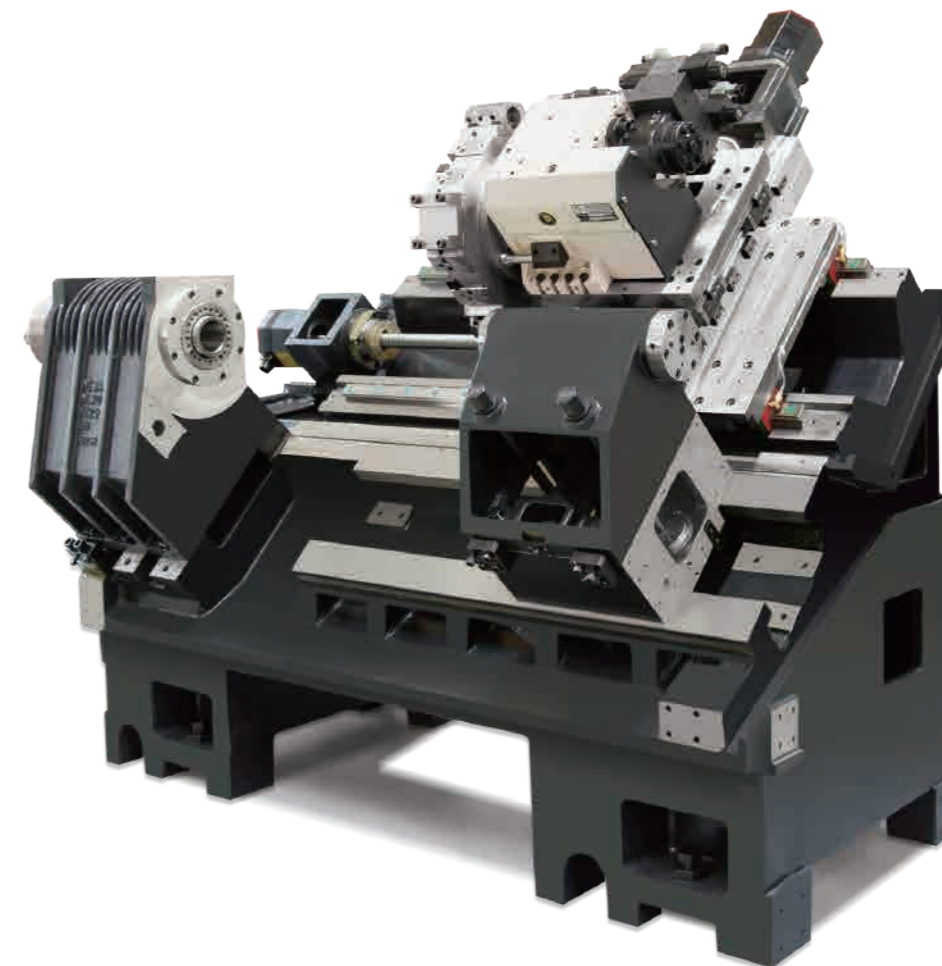


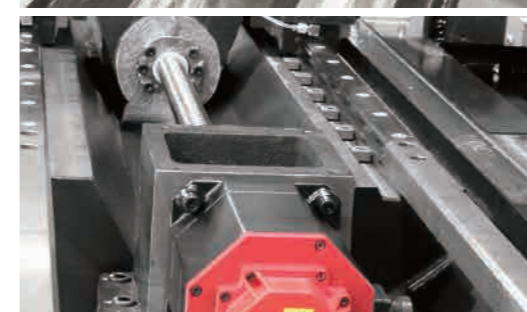
# NL Series- Linear Guideway CNC Horizontal Lathe

- 45° overall slant bed design offers high rigidity for heavier cutting and excellent chip removal.
- FEA structure analysis realize the correct layout of casting ribs to increase rigidity and lessen stress.
- The X/Z axis ball screw is pre-tensioned to reduce influence of temperature increase on the accuracy of the ball screw during machining. Fasten bolts are installed on both sides of the ball screw itself to increase the protection of the ball screw bearing. The servo motor is directly connected with the high speed and silent ball screw.
- X/Z axis utilize linear guideways to guarantee excellent dynamic characteristics, stable machining accuracy, high rapid traverse speeds and high processing efficiency.
- Tailstock adopts rectangular guideway, with excellent rigidity both up and down the layered structure. There are micro-adjustment devices between the upper and lower tiers. The tailstock center can be adjusted. The tailstock body can be moved manually or dragged by the slide board, and the quill is driven by hydraulic.
- Utilizes a high rigidity spindle box with lower noise, higher precision, better heat dissipation and and longer service life.
- World Class functional components, equipped with imported servo drivers and motors to realize reliable performance, excellent controllability, high indexing accuracy.
- The wide range of options: such as bar feeder, part catcher, larger hollow chuck, bigger spindle bore, programmable tailstock, tool measurement, hydraulic steady rest, etc.



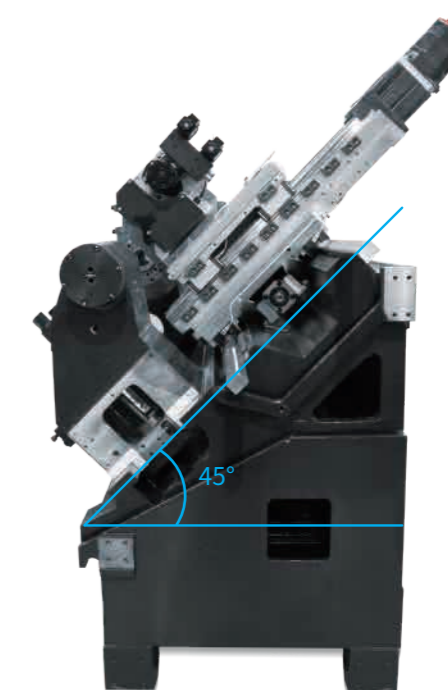
## 1 Linear Guideway

High-precision linear rolling guide way increase the speed of movement and improve cutting efficiency. The use of imported linear guide way realize high positioning accuracy and low wear. It can maintain accuracy for a long time, fully improve productivity and ensure high processing stability.



## 2 45° overall slant bed design

45 degree whole slant bed design to realize high stability of the CNC lathe and make chip removing easily and smoothly.



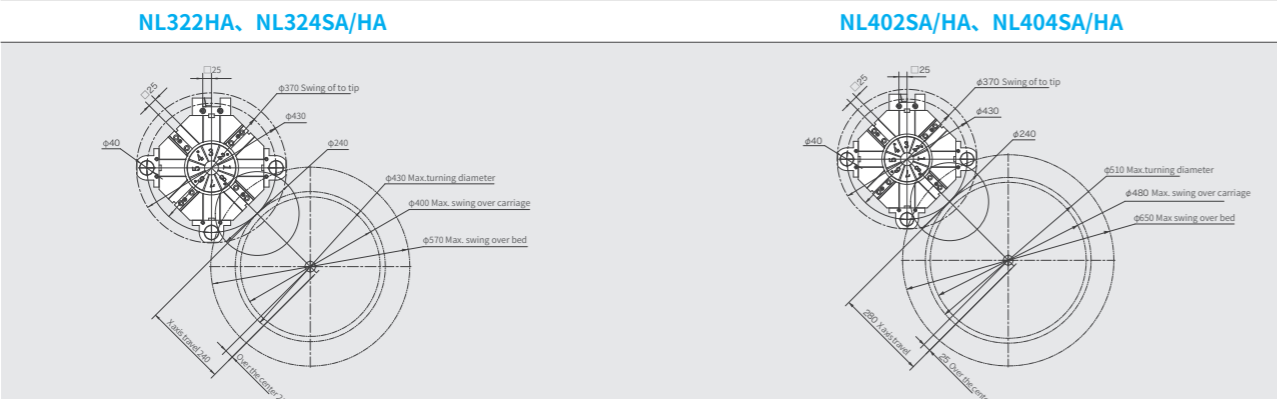
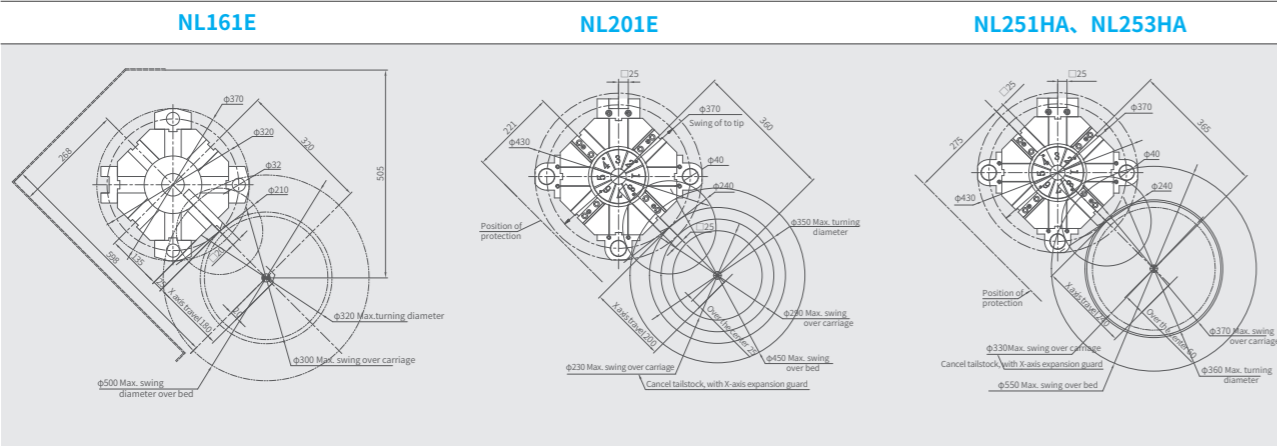
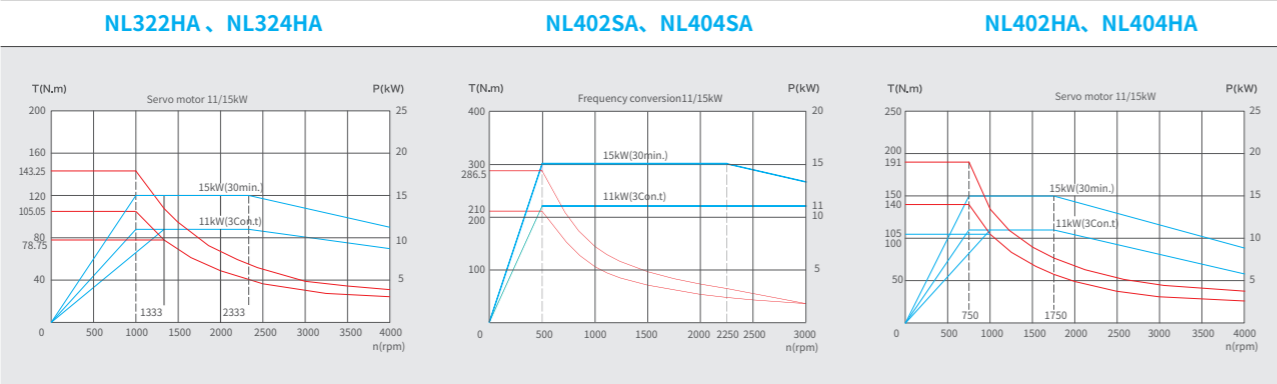
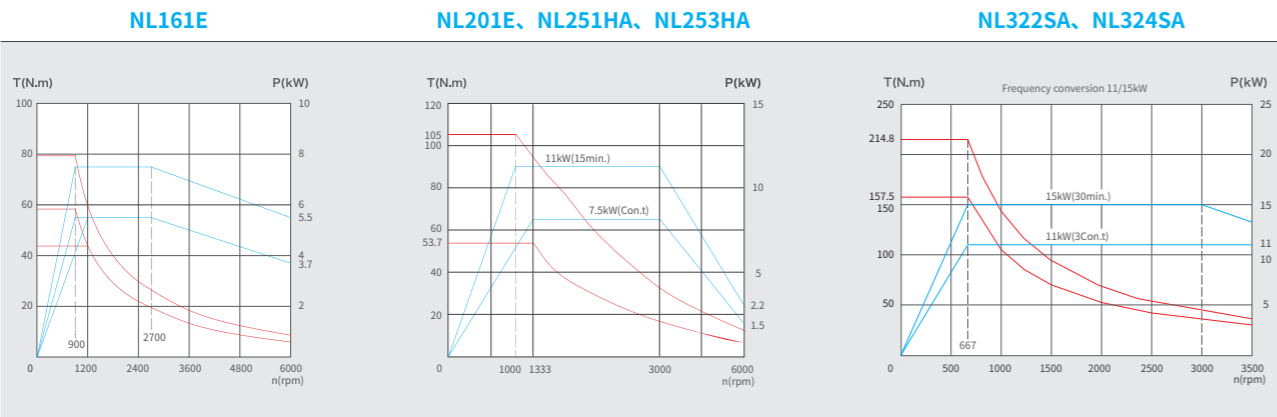
### The main parameters

	NL161E	NL201E	NL251HA	NL253HA	NL322SA/HA	NL324SA/HA	NL402SA/HA
Max. swing on bed	mm Φ500	Φ450	Φ550	Φ550	Φ570	Φ570	Φ650
Max. cutting dia	mm Φ320	Φ350	Φ360	Φ360	Φ430	Φ430	Φ510
Max. cutting length	mm 320	445	435	810	565	1000	550
Motor power	kW 5.5/7.5	7.5/11	7.5/11	7.5/11	11/15	11/15	11/15
Spindle speed	r/min 6000	6000	5000	5000	3500(SA) 4000(HA)	3500(SA) 4000(HA)	3000(SA) 4000(HA)

Spindle Power Torque Diagram

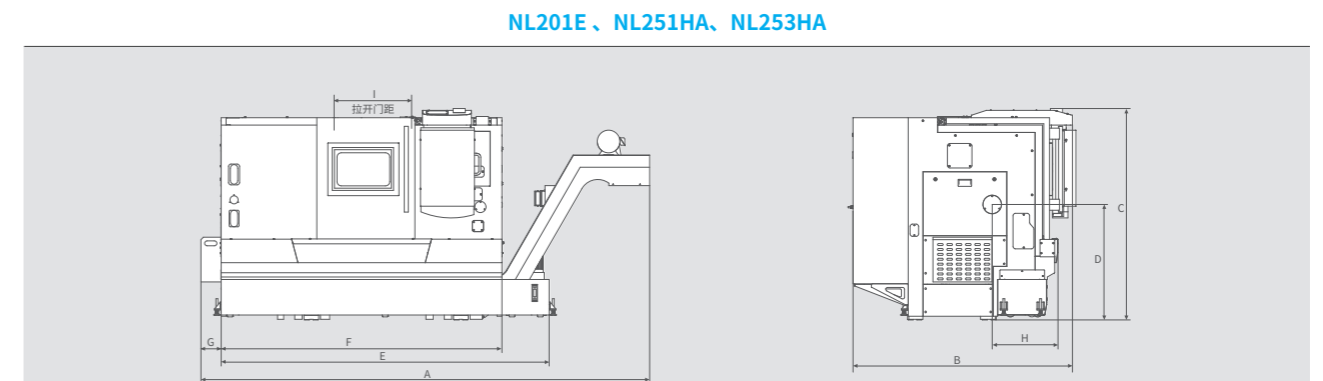
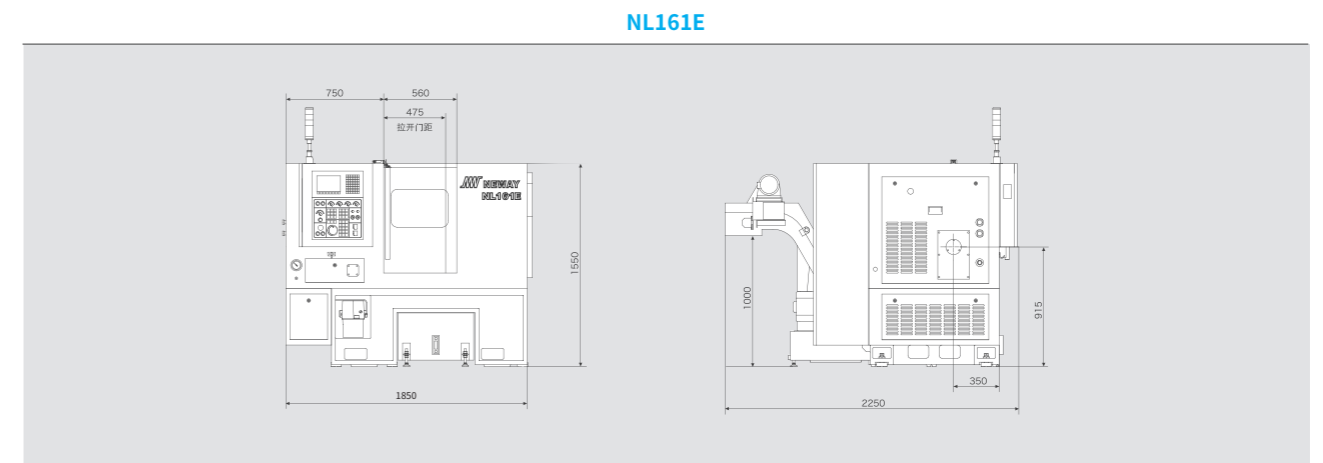
Tool Interference Diagram

(Unit: mm)

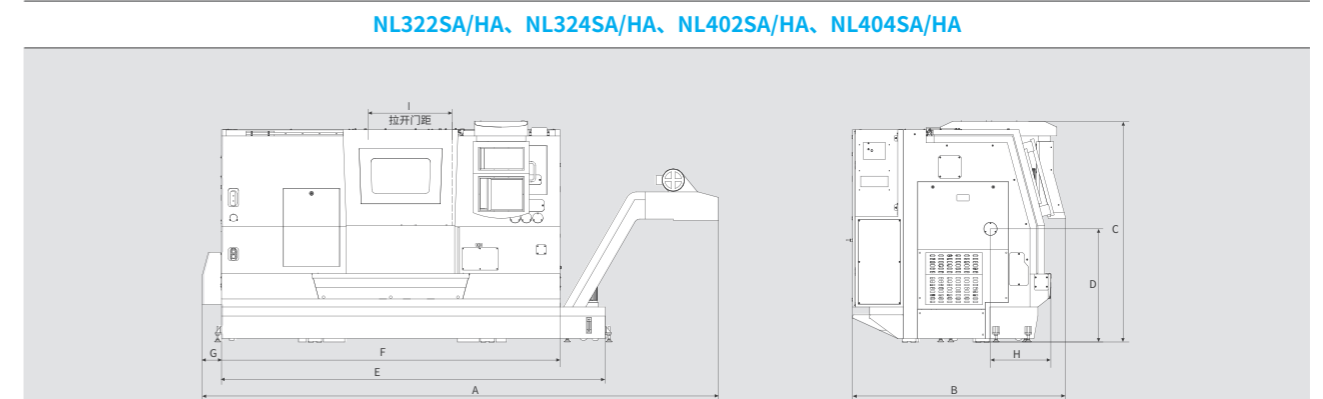


External Dimensions

(Unit: mm)



Modles	A	B	C	D	E	F	G	H	I
NL201E	3660	1790	1720	940	2675	2290	165	537	610
NL251HA	3660	1790	1820	1000	2675	2290	165	523	600
NL253HA	4160	1820	1820	1000	3395	3010	0	540	765



Modles	A	B	C	D	E	F	G	H	I
NL322SA/HA	4570	1845	1955	1000	3395	2995	170	535	740
NL324SA/HA	5070	1845	1955	1000	3895	3495	170	535	890
NL402SA/HA	4570	1885	1955	1000	3395	2995	170	535	740
NL404SA/HA	5070	1885	1955	1000	3895	3495	170	535	890

Item	Unit	NL161E	NL201E	NL251HA	NL253HA	NL322SA/HA	NL324SA/HA	NL402SA/HA	NL404SA/HA
Max. swing over bed	mm	Φ500	Φ450	Φ550	Φ550	Φ570	Φ570	Φ650	Φ650
Max. swing over saddle	mm	Φ300	Φ230	Φ330	Φ370	Φ400	Φ400	Φ480	Φ480
Max. turning diameter	mm	Φ320	Φ350	Φ360	Φ360	Φ430	Φ430	Φ510	Φ510
Max. turning length	mm	320	445	435	810	565	1000	550	1000
Max. bar capacity	mm	Φ44	Φ44	Φ44	Φ44	Φ51	Φ51	Φ51	Φ51
Max. spindle speed	rpm	6000	6000	5000	5000	3500 (SA) 4000 (HA)	3500 (SA) 4000 (HA)	3000 (SA) 4000 (HA)	3000 (SA) 4000 (HA)
Spindle nose	ISO	A2-5	A2-5	A2-6	A2-6	A2-6	A2-6	A2-6	A2-6
Spindle bore	mm	Φ56	Φ56	Φ56	Φ56	Φ65	Φ65	Φ65	Φ65
Spindle taper	-	Morse 6#	Morse 6#	Morse 6#	Morse 6#	公制80	Metric 80	Metric 80	Metric 80
Height from spindle center to ground	mm	915	940	1000	1000	1000	1000	1000	1000
Tailstock quill diameter	mm	-	-	-	Φ100	Φ100	Φ100	Φ100	Φ100
Tailstock quill travel	mm	-	-	-	100	100	100	100	100
Quill Center	Morse	-	-	-	5#(Live center)	5#(Live center)	5#(Live center)	5#(Live center)	5#(Live center)
Travel X/Z	mm	180/350	200/455	240/455	240/830	240/600	240/1100	280/600	280/1100
Rapid travel speed X/Z	m/min	30/30	24/30	24/30	24/30	24/30	24/30	24/30	24/30
X axis ball screw dia/pitch	mm	Φ32/10	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8
Z axis ball screw dia/pitch	mm	Φ32/10	Φ32/10	Φ32/10	Φ32/10	Φ40/12	Φ40/12	Φ40/12	Φ40/12
Tool position	-	8 (servo turret)	8 (servo turret)	8 (servo turret)	8	8	8	8	8
Turning tool shank size	mm	25×25	25×25	25×25	25×25	25×25	25×25	25×25	25×25
Boring tool holder diameter	mm	Φ40	Φ40	Φ40	Φ40	Φ40	Φ40	Φ40	Φ40
Positioning accuracy	X	mm	0.006	0.006	0.006	0.006	0.008	0.008	0.01
	Z	mm	0.006	0.006	0.006	0.006	0.008	0.008	0.01
Repeatability accuracy	X	mm	0.004	0.004	0.004	0.004	0.004	0.004	0.004
	Z	mm	0.004	0.004	0.004	0.004	0.004	0.004	0.004
Machine power capacity	kVA	15	25	25	25	25/30	25/30	25/30	25/30
Machine dimension (L x W x H)	mm	1850×2250×1550	3660×1790×1720	3660×1790×1820	4160×1820×1820	4570×1845×1955	5070×1845×1955	4570×1885×1955	5070×1885×1955
Machine weight	kg	2600	3400	3500	4200	4200	4400	4400	4600
CNC system	-	NEWAY FANUC [SIEMENS]				NEWAY FANUC [SIEMENS]			
Spindle motor power	kW	5.5/7.5	7.5/11	7.5/11	7.5/11	11/15	11/15	11/15	11/15
Motor torque X/Z	N.m	7/7	7/7	7/7	7/7	7/7	7/7	7/7	7/7
Hydraulic chuck	inch	hollow6"	hollow 6" [solid (hollow)8"]	solid 10" [hollow 10"/solid (hollow)12"]		solid 10" [hollow 10"/solid (hollow)12"]		solid 10" [hollow 10"/solid (hollow)12"]	
[Hydraulic steady rest]	mm	-	-	Φ70	Φ70	Φ150	Φ150	Φ165	Φ165
Automatic chip conveyor	-	Automatic rear chip conveyor	Automatic right chip conveyor [Automatic rear chip conveyor/Automatic left chip conveyor]]			Automatic right chip conveyor [Automatic rear chip conveyor/Automatic left chip conveyor]]			

**Standard on Neway Lathes:**

Installation kit, automatic lubricating device, standard tool attachment, foot pedal clamp and unclamp switch, hydraulic chuck and cylinder, soft jaws, hydraulic device, air gun, tri-color status lamp, chip cart, fully enclosed cabinet protection, waste oil collection device, LED lamp

**Optional on Neway Lathes:**

Hard jaws, special chuck, automatic tool measurement, steady rest, automatic door, additional tool attachment, air-blow mechanism, bar feeder, oil mist collector, oil skimmer, tailstock travel inspection, high-pressure coolant chip break, parts catcher.

[ ]Option

NL201EP	NL251HP	NL253HP
Φ450	Φ550	Φ550
Φ230	Φ330	Φ370
Φ350	Φ320	Φ320
435	435	810
Φ66	Φ66	Φ66
4000	4000	4000
A2-6	A2-6	A2-6
Φ76	Φ76	Φ76
Metric 85	Metric 85	Metric 85
940	1000	1000
-	-	Φ100
-	-	1000
-	-	5#(Live center)
200/455	240/455	240/830
30/36	30/36	30/36
Φ32/10	Φ32/10	Φ32/10
Φ32/12	Φ32/12	Φ32/12
8	12	12
25×25	25×25	25×25
Φ40	Φ40	Φ40
0.006	0.006	0.006
0.006	0.006	0.006
0.004	0.004	0.004
0.004	0.004	0.004
25	25	25
3660×1790×1720	3660×1790×1820	4105×1820×1820
3400	3500	4200
NEWAY FANUC [SIEMENS]		
11/15	11/15	11/15
11/11	11/11	11/11
hollow 8" [solid 8"/solid (hollow)10"]		
-	-	Φ70
Automatic right chip conveyor [Automatic rear chip conveyor/Automatic left chip conveyor]]		

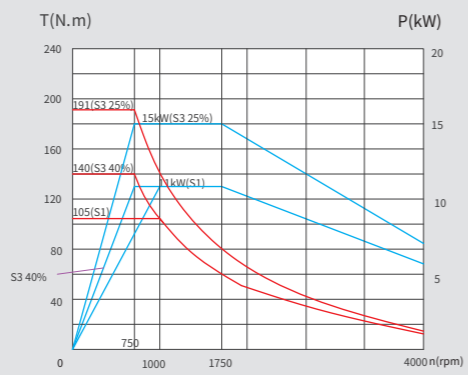
**NLSeries-  
High efficiency CNC horizontal lathe**

[ ]Option

Spindle Power Torque Diagram    Tool Interference Diagram    External Dimensions

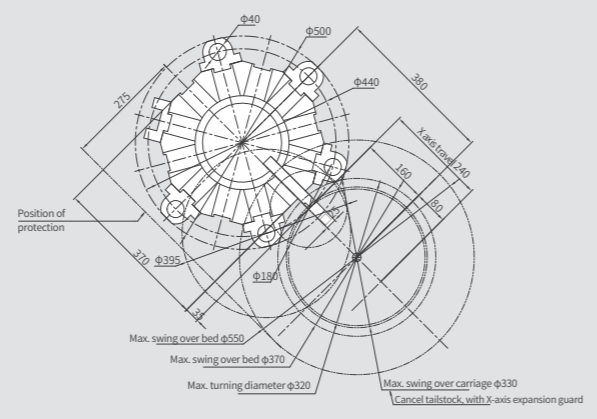
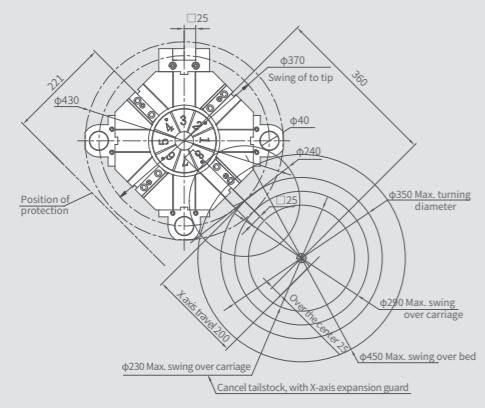
(Unit: mm)

NL201EP, NL251HP, NL253HP

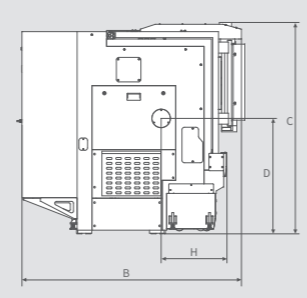
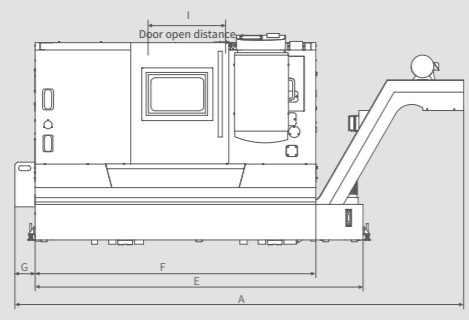


NL201EP

NL251HP, NL253HP



NL201EP, NL251HP, NL253HP



Models	A	B	C	D	E	F	G	H	I
NL201EP	3660	1790	1720	940	2675	2290	165	537	610
NL251HP	3660	1790	1820	1000	2675	2290	165	523	600
NL253HP	4105	1820	1820	1000	3295	2910	45	540	765

# NL series- Gang tooling type CNC slant bed lathe

- 60° overall slant bed design, with high rigidity and smooth chip removal
- FEA structure analysis realize the correct layout of casting ribs to increase rigidity and lessen stress.
- The X/Z axis ball screw is pre-tensioned to reduce influence of temperature increase on the accuracy of the ball screw during machining. The servo motor is directly connected with the high speed and silent ball screw.
- Utilizes a high rigidity spindle box with lower noise, higher precision and longer service life.
- World Class functional components, equipped with imported servo drivers and motors to realize reliable performance, excellent controllability, high indexing accuracy.
- The wide range of options: such as bar feeder, parts catcher, larger hollow chuck, bigger spindle bore, tool measurement, etc.



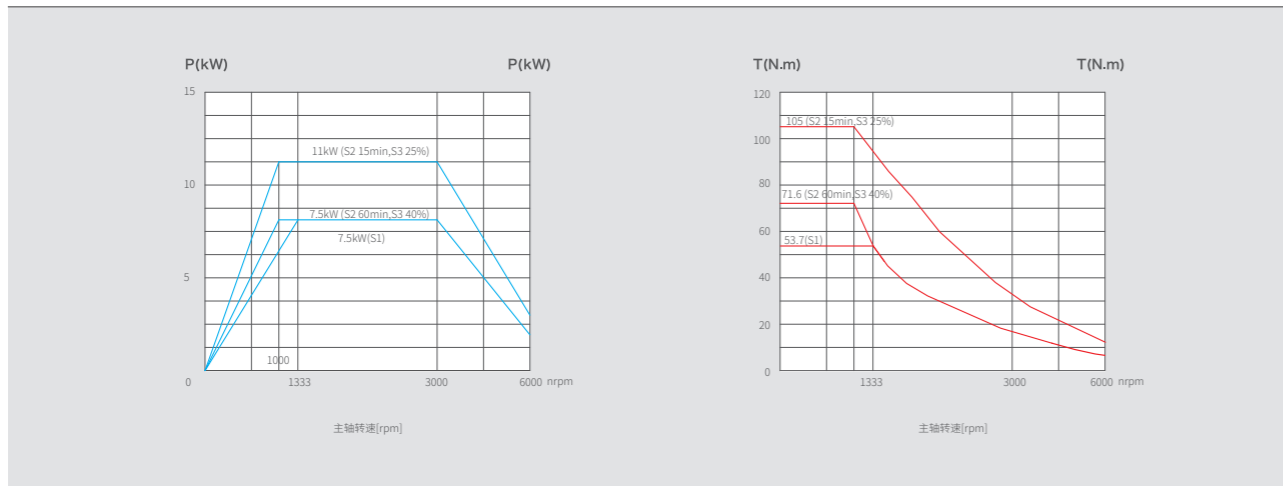
Spindle Power Torque Diagram

Tool Interference Diagram

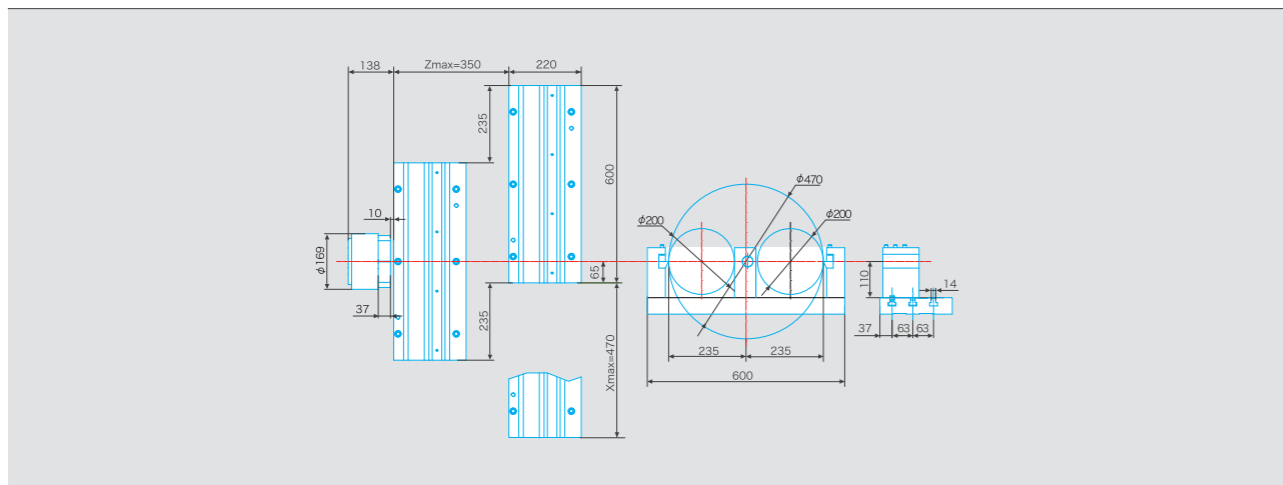
External Dimensions

(Unit: mm)

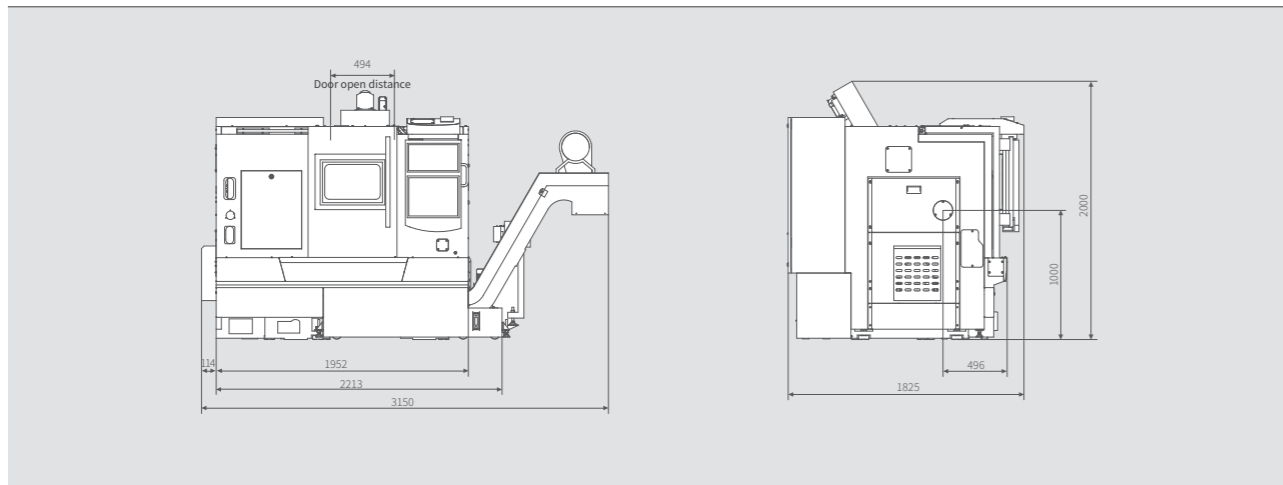
NL201HG



NL201HG



NL201HG



Item		Unit	NL201HG	
Processing range	Max. swing over bed	mm	Φ590	
	Max. swing over saddle	mm	Φ200	
	Max. turning diameter	mm	Φ200	
	Max. turning length	mm	350	
	Max. bar capacity	mm	Φ44	
Spindle	Max. spindle speed	rpm	6000	
	Spindle nose	ISO	A2-5	
	Spindle bore	mm	Φ56	
	Spindle taper	-	Morse 6#	
	Height from spindle center to ground	mm	1000	
Hydraulic tailstock	Tailstock quill diameter	mm	-	
	Tailstock quill travel	mm	-	
	Quill Center	Morse	-	
Axis X/Z	Travel X/Z	mm	470/350	
	Rapid travel speed X/Z	m/min	30/30	
	X axis ball screw dia. / pitch	mm	Φ32/10	
	Z axis ball screw dia. / pitch	mm	Φ32/10	
Gang tooling	Tool position	-	1~6	
	Turning tool shank size	mm	20×20	
	Boring tool holder diameter	mm	Φ32	
Machining accuracy	Positioning accuracy	X	mm	0.006
		Z	mm	0.006
	Repeatability accuracy	X	mm	0.004
		Z	mm	0.004
Machine power capacity		kVA	25	
Machine dimension (L x W x H)		mm	3150×1825×2000	
Machine weight		kg	3000	
CNC system		-	NEWAY FANUC [SIEMENS]	
Spindle motor power		kW	7.5/11	
Motor torque X/Z		N.m	7/7	
Hydraulic chuck		inch	hollow 6"[solid 6"/solid(hollow)8"]	
[Hydraulic steady rest]		mm	-	
Automatic chip conveyer		-	Automatic right chip conveyer [Automatic rear chip conveyer]	

## NL Series- Box Way Guideway CNC Horizontal Lathe

- 45° overall slant bed design offers high rigidity for heavier cutting and excellent chip removal. The X/Z axis ball screw is pre-tensioned to reduce influence of temperature increase on the accuracy of the ball screw during machining. Fasten bolts are installed on both sides of the ball screw itself to increase the protection of the ball screw bearing. The servo motor is directly connected to drive the high speed and silent ball screw.
- X/Z axis is box-way design with HRC48 hardness surface through heat treatment, bigger guideway span, higher rigidity, better torsional and shock resistance, stable machining accuracy. The box ways are equipped with imported wear resistant turcite to realize lower friction, smooth movement and good dynamic characteristics.
- Tailstock adopts rectangular guideway, with excellent rigidity both up and down the layered structure. There are micro-adjustment devices between the upper and lower tiers. The tailstock center height can be adjusted. The tailstock body can be moved manually or dragged by the slide board, and the quill is driven by hydraulic.
- Utilizes a high rigidity spindle box with lower noise, higher precision, better heat dissipation and and longer service life.
- The wide range of options: such as bar feeder, parts catcher, larger hollow chuck, bigger spindle bore, programmable tailstock, tool measurement, hydraulic steady rest, etc.



### The main parameters

		NL502SC/H	NL504SC/H	NL634SC/SCZ	NL635SC/SCZ	NL636SC/SCZ	NL638SC
Max. swing over bed	mm	Φ600	Φ600	Φ650	Φ650	Φ650	Φ650
Max. cutting dia	mm	Φ500	Φ500	Φ630	Φ630	Φ630	Φ630
Max. cutting length	mm	500	1000	1000	1500	2000	3000
Motor power	kW	11/15	11/15	15/18.5	15/18.5	15/18.5	18.5/22
Spindle speed	rpm	3000	3000	2000/1000	2000/1000	2000/1000	2000

## NL Series- Horizontal Turning and Milling Center

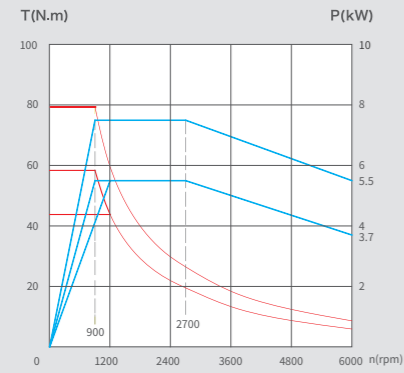
- The horizontal turning center is with three-axis interpolation, semi-closed-loop control, C-axis indexing function and living turret to finish the milling, drilling, tapping, turning and many other processing.
- 45° overall slant bed design, with advantages of compact structure, high rigidity, smooth chip removal and ease operation.
- NL turning and milling centers are with fully enclosed protection, automatic chip removal, automatic lubrication, automatic cooling, to realize easier maintenance and higher performance.
- Live tools are used for rotary parts with complex geometry, various sizes, and high precision requirements, which can finish axial milling, radial groove, plane milling, drilling, reaming, tapping, etc.

The main parameters		NL161T	NL251T	NL322T	NL402T	NL502T	NL504T	NL635T
Max. swing over bed	mm	Φ500	Φ550	Φ570	Φ650	Φ600	Φ600	Φ650
Max. cutting dia	mm	Φ240	Φ350[Φ290]	Φ320	Φ400	Φ430	Φ430	Φ540[Φ630]
Max. cutting length	mm	320	395[325]	475[500]	460[500]	500	1000	1500
Motor power	kW	7	7.5/11	11	11	11	11	17
Spindle speed	rpm	6000	5000	4000	4000	3000	3000	2000

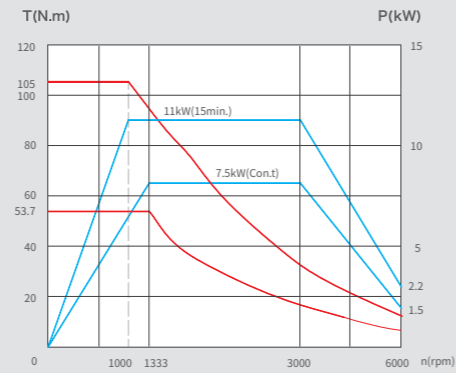
Spindle Power Torque Diagram

(Unit: mm)

NL161T



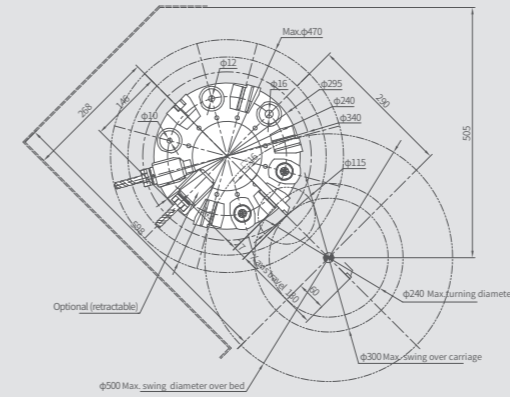
NL251T, NL253T



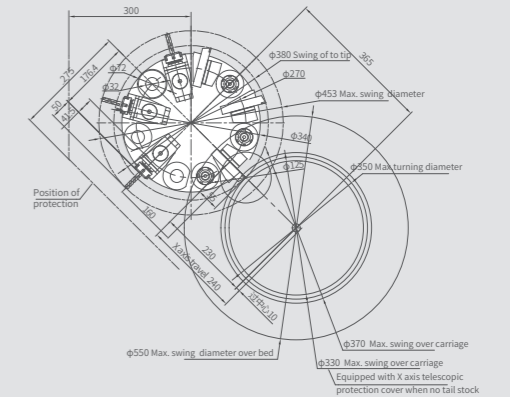
Tool Interference Diagram

(Unit: mm)

NL161T



NL251T, NL253T

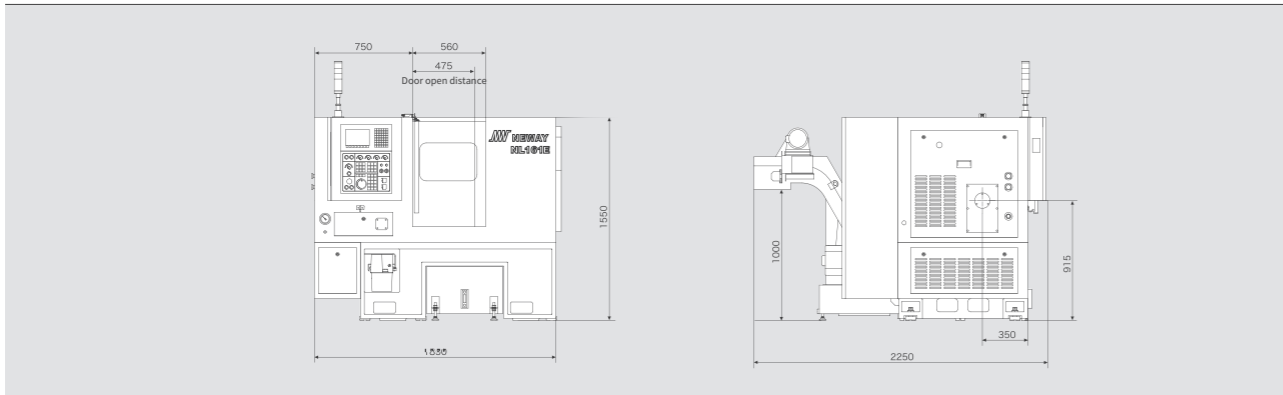




External Dimensions

(Unit: mm)

NL161T



NL251T, NL253T

Models	A	B	C	D	E	F	G	H	I
NL251T	3660	1790	1820	1000	2675	2290	165	523	600
NL253T	4160	1820	1820	1000	3395	3010	0	540	765

NL322T, NL324T, NL402T, NL404T

Models	A	B	C	D	E	F	G	H	I
NL322T	4570	1845	1955	1000	3565	2995	170	535	740
NL324T	5070	1845	1955	1000	4065	3495	170	535	890
NL402T	4570	1885	1955	1000	3565	2995	170	535	740
NL404T	5070	1885	1955	1000	4065	3495	170	535	890

Item	Unit	NL161T	NL251T	NL253T	NL322T	NL324T	NL402T	NL404T	NL502T	NL504T	NL634T	NL635T	NL636T	NL638T	NL635T			
Processing range	Max. swing over bed	mm	Φ500	Φ550	Φ550	Φ570	Φ570	Φ650	Φ650	Φ600	Φ600	Φ650	Φ650	Φ650	Φ650	Φ720		
	Max. swing over saddle	mm	Φ300	Φ330	Φ370	Φ400	Φ400	Φ480	Φ480	Φ450	Φ450	Φ410	Φ410	Φ450	Φ450	Φ530		
	Max. turning diameter	mm	Φ240	Φ350[Φ290]	Φ350[Φ290]	Φ320	Φ320	Φ400	Φ400	Φ430	Φ430	Φ540[Φ630]	Φ540[Φ630]	Φ540[Φ630]	Φ540[Φ630]	Φ630		
	Max. turning length	mm	320	395[325]	795[725]	475[500]	955[1000]	460[500]	940[1000]	500	1000	1000	1500	2000	3000	1500		
	Max. bar capacity	mm	Φ44	Φ44	Φ44	Φ51	Φ51	Φ51	Φ51	Φ51	Φ51	Φ89	Φ89	Φ89	Φ89	Φ74		
Spindle	Max. spindle speed	rpm	6000	5000	5000	4000	4000	4000	4000	3000	3000	2000	2000	2000	2000	2000		
	Spindle nose	ISO	A2-5	A2-6	A2-6	A2-6	A2-6	A2-6	A2-6	A2-6	A2-6	A2-8	A2-8	A2-8	A2-11	A2-11		
	Spindle bore	mm	Φ56	Φ56	Φ56	Φ65	Φ65	Φ65	Φ65	Φ65	Φ65	Φ102	Φ102	Φ102	Φ102	Φ100		
	Spindle taper	-	Morse 6#	Morse 6#	Morse 6#	Metric 80	Metric 80	Metric 80	Metric 80	Metric 80	Metric 80	Metric 120	Metric 120	Metric 120	公制120	Metric 120		
	Height from spindle center to ground	mm	915	1000	1000	1000	1000	1000	1000	1000	1000	1100	1100	1100	1100	1105		
Hydraulic tailstock	Tailstock quill	mm	-	-	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100	Φ100	Φ130	Φ130	Φ130	Φ130	Φ160		
	Tailstock quill travel	mm	-	-	100	100	100	100	100	100	100	100	100	100	180			
	Tailstock quill center	Morse	-	-	5#(Live center)	5#(Live center)	5#(Live center)	5#(Live center)	5#(Live center)	5#(Live center)	5#	5#	5#	5#	5#			
Axis X/Z	Travel X/Z	mm	180/350	240/430	240/830	235/530	235/1050	275/530	275/1050	295/550	295/1050	355/1100	355/1600	355/2100	355/3100	350/1600		
	Rapid travel speed X/Z	m/min	30/30	24/30	24/30	24/30	24/30	24/30	24/30	12/16	12/16	8/12	8/12	8/12	8/10	8/12		
	X axis Ball screw Dia/Pitch	mm	Φ32/10	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ32/8	Φ40/10	Φ40/10		
	Z axis Ball screw Dia/Pitch	mm	Φ32/10	Φ32/10	Φ32/10	Φ40/12	Φ40/12	Φ40/12	Φ40/12	Φ40/10	Φ40/10	Φ40/10	Φ40/10	Φ40/10	Φ50/12	Φ50/10		
Hydraulic Turret	Tool position	mm	12(VDI 20)	12(VDI 30)[BMT55]	12(VDI 30)[BMT55]	12(BMT55)[VDI 40]	12(BMT55)[VDI 40]	12(BMT55)[VDI 40]	12(BMT55)[VDI 40]	12(BMT55)[VDI 40]	12(BMT55)[VDI 40]	12(VDI 40) [BMT55]	12(VDI 40) [BMT55]	12(VDI 40)[BMT55]	12(VDI 40)[BMT55]	12(VDI 50)[BMT65]		
	Max. live tool speed	rpm	4000	5000[6000]	5000[6000]	6000[5000]	6000[5000]	6000[5000]	6000[5000]	4000	4000	5000[6000]	5000[6000]	5000[6000]	5000[6000]	4000[5000]		
	Turning tool shank size	mm	16×16	20×20[25×25]	20×20[25×25]	25×25	25×25	25×25	25×25	25×25	25×25	25×25	25×25	25×25	25×25	32×25[25x25]		
	Max. boring tool holder	mm	Φ16	Φ25[Φ32]	Φ25[Φ32]	Φ32	Φ32	Φ32	Φ32	Φ32	Φ32	Φ40[Φ32]	Φ40[Φ32]	Φ40[Φ32]	Φ40[Φ32]	Φ50[Φ40]		
	Max. drilling capacity	mm	Φ12×0.14	Φ14×0.15	Φ14×0.15	Φ14×0.16 [Φ16×0.2]	Φ14×0.16 [Φ16×0.2]	Φ14×0.16 [Φ16×0.2]	Φ14×0.16 [Φ16×0.2]	Φ14×0.16 [Φ16×0.2]	Φ14×0.16 [Φ16×0.2]	Φ16×0.2 [Φ14×0.16]	Φ16×0.2 [Φ14×0.16]	Φ16×0.2 [Φ14×0.16]	Φ16×0.2 [Φ14×0.16]	Φ20×0.23 [Φ16×0.2]		
	Max. tapping capacity	mm	M8×1.5/M14×1	M10×1.5/M24×1	M10×1.5/M24×1	M10×1.5/M24×1 [M14×2/M20×1.5]	M10×1.5/M24×1 [M14×2/M20×1.5]	M10×1.5/M24×1 [M14×2/M20×1.5]	M10×1.5/M24×1 [M14×2/M20×1.5]	M10×1.5/M24×1 [M14×2/M20×1.5]	M10×1.5/M24×1 [M14×2/M20×1.5]	M14×2/M20×1.5 [M10×1.5/M24×1]	M14×2/M20×1.5 [M10×1.5/M24×1]	M14×2/M20×1.5 [M10×1.5/M24×1]	M14×2/M20×1.5 [M10×1.5/M24×1]	M18×2/M27×1.5 [M14×2/M20×1.5]		
	Max. milling capacity	mm	Φ12×8×45	Φ20×10×40	Φ20×10×40	Φ16×12×40 [Φ20×12×40]	Φ16×12×40 [Φ20×12×40]	Φ16×12×40 [Φ20×12×40]	Φ16×12×40 [Φ20×12×40]	Φ16×12×40 [Φ20×12×40]	Φ16×12×40 [Φ20×12×40]	Φ20×12×40 [Φ16×12×40]	Φ20×12×40 [Φ16×12×40]	Φ20×12×40 [Φ16×12×40]	Φ20×12×40 [Φ16×12×40]	Φ22×25×40 [Φ20×12×40]		
Machining accuracy	Positioning accuracy	X/Z/C	mm	0.006/0.006/51"	0.006/0.006/51"	0.008/0.008/51"	0.008/0.008/51"	0.008/0.008/51"	0.010/0.010/51"	0.010/0.010/51"	0.010/0.012/51"	0.010/0.012/51"	0.012/0.016/51"	0.012/0.016/51"	0.016/0.040/51"	0.012/0.016/51"		
	Repeatability accuracy	X/Z/C	mm	0.004/0.004/20"	0.004/0.004/20"	0.004/0.004/20"	0.004/0.004/20"	0.004/0.004/20"	0.004/0.004/20"	0.005/0.007/20"	0.005/0.007/20"	0.006/0.008/20"	0.006/0.008/20"	0.007/0.020/20"	0.007/0.022/20"	0.006/0.008/20"		
Other	Machine power capacity	kVA	20	25	40	40	40	40	40	40	40	55	55	55	55	55		
	Machine dimension (L x W x H)	mm	1850×2250×1550	3660×1790×1820	4160×1820×1820	4570×1845×1955	5070×1845×1955	4570×1885×1955	5070×1885×1955	4250×1880×1950	4750×1880×1875	5467×1945×2075	6007×1997×2145	6834×2165×2135	8020×2235×2125	6530×2300×2360		
	Machine weight	kg	2600	3500	4200	4200	4400	4400	4600	4300	4800	7500	8100	8800	10000	13000		
	CNC system		SIEMENS								SIEMENS							
	Spindle motor power	kW	7	7.5/11	7.5/11	11	11	11	11	11	11	17	17	17	17	21.2		
	Motor torque X/Z	N.m	7/7	7/7	7/7	11/11	11/11	11/11	11/11	11/11	11/11	11/16	11/16	11/16	11/20	20/20		
	Hydraulic chuck	inch	hollow 6" [solid 6"/solid(hollow)8"]	Solid 8" [Solid 8"/solid(hollow)10"]	hollow 8" [Solid 8"/solid(hollow)10"]	Solid 8" [Hollow 8"/solid(hollow)10"]				Solid 10" [Hollow 10"/solid(hollow)12"]				Solid 12" [Hollow 12"]				Hollow 15" [15" solid]
Automatic chip conveyor	-	Automatic rear chip conveyor	Automatic right chip conveyor [Automatic left chip conveyor/Automatic rear chip conveyor]				Automatic right chip conveyor [Automatic left chip conveyor/Automatic rear chip conveyor]				Automatic right chip conveyor [Automatic left chip conveyor]				Automatic right chip conveyor			

**Standard on Neway Lathes:**

Hard jaws, special chuck, automatic tool measurement, steady rest, automatic door, additional tool attachment, air-blow mechanism, bar feeder, oil mist collector, oil skimmer, tailstock travel inspection, high-pressure coolant chip break, parts catcher.

**Optional on Neway Lathes:**

Hard jaws, special chuck, automatic tool measurement, steady rest, automatic door, additional tool attachment, air-blow mechanism, bar feeder, oil mist collector, oil skimmer, tailstock travel inspection, high-pressure coolant chip break, parts catcher.