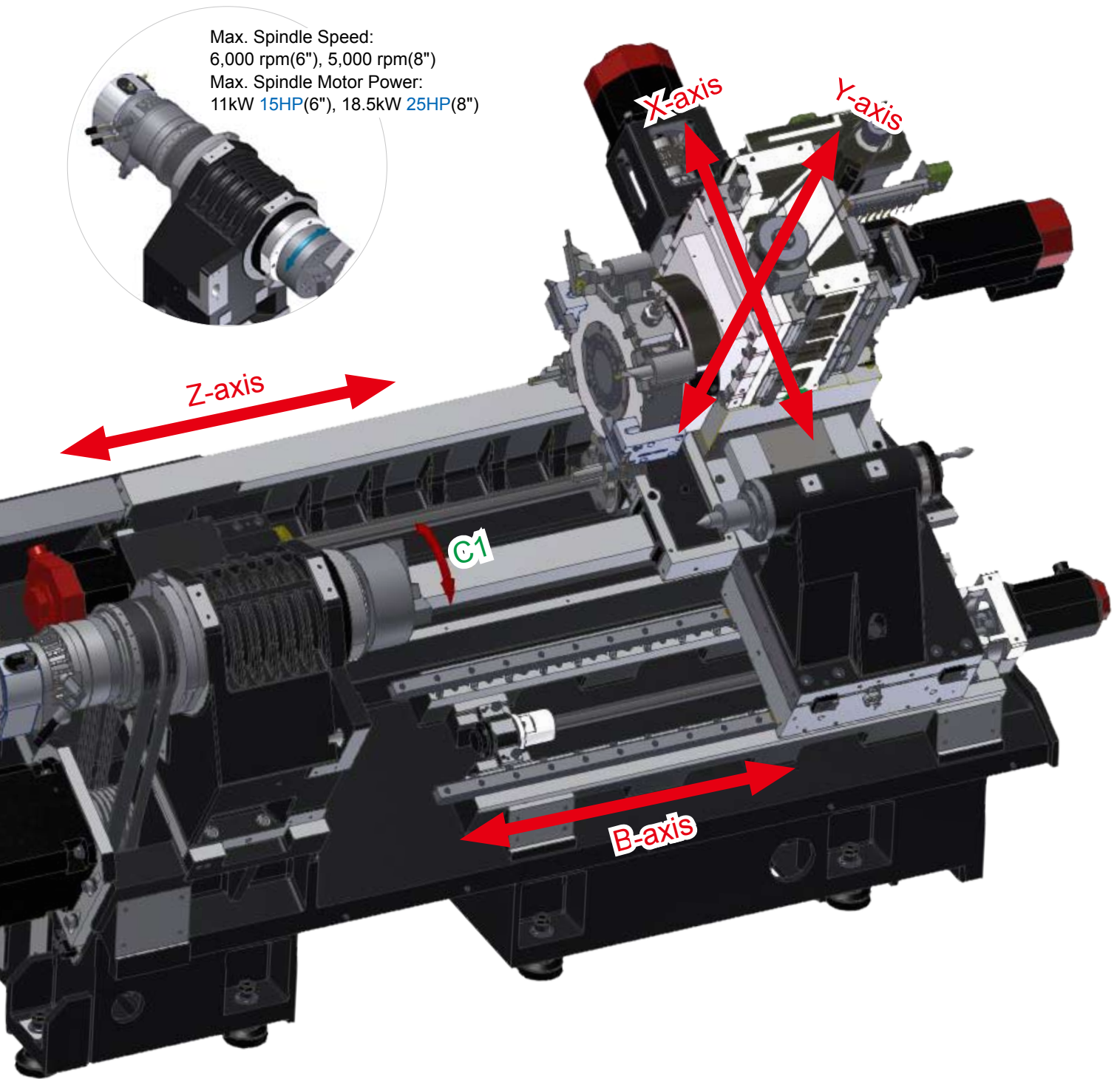
High Performance Y-axis Complex Machining

Integrated Y-axis function with live tooling turret for X, Y, Z feeding, which is best for complex machining. The orthogonal Y-axis is designed for maintaining machining accuracy.

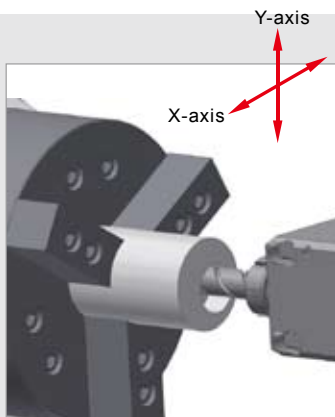


Turret type : BMT 55
Tool station : 12T
Y-axis travel : 90mm(+50/-40)
3.54"(+1.97"/-1.57")
Y-axis feedrate : 9 m/min 354 ipm
Max. speed : 4000rpm
Max. torque : 4.8kgf-m 34.72 lbf-ft

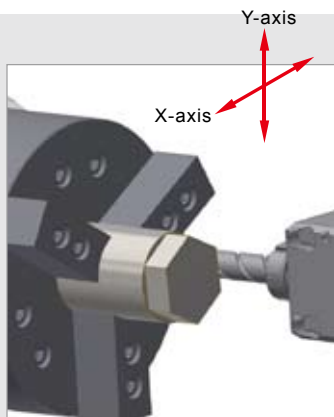
Max. Spindle Speed:
6,000 rpm(6"), 5,000 rpm(8")
Max. Spindle Motor Power:
11kW **15HP**(6"), 18.5kW **25HP**(8")



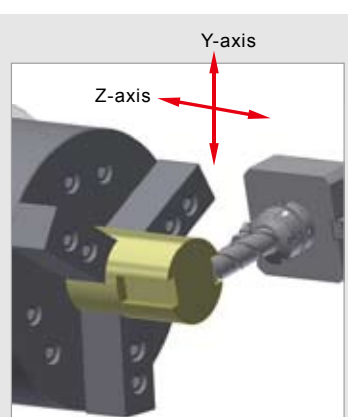
■ On-center face grooving



■ X+Y axis circular interpolation



■ Poly-side machining

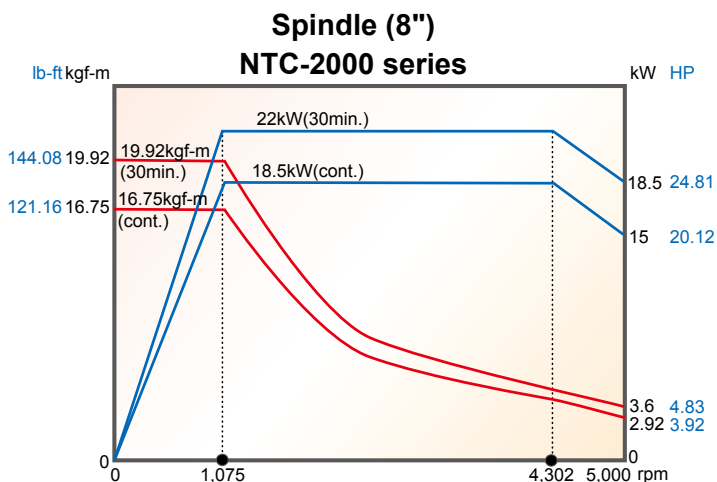
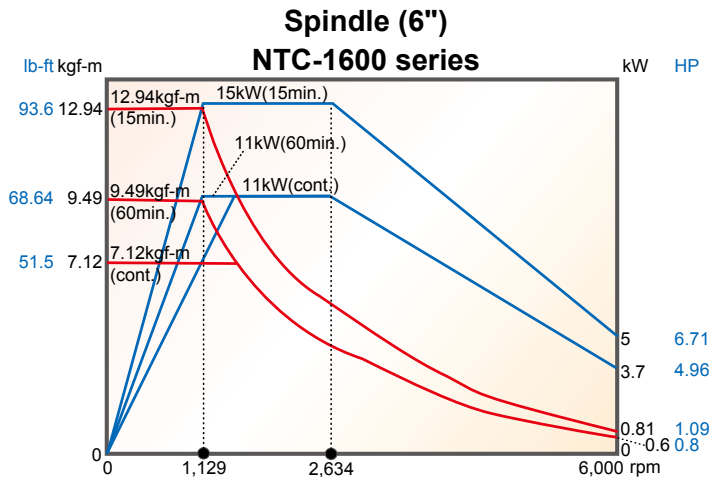


■ Off-center side grooving

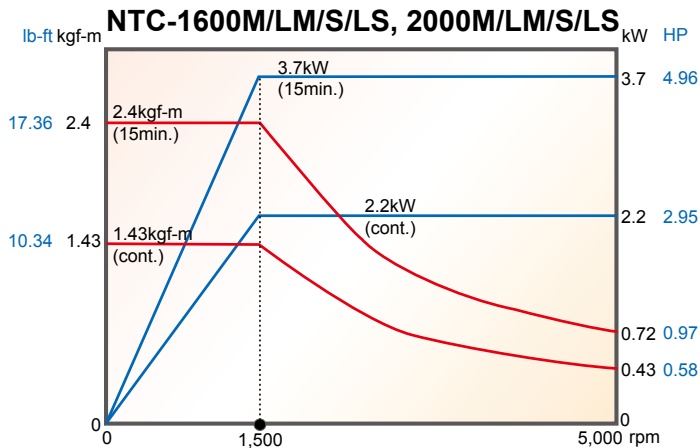
POWER CHART

POWER

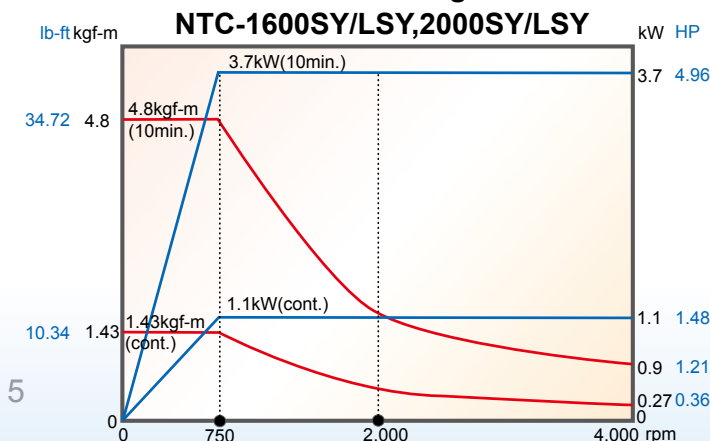
TORQUE



Live Tooling



Live Tooling



CUTTING CAPACITY

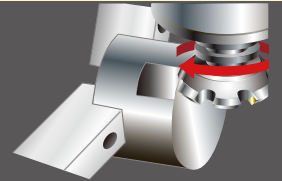
NT-1600LM

RADIAL FACE MILL

S45C Steel

Depth of Cut

1
mm



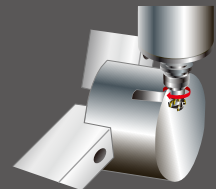
Tool $\phi 63$ mm x 5T
Spindle Speed 1,500 rpm
Feedrate 1,500 mm/min.
Cutting Speed 296 m/min.

AXIAL END MILL

S45C Steel

Depth of Cut

2
mm



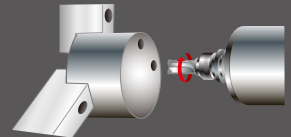
Tool $\phi 16$ mm x 4T
Spindle Speed 1,500 rpm
Feedrate 600 mm/min.
Cutting Speed 75 m/min.

AXIAL DRILL

S45C Steel

Cutter Diameter

$\phi 16$
mm



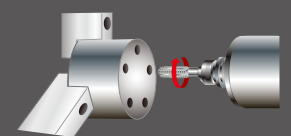
Spindle Speed 500 rpm
Feedrate 80 mm/min.
Cutting Speed 25 m/min.
Depth of Cut 24 mm

TAP

S45C Steel

Tapping

M10



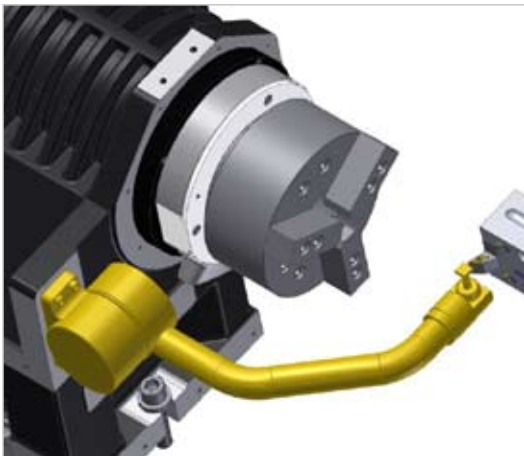
Tool M10 x 1.5P
Spindle Speed 160 rpm
Feedrate 240 mm/min.
Cutting Speed 5 m/min.

Tailstock

In addition to manual tail stock, programmable tail stock, servo tail stock and sub-spindle are selectable.

Model	NTC-1600/M/Y, NTC-1600L/LM/LY NTC-2000/M/Y, NTC-2000L/LM/LY		
	Manual (std.)	Programmable (opt.)	Servo (opt.)
Tailstock Type			
Tailstock Driven	Saddle traction (Manual)	Saddle traction (Automatic)	Servo motor
Quill Stroke	100mm 3.94"	100mm 3.94"	0mm 0"
Quill Taper	MT-4		
Center	Rotary type		

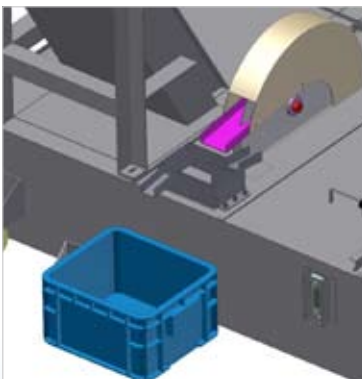
Assessories (Opt.)



■ Automatic tool length measurement (HPMA)



■ Manual tool length measurement (HPRA)



■ Oil Mist Collector



■ Oil Skimmer



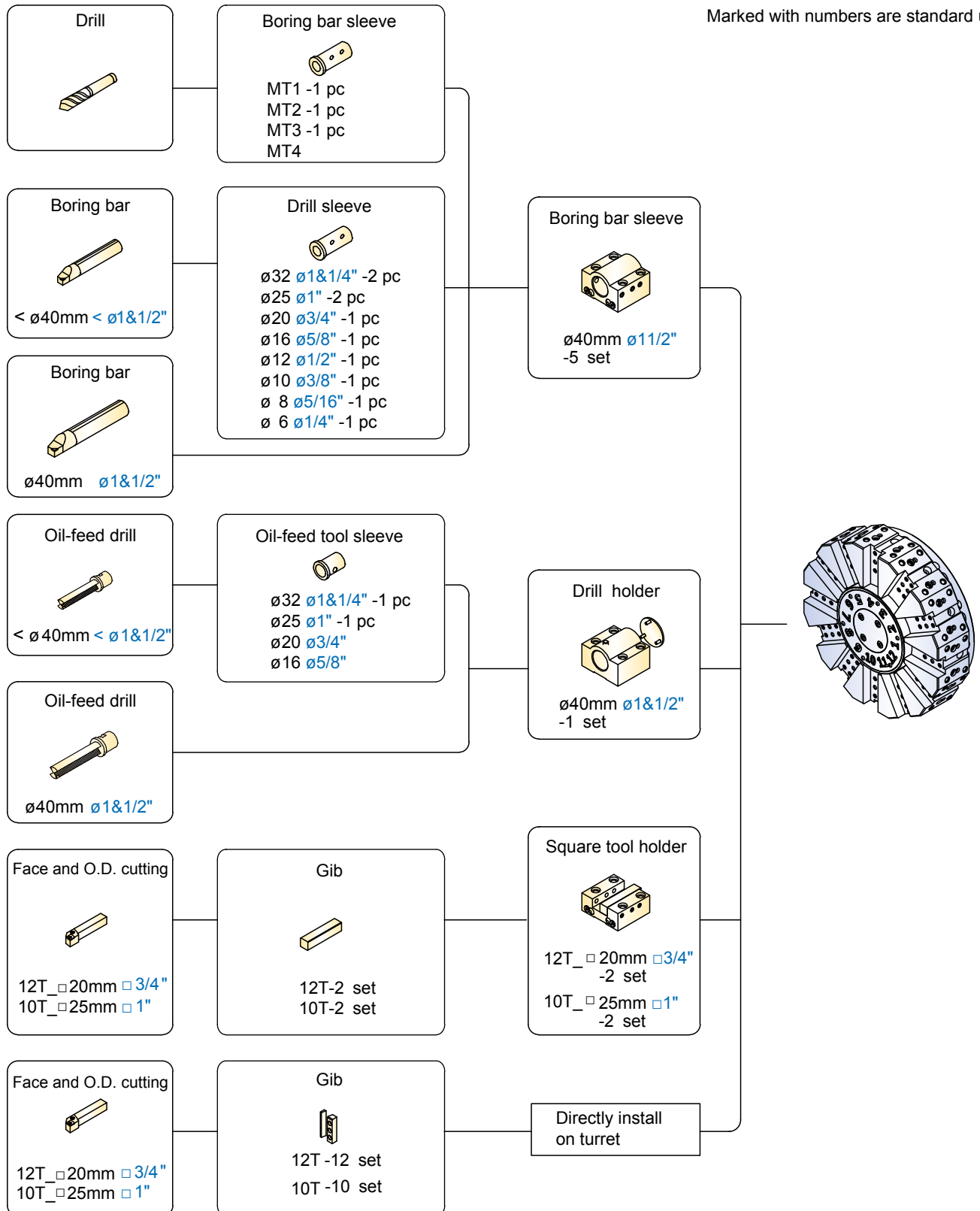
■ Automatic Parts Catcher

TOOLING CHART

Unit: mm [inch](#)

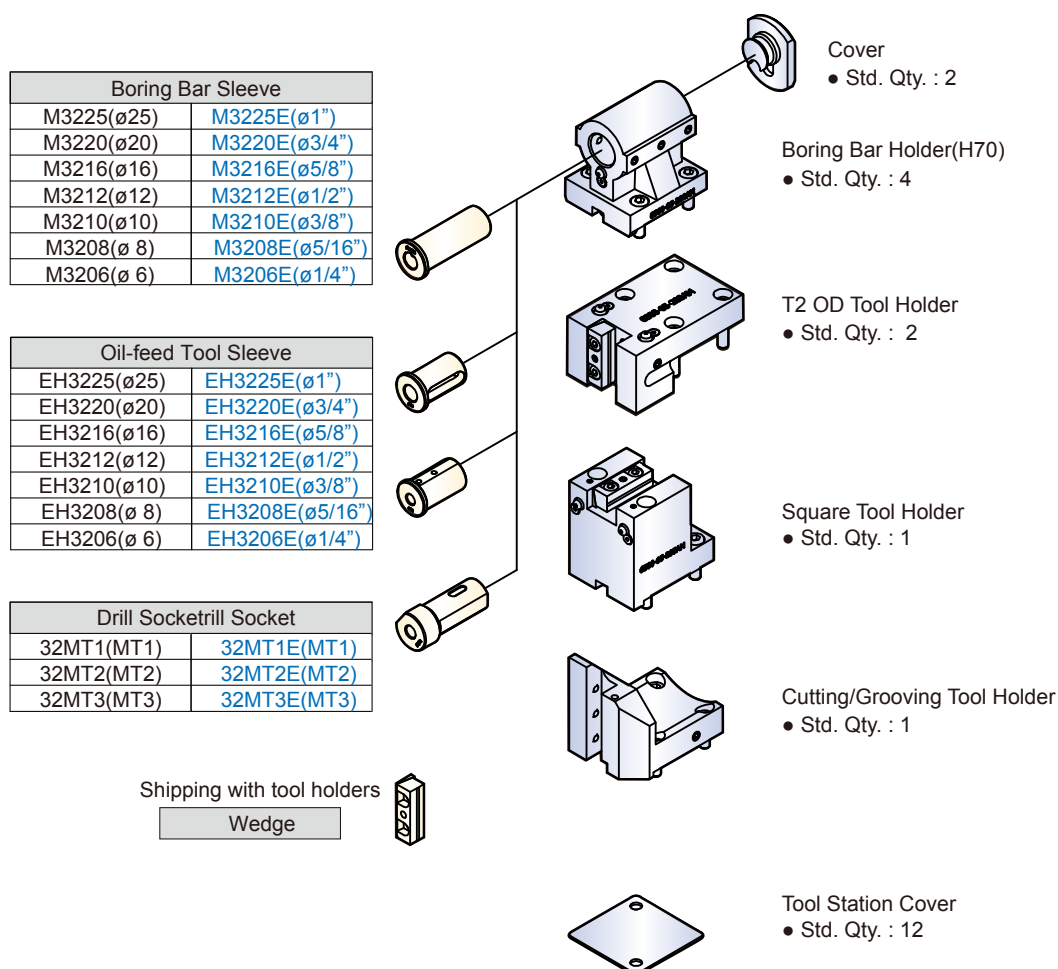
Normal Turret

Marked with numbers are standard units

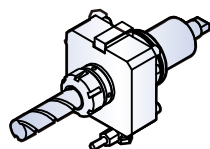


BMT 55_12T Turret

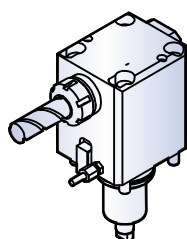
Standard: Each sleeve size for one unit



Option



Axial Milling Drilling Head
DW230-DA55-25_External
DW230-CW-DA55-25_Internal



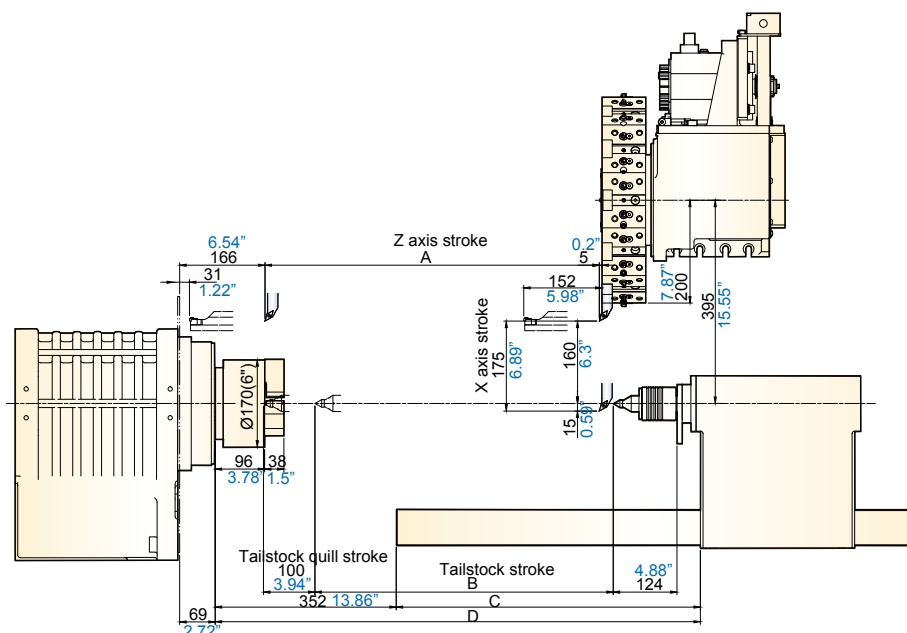
90°Radial Milling Drilling Head
DW230-DF-25-85_External
DW230-CW-DF-25-85_Internal



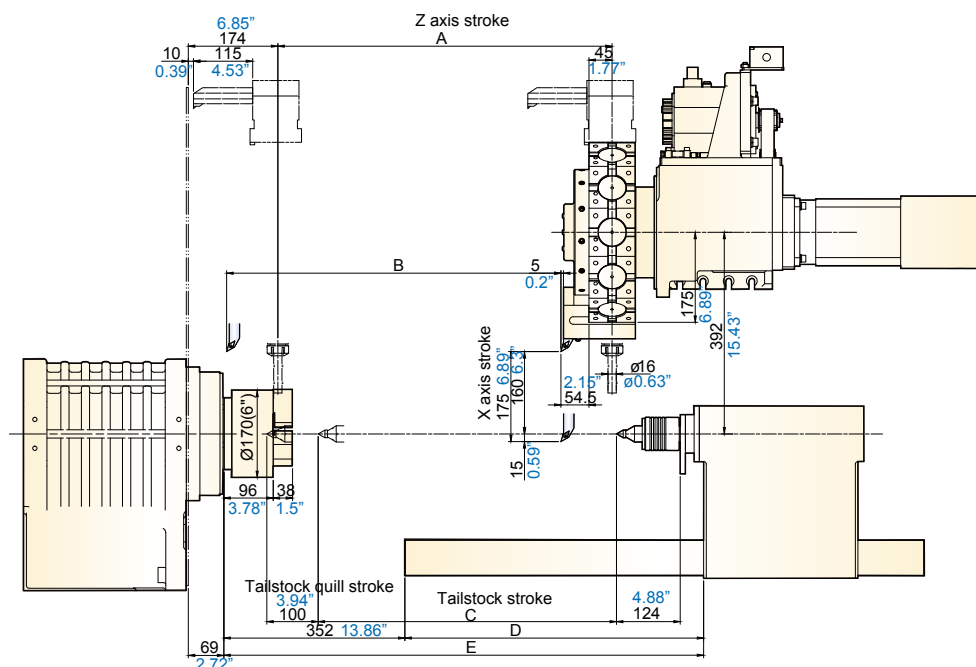
Collet (DIN6499)
34403(3~2mm)
34404(4~3mm)
34405(5~4mm)
34406(6~5mm)
34407(7~6mm)
34408(8~7mm)
34409(9~8mm)
34410(10~9mm)
34411(11~10mm)
34412(12~11mm)
34413(13~12mm)
34414(14~13mm)
34415(15~14mm)
34416(16~15mm)

Unit: mm **inch**

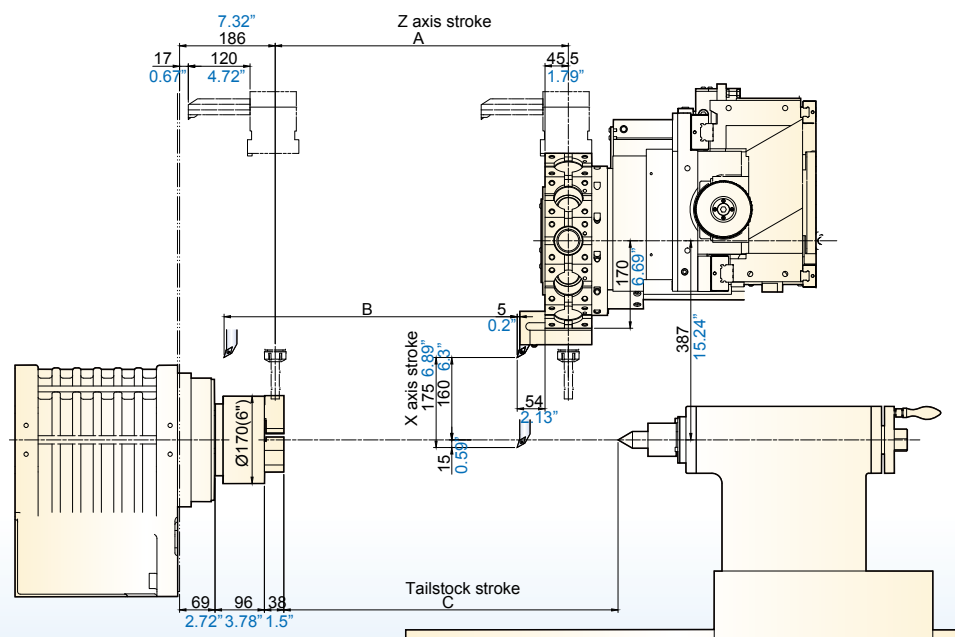
	2-axis	L
A	320 12.6"	650 25.59"
B	250 9.84"	580 22.83"
C	261.5 10.30"	591.5 23.29"
D	613.5 24.15"	943.5 37.15"



	M	LM
A	320 12.6"	650 25.59"
B	320 12.6"	650 25.59"
C	250 9.84"	580 22.83"
D	251 9.88"	581 22.87"
E	603 23.74"	933 36.73"



	Y	LY
A	240 9.45"	570 22.44"
B	240 9.45"	570 22.44"
C	320 12.6"	650 25.59"

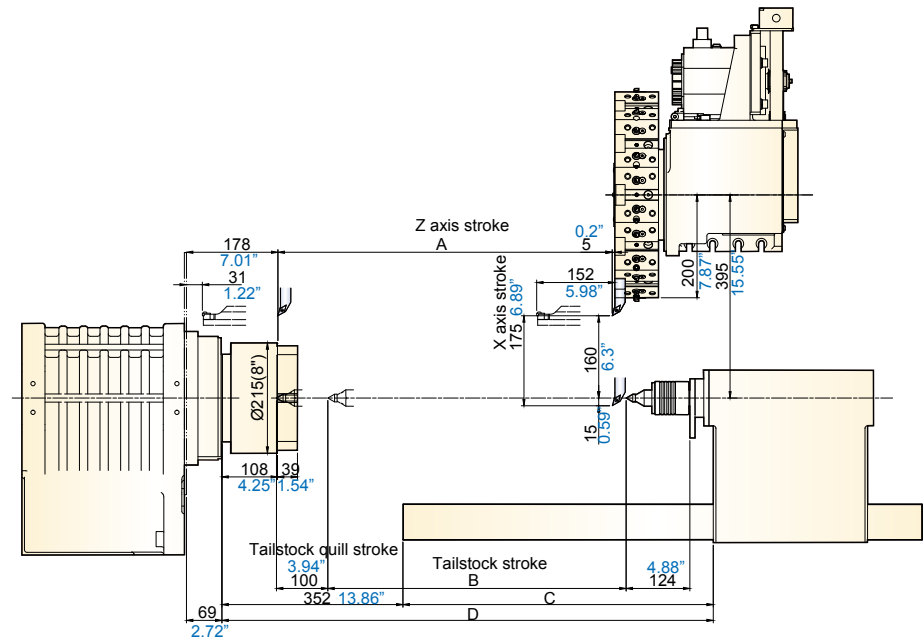


WORKING CAPACITY

Unit: mm inch

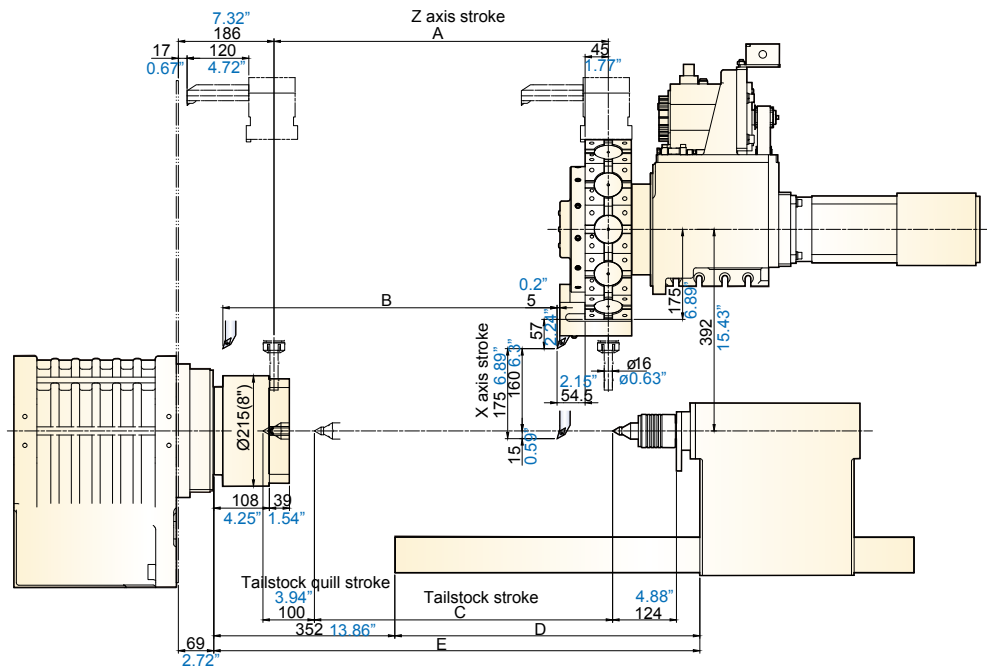
NTC-2000/L

	2-axis	L
A	320 12.6"	650 25.59"
B	250 9.84"	580 22.83"
C	273.5 10.77"	603.5 23.76"
D	625.5 24.63"	955.5 37.62"



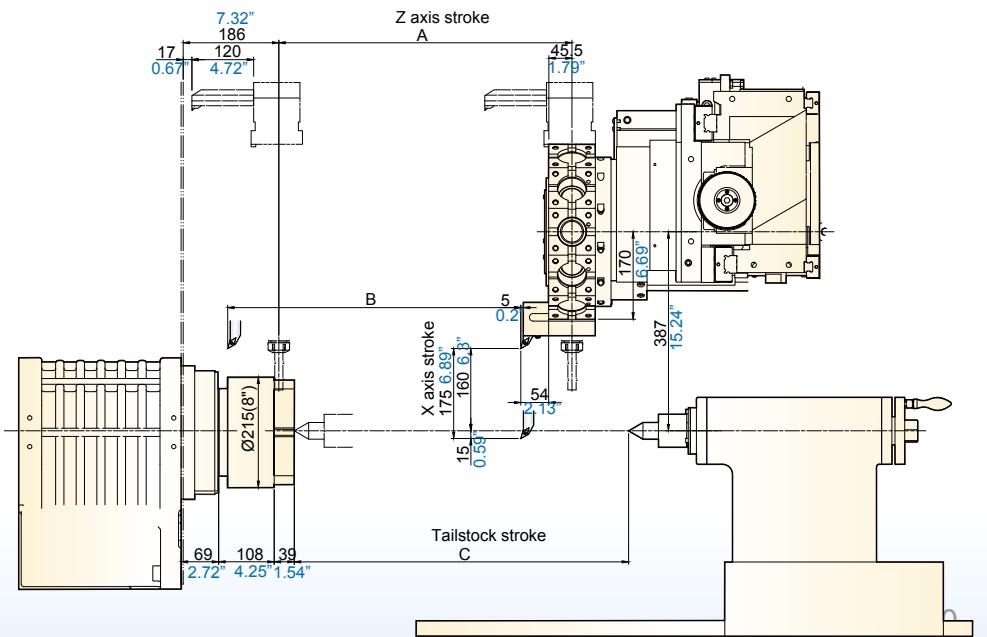
NTC-2000M/LM

	M	LM
A	320 12.6"	650 25.59"
B	320 12.6"	650 25.59"
C	250 9.84"	580 22.83"
D	263 10.35"	593 22.35"
E	615 24.21"	945 37.2"



NTC-2000Y/LY

	Y	LY
A	240 9.45"	570 22.44"
B	240 9.45"	570 22.44"
C	320 12.6"	650 25.59"



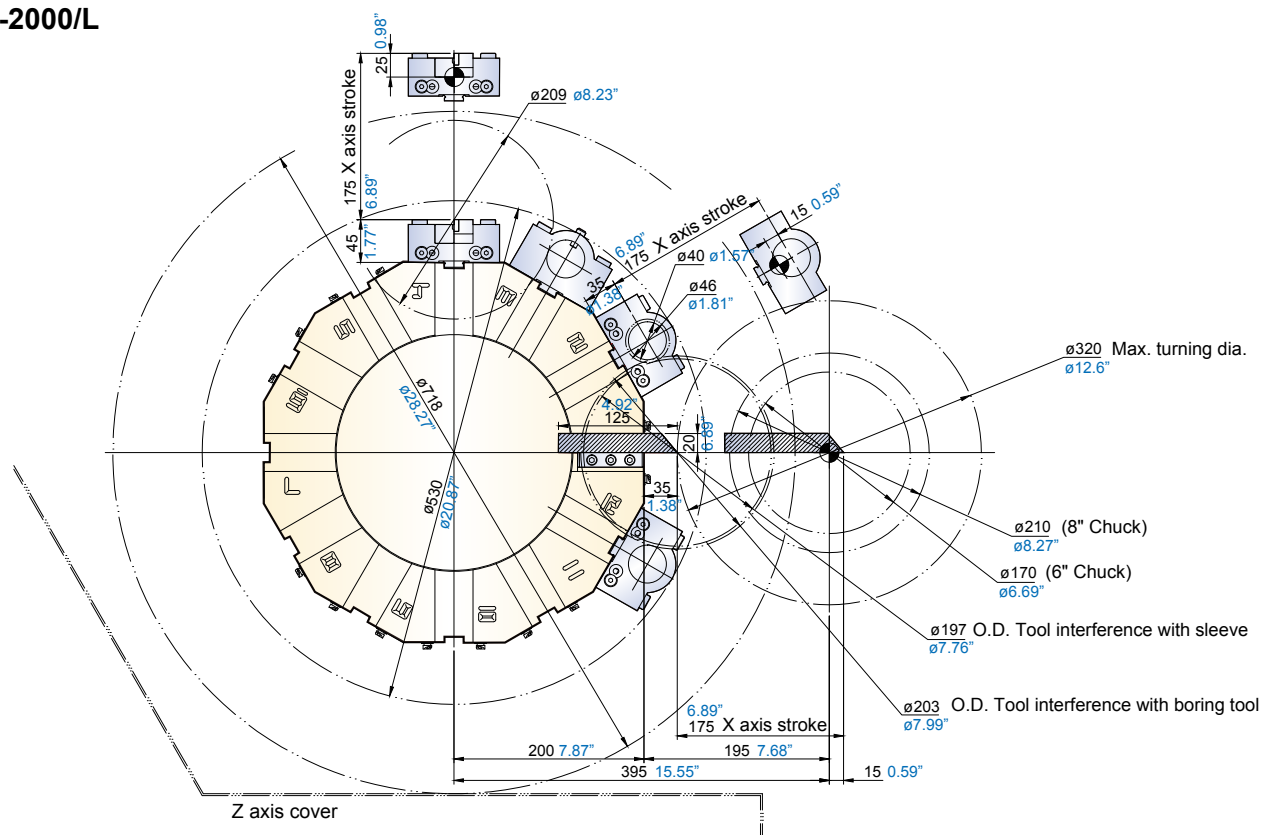
TOOL INTERFERENCE

Unit: mm **inch**

■ EWS Normal Turret

NTC-1600/L

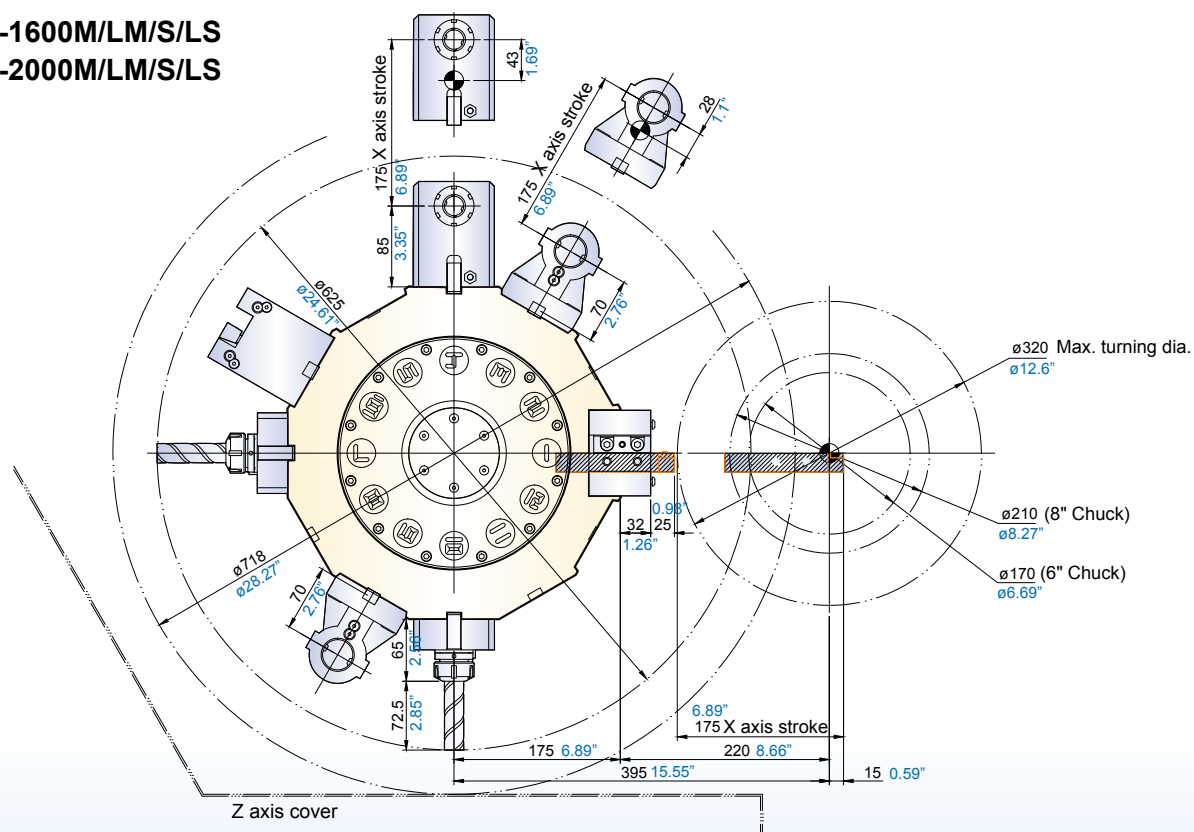
NTC-2000/L



■ EWS Power Turret

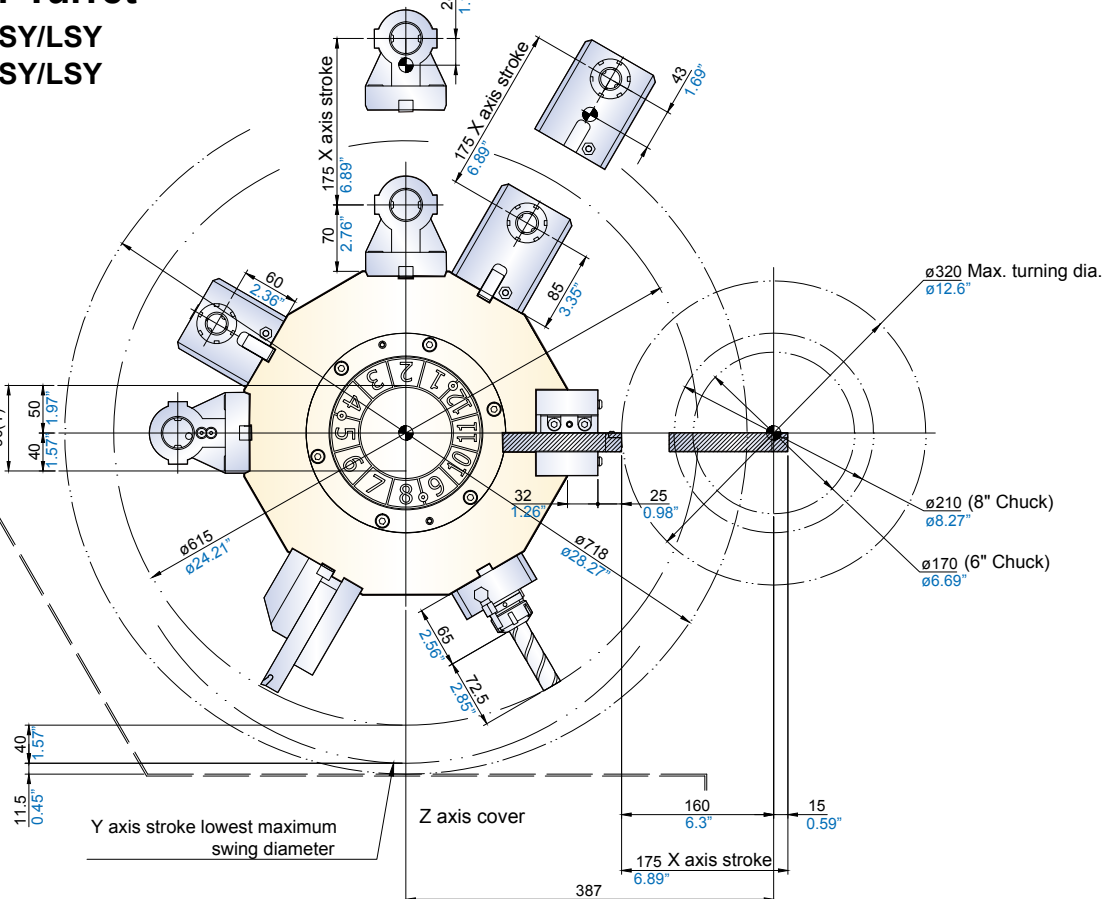
NTC-1600M/LM/S/LS

NTC-2000M/LM/S/LS



NTC-1600Y/LY/SY/LSY

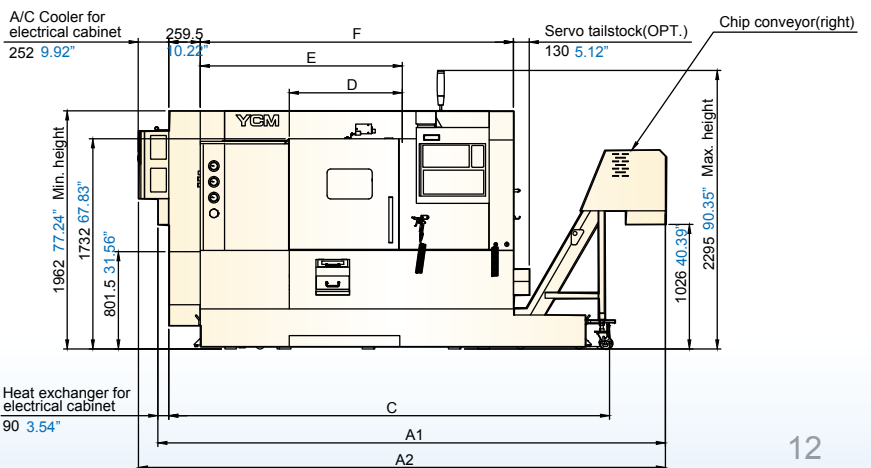
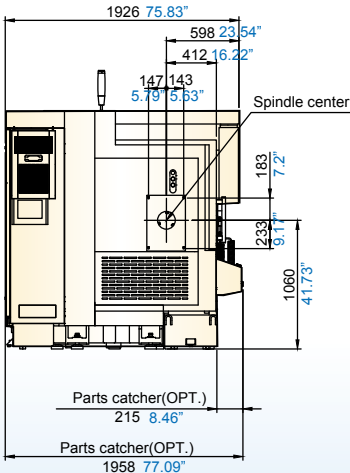
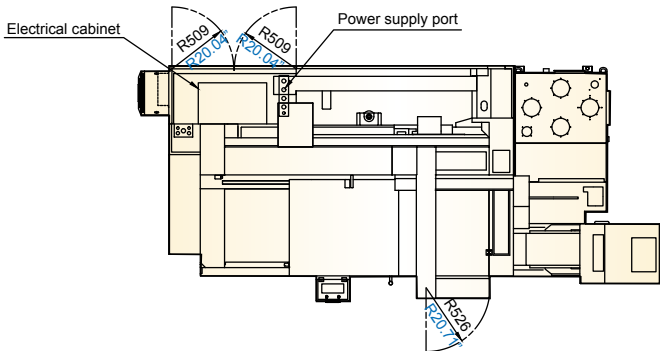
NTC-2000Y/LY/SY/LSY



DIMENSIONS

Unit: mm **inch**

	NTC	
	1600/M 2000/M	1600L/LM/LY 2000L/LM/LY
A1	3902 153.62"	4182 164.65"
A2	4065 160.04"	4342 170.94"
C	3352 131.97"	3632 142.99"
D	775 30.51"	931 36.65"
E	1508.5 59.39"(Max.), 931 36.65"(Min.)	1664.5 65.53"(Max.), 939.5 36.99"(min.)
F	2305 90.75"	2580.5 101.59"



SPECIFICATION

	NTC-1600/L	NTC-1600M/LM	NTC-1600S/LS	NTC-1600Y/LY	NTC-1600SY/LSY
MACHINING CAPACITY					
Chuck Size	6"				
Swing Over Bed	ø710 mm ø27.95"				
Swing Over Carriage	ø545 mm ø21.46"				
Max. Turning Diameter	ø320 mm ø12.6"				
Max. Turning Length	320/650 mm 12.6"/25.59"			240/570 mm 9.45"/22.44"	
Distance between End Face of the Spindle	585/915 mm 23.03"/36.02"		596/926 mm 23.46"/36.46"	585/915 mm 23.03"/36.02"	596/926 mm 23.46"/36.46"
Height from the Ground to Spindle	1060 mm 41.73"				
MAIN SPINDLE					
Spindle Nose	A2-5				
Spindle Inner Taper	0°				
Front Bearing Inner Diameter	ø100 mm ø3.94"				
Hole Through Spindle	ø62 mm ø2.44"				
Hole Through Draw Bar	ø52 mm ø2.05"				
Spindle Speed	6000 rpm				
Max.Spindle Torque	13 kgf-m 94.03 lbf-ft				
C1-axis Index Accuracy	-			0.001°	
SUB SPINDLE					
Spindle Nose	-	-	A2-5	-	A2-5
Spindle Inner Taper	-	-	0	-	0
Front Bearing Inner Diameter	-	-	ø90 mm ø3.54"	-	ø90 mm ø3.54"
Hole Through Spindle	-	-	ø55 mm ø2.17"	-	ø55 mm ø2.17"
Hole Through Draw Bar	-	-	ø45 mm ø1.77"	-	ø45 mm ø1.77"
Spindle Speed	-	-	6000 rpm	-	6000 rpm
Max.Spindle Torque	-	-	9.52 kgf-m 68.86 lbf-ft	-	9.52 kgf-m 68.86 lbf-ft
C1-axis Index Accuracy	-	-	0.001°	-	0.001°
TRAVEL					
X-axis Travel	175(160+15) mm 6.89"(6.3"+0.59")				
Z-axis Travel	320/650 mm 12.6"/25.59"			240/570 mm 9.45"/22.44"	
Y-axis Travel	-	-	-	90 (+50/-40) mm 3.54"(+1.97"/-1.57")	
B-axis Travel	320/650 mm ^(*) 12.6"/25.59" ^(*)		320/650 mm 12.6"/25.59"	320/650 mm ^(*) 12.6"/25.59" ^(*)	320/650 mm 12.6"/25.59"
FEEDRATE					
X-axis Rapid Feedrate	30 m/min. 1181 ipm				
Z-axis Rapid Feedrate	36 m/min. 1417 ipm				
Y-axis Rapid Feedrate	-	-	-	9 m/min. 354 ipm	
B-axis Rapid Feedrate	20 m/min. ^(*) 787 ipm ^(*)		20 m/min. 787 ipm	20 m/min. ^(*) 787 ipm ^(*)	20 m/min. 787 ipm
Cutting Feedrate (X,Y,Z,B)	1~10,000 mm/min. 0.04~394 ipm				
MOTOR					
Main Spindle Motor	11/15 kW 15/20 HP				
Sub Spindle Motor	-	-	7.5/11 kW 10/15 HP	-	7.5/ 11 kW 10/15 HP
Axial Motor (X,Z)	3 kW 4 HP				
Axial Motor (Y)	-	-	-	2.5 kW 3.4 HP	
Axial Motor (B)	2.7 kW ^(*) 3.6 HP ^(*)		2.7 kW 3.6 HP	2.7 kW ^(*) 3.6 HP ^(*)	2.7 kW 3.6 HP
Turret Motor	1.2 kW 1.6 HP			2.5 kW 3.4 HP	
Live Tool Motor	-	2.2/3.7 kW 3/5 HP		1.1/3.7 kW 1.5/5 HP	
TURRET					
Turret Type	Normal Servo Turret	BMT55			
Number of Tools	12T				
Shank Height for Square Tool	□20 mm □3/4"				
Shank Dia. for Boring Bar	ø40 mm ø1&1/2"	ø32 mm ø1&1/4"			
Live Tool Motor Speed	-	100~5000 rpm		100~4000 rpm	
Live Tool Motor Torque	-	2.4 kgf-m 17.36 lbf-ft		4.8 kgf-m 34.72 lbf-ft	
Swing Over Turret	ø490 mm ø19.29" (LIO SHING) ø530 mm ø20.87" (EWS)	ø625 mm ø24.61"		ø615 mm ø24.21"	
TAIL STOCK					
Guide Type	Lock Steel Guide/Linear Guide ^(*)		-	Lock Steel Guide/ Linear Guide ^(*)	-
Moving Type	Manual/Programmable/Servo		-	Manual/ Programmable/Servo	-
Quill Diameter	ø75/ø90 mm ^(*) ø2.95"/ø3.54" ^(*)		-	ø75/ø90 mm ^(*) ø2.95"/ø3.54" ^(*)	-
Quill Taper	MT-4		-	MT-4	-
Quill Stroke	100/0 mm ^(*) 3.94"/0" ^(*)		-	100/0 mm ^(*) 3.94"/0" ^(*)	-
Stroke	250/580 mm 9.84"/22.83"		-	250/580 mm 9.84"/22.83"	-
GENERAL					
Power Consumption	32(40) kVA	35(40) kVA	50(65) kVA	37(40) kVA	52(65) kVA
Machine Weight	4200/4600kg	4200/4720kg			
Floor Space	3902x1926x2295 mm 153.62"x75.83"x90.35" 4182x1926x2295 mm 164.65"x75.83"x90.35"				

Remark^(*) :The dimension or data of the servo tail stock. The servo tail stock is an option.

Note: The manufacturer reserves the right to modify the design, specifications, mechanisms, etc., to improve the performance of the machine without notice. All the specifications shown above are just for reference.

	NTC-2000/L	NTC-2000M/LM	NTC-2000S/LS	NTC-2000Y/LY	NTC-2000SY/LSY
MACHINING CAPACITY					
Chuck Size	8"				
Swing Over Bed	ø710 mm ø27.95"				
Swing Over Carriage	ø545 mm ø21.46"				
Max. Turning Diameter	ø320 mm ø12.6"				
Max. Turning Length	320/650 mm 12.6"/25.59"			240/570 mm 9.45"/22.44"	
Distance between End Face of the Spindle	585/915 mm 23.03"/36.02"		596/926 mm 23.46"/36.46"	585/915 mm 23.03"/36.02"	596/926 mm 23.46"/36.46"
Height from the Ground to Spindle	1060 mm 41.73"				
MAIN SPINDLE					
Spindle Nose	A2-6				
Spindle Inner Taper	0				
Front Bearing Inner Diameter	ø110 mm ø4.33"				
Hole Through Spindle	ø80 mm ø3.15"				
Hole Through Draw Bar	ø66 mm ø2.6"				
Spindle Speed	5000 rpm				
Max.Spindle Torque	20 kgf-m 144.66 lbf-ft				
C1-axis Index Accuracy	-		0.001°		
SUB SPINDLE					
Spindle Nose	-	-	A2-5	-	A2-5
Spindle Inner Taper	-	-	0	-	0
Front Bearing Inner Diameter	-	-	ø90 mm ø3.54"	-	ø90 mm ø3.54"
Hole Through Spindle	-	-	ø55 mm ø2.17"	-	ø55 mm ø2.17"
Hole Through Draw Bar	-	-	ø45 mm ø1.77"	-	ø45 mm ø1.77"
Spindle Speed	-	-	6000 rpm	-	6000 rpm
Max.Spindle Torque	-	-	9.52 kgf-m 68.86 lbf-ft	-	9.52 kgf-m 68.86 lbf-ft
Cz1-axis Index Accuracy	-	-	0.001°	-	0.001°
TRAVEL					
X-axis Travel	175(160+15) mm 6.89"(6.3"+0.59")				
Z-axis Travel	320/650 mm 12.6"/25.59"			240/570 mm 9.45"/22.44"	
Y-axis Travel	-	-	-	90 (+50/-40) mm 3.54"(+1.97"/-1.57")	
B-axis Travel	320/650 mm ^(*) 12.6"/25.59" ^(*)		320/650 mm 12.6"/25.59"	320/650 mm ^(*) 12.6"/25.59" ^(*)	320/650 mm 12.6"/25.59"
FEEDRATE					
X-axis Rapid Feedrate	30 m/min. 1181 ipm				
Z-axis Rapid Feedrate	36 m/min. 1417 ipm				
Y-axis Rapid Feedrate	-	-	-	9 m/min. 354 ipm	
B-axis Rapid Feedrate	20 m/min. ^(*) 787 ipm ^(*)		20 m/min. 787 ipm	20 m/min. ^(*) 787 ipm ^(*)	20 m/min. 787 ipm
Cutting Feedrate (X,Y,Z,B)	1~10,000 mm/min. 0.04~394 ipm				
MOTOR					
Main Spindle Motor	18.5/ 22 kW 25/30 HP				
Sub Spindle Motor	-	-	7.5/11 kW 10/15 HP	-	7.5/11 kW 10/15 HP
Axial Motor (X,Z)	3 kW 4 HP				
Axial Motor (Y)	-	-	-	2.5 kW 3.4 HP	
Axial Motor (B)	2.7 kW ^(*) 3.6 HP ^(*)		2.7 kW 3.6 HP	2.7 kW ^(*) 3.6 HP ^(*)	2.7 kW 3.6 HP
Turret Motor	1.2 kW 1.6 HP			2.5 kW 3.4 HP	
Live Tool Motor	-	2.2/3.7 kW 3/5 HP		1.1/3.7 kW 1.5/5 HP	
TURRET					
Turret Type	Normal Servo Turret	BMT55			
Number of Tools	12T				
Shank Height for Square Tool	□20 mm □3/4"				
Shank Dia. for Boring Bar	ø40 mm ø1&1/2"	ø32 mm ø1&1/4"			
Live Tool Motor Speed	-	100~5000 rpm		100~4000 rpm	
Live Tool Motor Torque	-	2.4 kgf-m 17.36 lbf-ft		4.8 kgf-m 34.72 lbf-ft	
Swing Over Turret	ø490 mm ø19.29" (LIO SHING) ø530 mm ø20.87" (EWS)	ø625 mm ø24.61"		ø615 mm ø24.21"	
TAIL STOCK					
Guide Type	Lock Steel Guide/Linear Guide ^(*)		-	Lock Steel Guide/ Linear Guide ^(*)	-
Moving Type	Manual/Programmable/Servo		-	Manual/ Programmable/Servo	-
Quill Diameter	ø75/ø90 mm ^(*) ø2.95"/ø3.54" ^(*)		-	ø75/ø90 mm ^(*) ø2.95"/ø3.54" ^(*)	-
Quill Taper	MT-4		-	MT-4	-
Quill Stroke	100/0 mm ^(*) 3.94"/0" ^(*)		-	100/0 mm ^(*) 3.94"/0" ^(*)	-
Stroke	250/580 mm 9.84"/22.83"		-	250/580 mm 9.84"/22.83"	-
GENERAL					
Power Consumption	43(45) kVA	45(45) kVA	61(65) kVA	50(65) kVA	63(65) kVA
Machine Weight				/1,680kg	
Floor Space	3902x1926x2295 mm 153.62"x75.83"x90.35" 4182x1926x2295 mm 164.65"x75.83"x90.35"				

Remark(*) : The dimension or data of the servo tail stock. The servo tail stock is an option.

Note: The manufacturer reserves the right to modify the design, specifications, mechanisms, etc., to improve the performance of the machine without notice. All the specifications shown above are just for reference.

ACCESSORIES

● Standard ○ Option – N/A

		NTC-1600/2000					NTC-1600L/2000L				
		2-axis	M	S	Y	SY	2-axis	M	S	Y	SY
Tool Kit		●	●	●	●	●	●	●	●	●	●
Work Lamp		●	●	●	●	●	●	●	●	●	●
Pilot Lamp		●	●	●	●	●	●	●	●	●	●
Automatic Door		○	○	○	○	○	○	○	○	○	○
Safety Door		●	●	●	●	●	●	●	●	●	●
Hydraulic System		●	●	●	●	●	●	●	●	●	●
Turret	Normal Turret	●	–	–	–	–	●	–	–	–	–
	Normal Turret (70bar)	○	–	–	–	–	○	–	–	–	–
	Power Turret BMT55_12T	–	●	●	–	–	–	●	●	–	–
	Power Turret BMT55_12T (Y-axis)	–	–	–	●	●	–	–	–	●	●
	Tool Holder	●	●	●	●	●	●	●	●	●	●
Tool Holder		–	○	○	○	○	–	○	○	○	○
Power Tool Holder		–	○	○	○	○	–	○	○	○	○
Through Hole Rotating Hydraulic Cylinder		●	●	●	●	●	●	●	●	●	●
Collet Chuck		○	○	○	○	○	○	○	○	○	○
Hydraulic Chuck & Hard Jaws and Soft Jaws		●	●	○	○	○	●	●	○	○	○
Soft Jaws, Hard Jaws (Optional accessories)		○	○	○	○	○	○	○	○	○	○
Soft Jaw Former		○	○	○	○	○	○	○	○	○	○
Chuck Switch Pedal	Main spindle	●	●	●	●	●	●	●	●	●	●
	Sub spindle	–	–	●	–	●	–	–	●	–	●
	Tail Stock	○	○	–	○	–	○	○	–	○	–
Sub Spindle		–	–	●	–	●	–	–	●	–	●
Tail Stock (MT-4)	Stationary	●	●	–	●	–	●	●	–	●	–
	Programmable	○	○	–	○	–	○	○	–	○	–
	Manual	●	●	–	●	–	●	●	–	●	–
	Servo	○	○	–	○	–	○	○	–	○	–
Parts Catcher System	Main Spindle	○	○	–	○	–	○	○	–	○	–
	Sub Spindle	–	–	○	–	○	–	–	○	–	○
Parts Pusher System (Sub-Spindle)		–	–	●	–	●	–	–	●	–	●
Axial Safe Clutch		○	○	○	○	○	○	○	○	○	○
Parts Conveyor		○	○	○	○	○	○	○	○	○	○
Complete Chip Enclosure		●	●	●	●	●	●	●	●	●	●
Leveling Blocks and Bolts		●	●	●	●	●	●	●	●	●	●
Foundation Screw Bolts		○	○	○	○	○	○	○	○	○	○
Air Gun		●	●	●	●	●	●	●	●	●	●
Cutting Air Blast		○	○	○	○	○	○	○	○	○	○
Coolant Equipment System		●	●	●	●	●	●	●	●	●	●
Coolant Pump	Standard (2bar)	●	●	●	●	●	●	●	●	●	●
	High Flow (4bar)	○	○	○	○	○	○	○	○	○	○
	High Pressure (8bar)	○	○	○	○	○	○	○	○	○	○
	High Pressure (70bar)	○	○	○	–	–	○	○	○	–	–
Coolant Gun		○	○	○	○	○	○	○	○	○	○
Oil Skimmer		○	○	○	○	○	○	○	○	○	○
Paper Filter		○	○	○	○	○	○	○	○	○	○
Oil Mist Collector		○	○	○	○	○	○	○	○	○	○
Central Lubrication System (Volume Type)		●	●	●	●	●	●	●	●	●	●
Chip Conveyor	Right Side	●	●	●	●	●	●	●	●	●	●
	Rear Side	○	○	○	○	○	○	○	○	○	○
Heat Exchanger for Electrical Cabinet	Heat Pipe Type	●	●	●	●	●	●	●	●	●	●
	A/C Type	○	○	○	○	○	○	○	○	○	○
Tool Length Measurement	Main Spindle Automatic	○	○	○	○	○	○	○	○	○	○
	Main Spindle_Manual	○	○	○	○	○	○	○	○	○	○
	Sub Spindle_Manual	–	–	○	–	○	–	–	○	–	○
Bar feeder & Software		○	○	○	○	○	○	○	○	○	○
Linear Encoder		○	○	○	○	○	○	○	○	○	○
Control System	FANUC TXP-100FA	●	●	–	–	–	●	●	–	–	–
	FANUC TXP-200FA	○	○	●	●	●	○	○	●	●	●

Note: The manufacturer reserves the right to modify the design, specifications, mechanisms, etc. to improve the performance of the machine without notice.
All the specifications shown above are just for reference.



YEONG CHIN MACHINERY INDUSTRIES CO., LTD.

No. 888, Sec. 1, Homu Road, Shengang District, Taichung 42953, Taiwan

Tel : +886-4-2562-3211

Fax: +886-4-2562-6479

Web Page: www.YCMCNC.com

Email: sales@YCMCNC.com



201609-E01-2000