

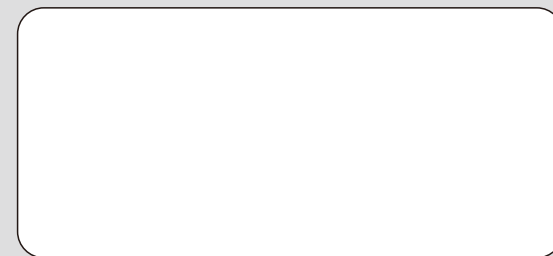


Turning with / without milling CNC Lathe

NT Series



Campro USA
5 Highland Avenue Suite C
Bethlehem, PA 18017
TEL: (484)892-6333
E-mail: sales@campro-usa.com



QAC11-01



• Machine specifications and design are subject to change without prior notice due to on-going innovation.

2022-03-V1.0 12P GHXXX US

CE ISO 9001



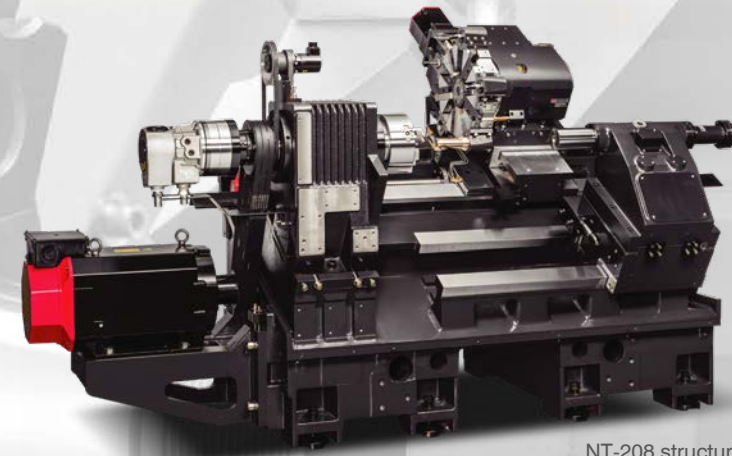
Campro Precision Machinery Co., Ltd.
www.camprousa.com

Line Up

A highly rigid and profitable BOX way CNC lathe.

The NT Series CNC Lathe / Turning Center is based on a high quality cast iron bed for superior rigidity and anti-vibration characteristics. The NT Series is available as a single spindle turning center, a live tool turning center with C-Axis, and a live tool, sub-spindle turning center, making it a versatile machine able to complete the greatest amount of primary and secondary turning possible in one compact platform.

NT-208



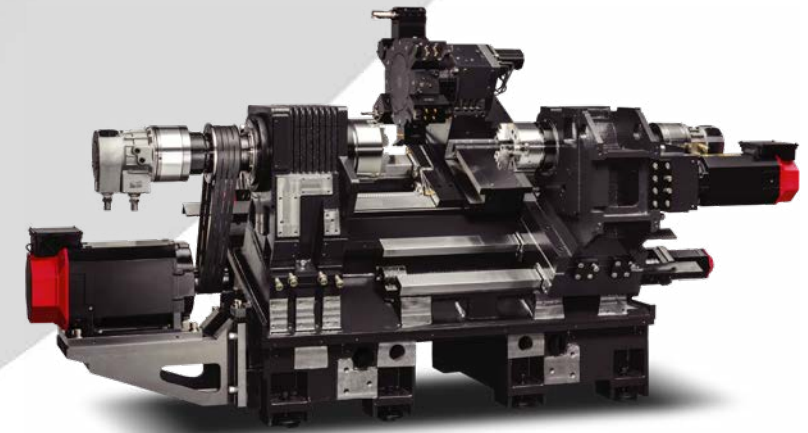
NT-208 structure

NT Series is rugged construction of CNC Lathe / Turning Center which is one-piece 30° slant bed design, offers perfect stiffness and lower vibration to deliver much heavier cutting with a smaller footprint. Hardened precision box guideways provides excellent performance for heavy-duty cutting.

NT-2510S / NT-2510SM



The NT-2510S is Campro's highly flexible and profitable twin spindle CNC lathe. Through synchronize control of the 10" main spindle with the 8" sub-spindle, it is able to finish the greatest amount of primary and secondary turning possible in one compact platform. The NT-2510SM has a live turret and C-Axis in addition to the twin spindle design which enables it to perform milling functions to achieve versatility and productivity. The turret design allows any of the twelve stations to be a live tool station.



NT-2510S structure
(NT-2510SM is with Live Turret)



X-axis live tool holder



Z-axis live tool holder

NT-2510SM

The NT-2510SM utilizes a BMT style Live Turret which provides superior rigidity for forward and reverse turning. The turret is equipped with locating keys for the BMT holders to accurately locate and align them, eliminating the need for lengthy setups.

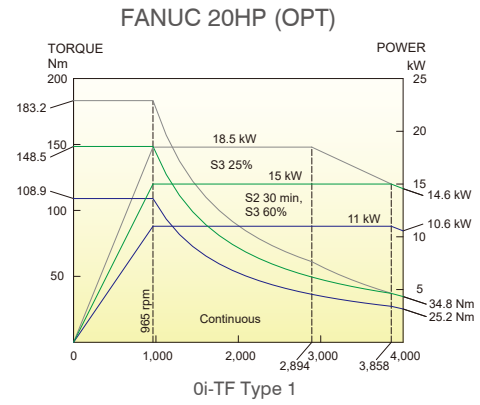
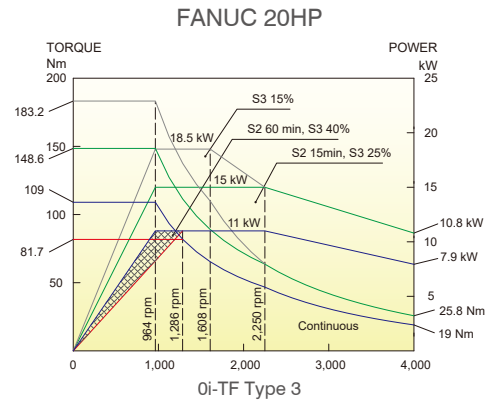
Spindle Diagram

NT-208

8" Chuck

Belt Spindle

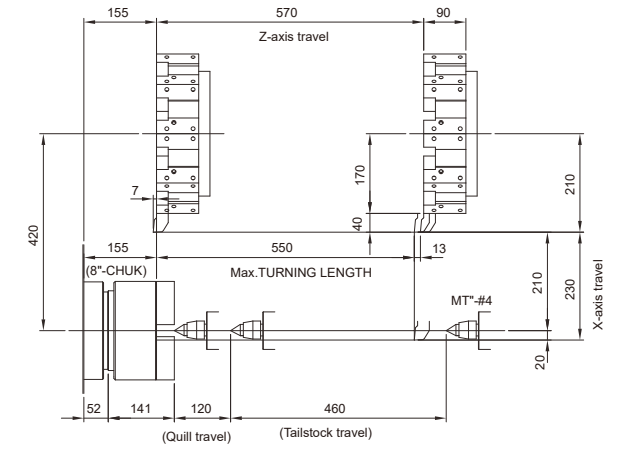
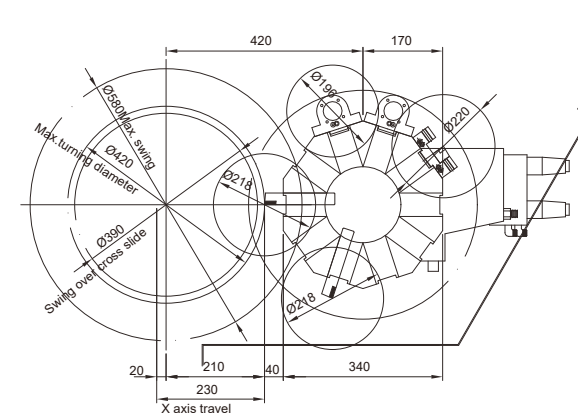
4,200 rpm



Working Capacity

Unit : mm

NT-208

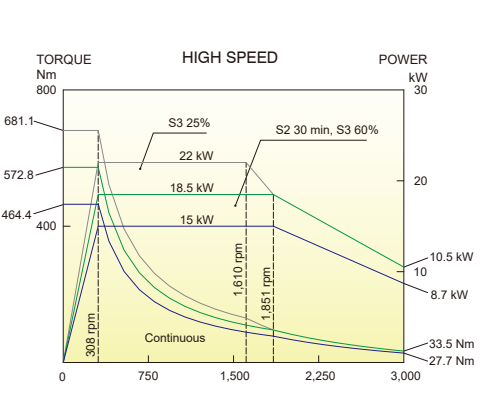
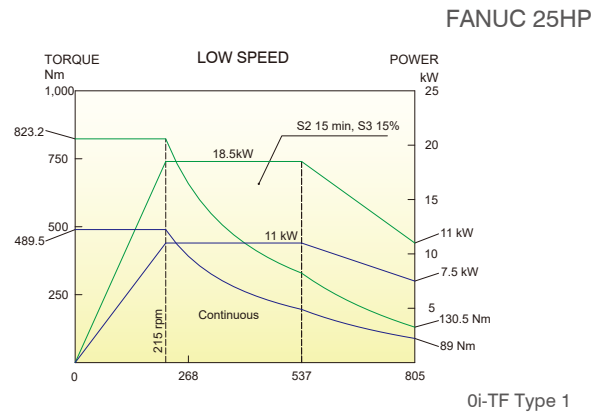


NT-2510S / NT-2510SM

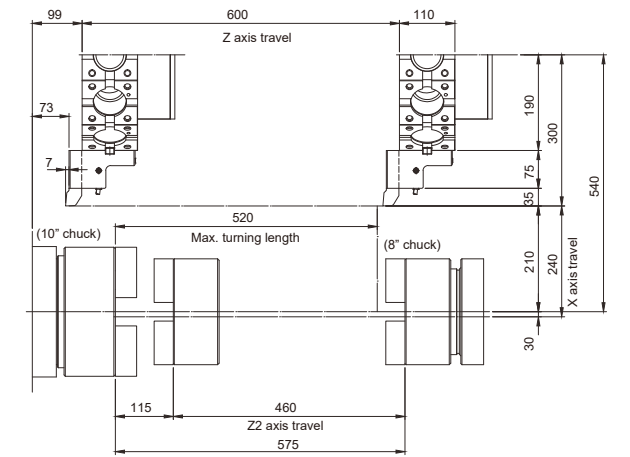
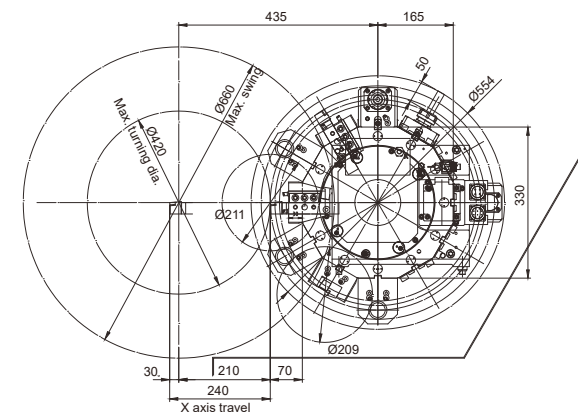
10" Chuck

Belt Spindle

3,000 rpm



NT-2510S / NT-2510SM



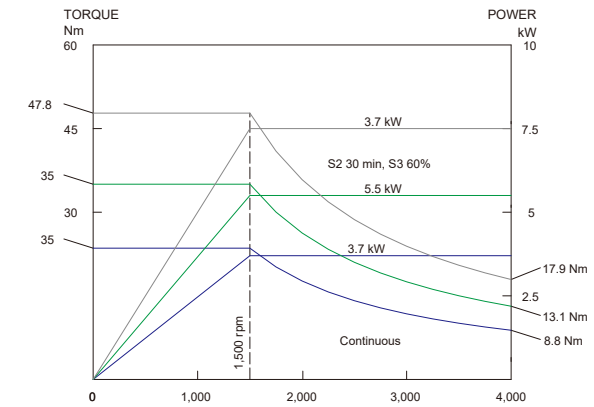
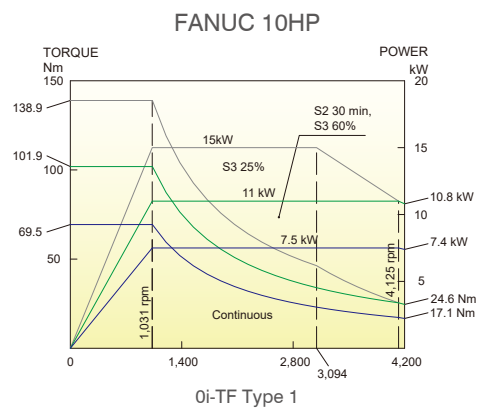
Sub Spindle Diagram

NT-2510S / NT-2510SM

8" Chuck

Belt Spindle

4,200 rpm



Live Turret Diagram

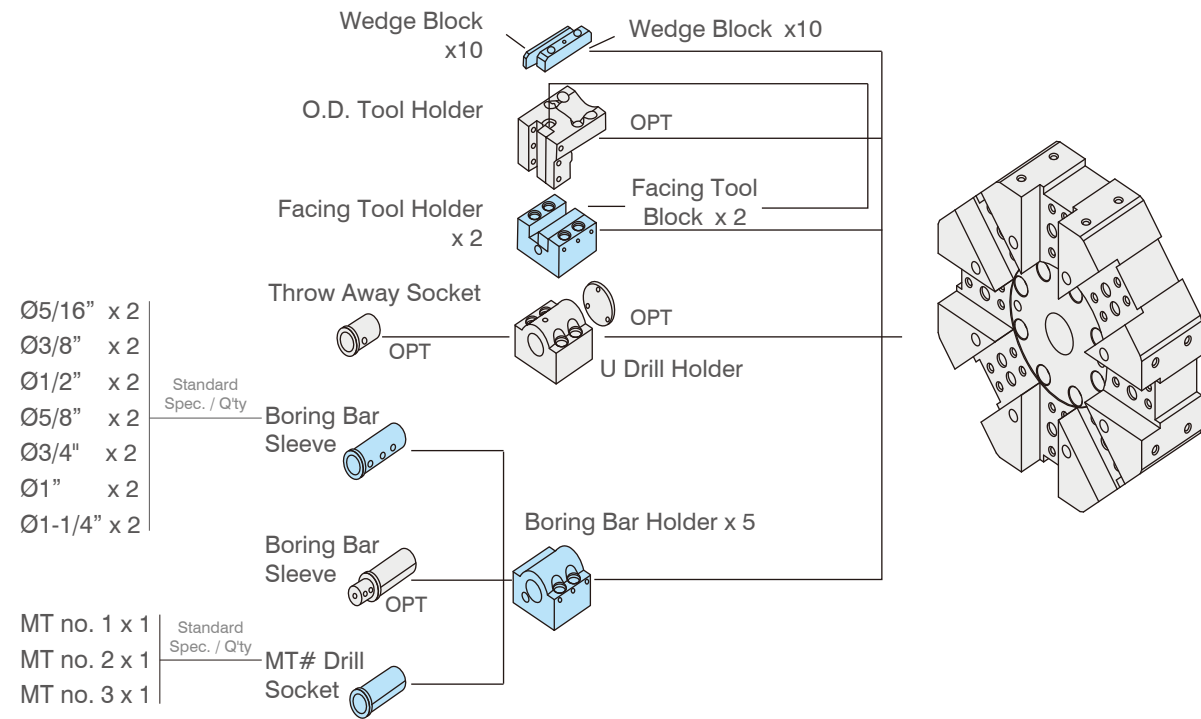
(NT-2510SM)

Accessories For Tooling System

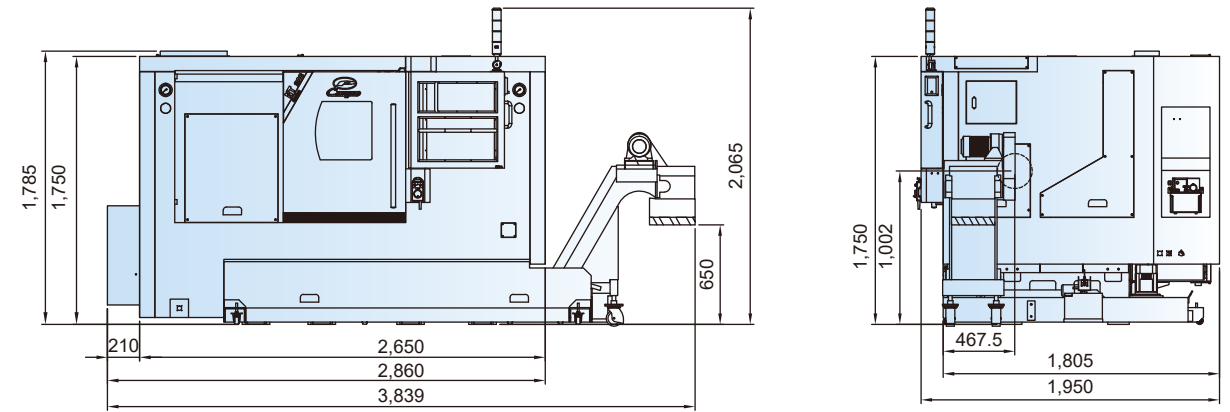
Machine Dimension

Unit : mm

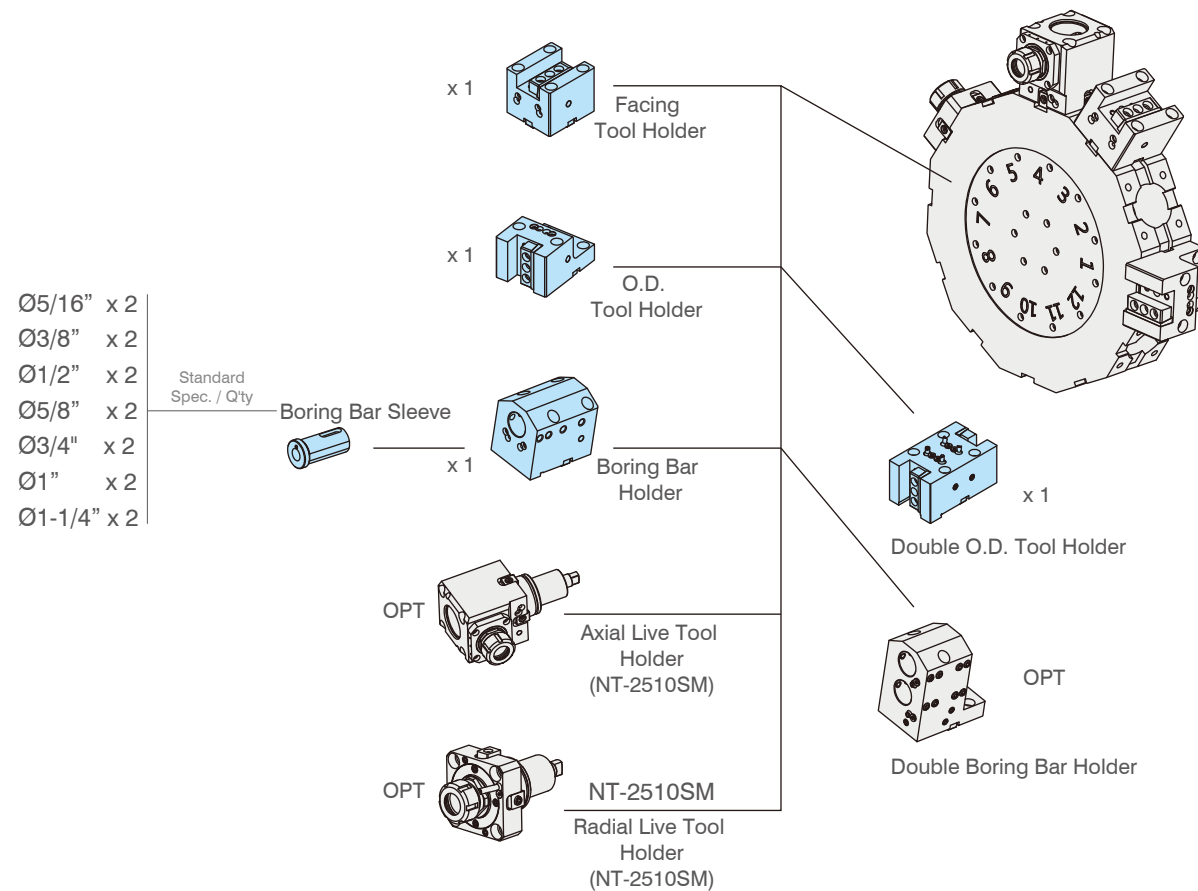
NT-208



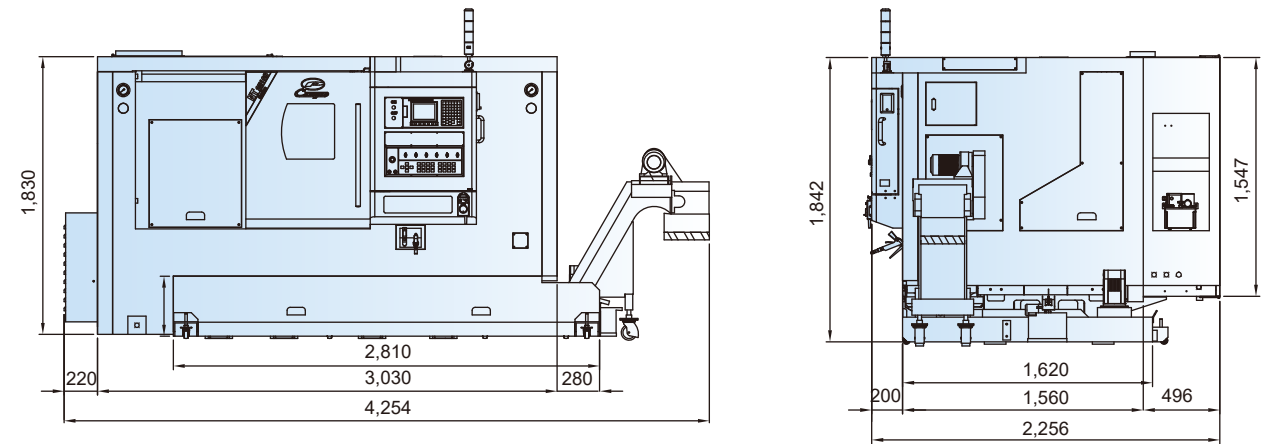
NT-208



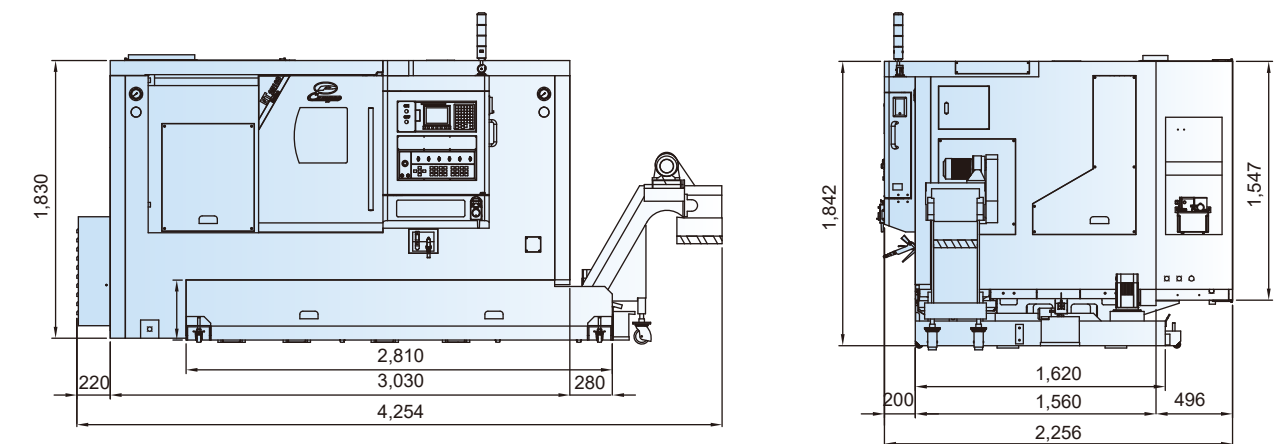
NT-2510S / NT-2510SM



NT-2510S



NT-2510SM



Machine Specifications

MODEL	UNIT	NT-208	NT-2510S	NT-2510SM
CAPACITY				
Max. swing over bed	mm (in)	Ø580 (22.8")	Ø660 (25.9")	Ø660 (25.9")
Max. swing over carriage	mm (in)	Ø390 (15.3")	Ø460 (18.1")	Ø460 (18.1")
Max. turning length	mm (in)	550 (21.6")	520 (20.4")	520 (20.4")
Max. turning diameter	mm (in)	Ø420 (16.5")	Ø420 (16.5")	Ø420 (16.5")
TRAVEL				
X-axis travel	mm (in)	210+20 (8.2" + 0.78")	210+30 (8.2" + 1.18")	210+30 (8.2" + 1.18")
Z-axis travel	mm (in)	570 (22.4")	530 (20.8")	530 (20.8")
Rapid traverse (X/Z)	m (in) / min.	20 / 24 (787.4 / 944.8)	24 / 24 (944.8 / 944.8)	24 / 24 (944.8 / 944.8)
SPINDLE				
Spindle nose	type	A2-6	A2-8	A2-8
Hydraulic chuck	inch	8"	10"	10"
Hole through draw tube	mm (in)	Ø66 (2.598")	Ø78 (3.07")	Ø78 (3.07")
Spindle motor	kW (HP)	11 / 15 (20)	15 / 18.5 (25)	15 / 18.5 (25)
Spindle speed	rpm	4,000	3,000	3,000
Indexing of C-axis	degree	—	0.001°	0.001°
SUB SPINDLE				
Spindle nose	type	—	A2-6	A2-6
Hydraulic chuck	inch	—	8"	8"
Spindle motor	kW (HP)	—	7.5 / 11 (15)	7.5 / 11 (15)
Spindle speed	rpm	—	4,200	4,200
TURRET				
Turret type	type	Hydraulic	Servo	Servo Live Turret
Nos. of turret	Nos.	10-Station	12-Station	12-Station
Tool shank O.D. / I. D.	mm (in)	□25 / Ø40 (□1" / Ø1-1/2")	□25 / Ø40 (□1" / Ø1-1/2")	□25 / Ø40 (□1" / Ø1-1/2") / BMT-65
Max. tool speed	rpm	—	—	4,000
TAILSTOCK				
Quill diameter	mm (in)	Ø80 (3.1")	—	—
Quill travel	mm (in)	120 (4.7")	—	—
Quill taper	type	MT-#4	—	—
OTHER				
Floor plan (W x D x H)	mm (in)	3,839 x 1,950 x 1,785 (151" x 76" x 70")	4,254 x 2,256 x 1,842 (167" x 88" x 72")	4,254 x 2,256 x 1,842 (167" x 88" x 72")
Machine weight	kg (lb)	4,200 (9,259 lbs)	4,750 (10,471 lbs)	4,750 (10,471 lbs)
Power capacity	KVA	20	25	25

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Standard / Optional accessories

● Standard ○ Optional X No available ★ Contact Campro

ITEM	NT-208	NT-2510S	NT-2510SM
3-Jaw power chuck	●	●	●
Hard jaw	x 1 Set	x 1 Set	x 1 Set
Soft jaw	x 3 Sets	x 3 Sets	x 3 Sets
Hydraulic unit	●	●	●
Manual tailstock	●	X	X
Hydraulic clamping manual tailstock	○	X	X
Programmable tailstock	○	X	X
Chain type chip conveyor with bucket	●	●	●
Special purposed chip conveyor	○	○	○
Chip flushing device	●	●	●
Coolant pump	●	●	●
Pretensioned ballscrews	●	●	●
Hand wheel (MPG)	●	●	●
Heat exchanger	●	●	●
Air condition	○	○	○
Oil skimmer	●	●	●
3-color signal light	●	●	●
Working lamp	●	●	●
Collet chuck	○	○	○
Oil mist collector	○	○	○
Tool setter	○	★	★
Parts catcher	○	○	○
Automatic bar feeder interface	○	○	○
Auto. door	○	○	○
Auto. power off	○	○	○
12-station hydraulic turret	○	X	X
Servo turret	○	●	X
Servo live turret	X	X	●
Coolant gun	○	○	○
Air gun	○	○	○
CE modification	○	○	○
Transformer	○	○	○

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