



Headquarter

Headquarter

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Production Line

1st Factory

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2nd Factory

No.35, 36th Road, Industrial Park
Taichung City 40768, Taiwan (R.O.C.)

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Multi-tasking
2 Models



Auto Pallet Change
2 Models



Vertical
49 Models



Tapping
4 Models



Horizontal
4 Models

Turning Lathe

SL-AUG-2015-ENG

General

AKIRA-SEIKI devotes to build up turning center with stability and friendly operation. From chuck size 6" to 18" that we provide a wide range of production.



GT12

2 Axis Turning Model

GT12

**SL15
SL20**

2 Axis Turning Model

SL15
SL20

SL25

2 Axis Turning Model

SL25

3 Axis Turning Model

SL25MC

SL30

2 Axis Turning Model

SL30 / SL30L

3 Axis Turning Model

SL30MC / SL30LMC

SL35

2 Axis Turning Model

SL35 / SL35L

3 Axis Turning Model

SL35MC / SL35LMC

SL40

2 Axis Turning Model

SL40 / SL40L

Structure

AKIRA-SEIKI Turning Center casting are steady to perform outstandingly dynamic accuracy and vibration absorption while rapid cutting.



MEEHANITE High Quality Casting Iron

assures permanent rigidity and accuracy for each AKIRA SEIKI machine casting frame by the authorized Meehanite foundries.

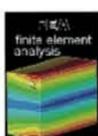
Stable Head Cartridge

Feature in high rigidity and acceleration efficiency. Fully support from stable head stock and drive by high horsepower output covering spindle speed, AKIRA-SEIKI SL model can operated heavy loads with high quality and polished surface finishing in higher speed new cutting technology way.

Head Stock Thermal Control

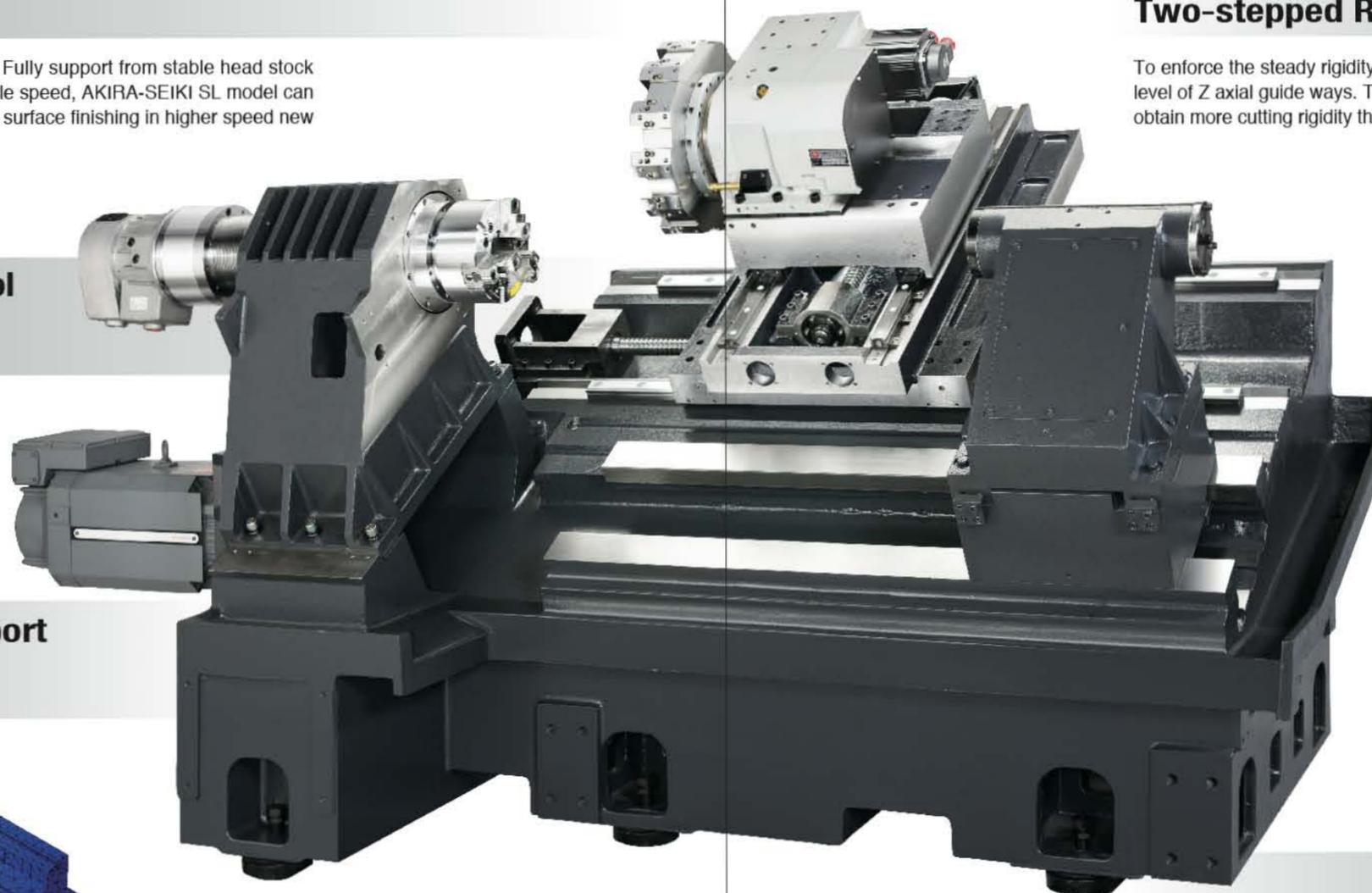
The spindle headstock is of one-piece casting reinforced with thermal to prevent heat extension and ensure the life time of spindle bearing.

Scientific Technology Support



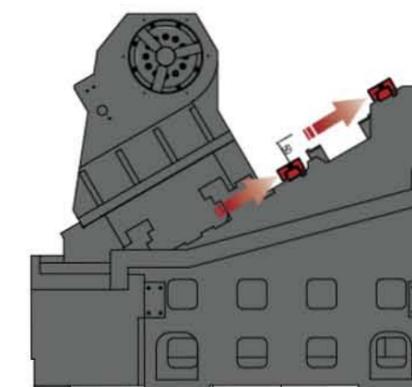
Physical rigidity are ensured for all AKIRA-SEIKI Turning Center in the primary design progress by advanced digital assay tool. All structural frames apply COSMOS system for analysis to optimize rigid mechanism foundation.

Digital FEA (Finite Element Analysis) scientifically demonstrates rigid structure and approves excellent dynamic accuracy and vibration absorb by advanced digital assay tool.



Two-stepped Rigid Base Support

To enforce the steady rigidity while fast feeding cut, Turning Center base designed in dual level of Z axial guide ways. This increased contact face by both lower and upper guide way obtain more cutting rigidity than conventional only-one contact face.

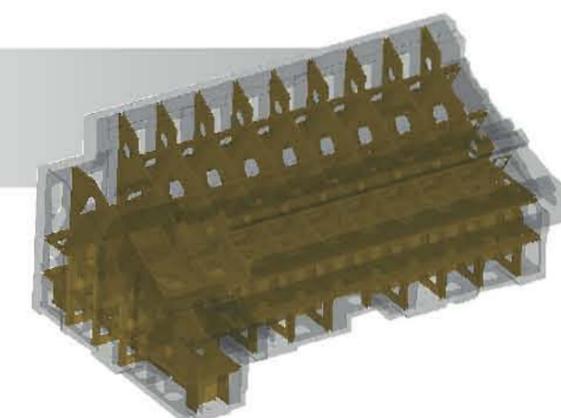


AKIRA-SEIKI SL models with fully two-stepped guide ways with fully balance contact support. (Available for SL30(L)(MC)/ SL35(L)(MC) / SL40(L) only)

Reinforced Frame Construction

AKIRA-SEIKI Turning Center casting are steady as rock to perform excellent dynamic accuracy and vibration absorption while rapid cutting.

The internal ribs of each key casting elements like base, column, head-cartridge and saddles are enforced for deformation-resistant and anti-damp vibration.



Patent

AKIRA-SEIKI Turning Center Patent

Easier alignment of spindle center when machine gets crashed and spindle displacement.



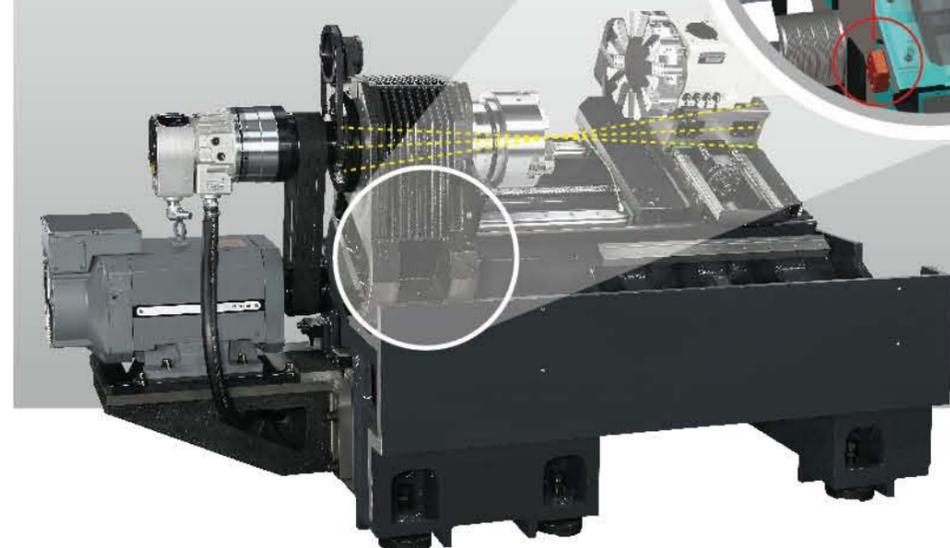
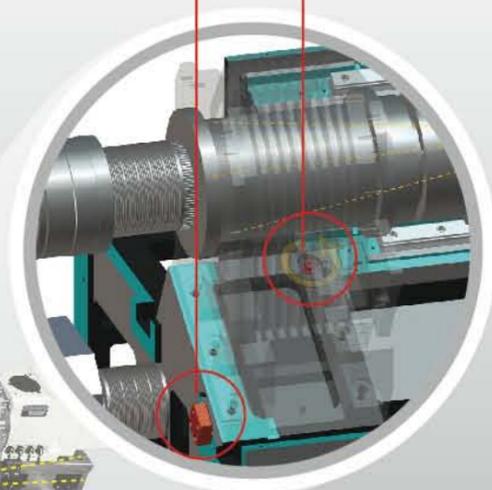
Guide Pin

For aligning the casting properly with the work.



Adjusting Block

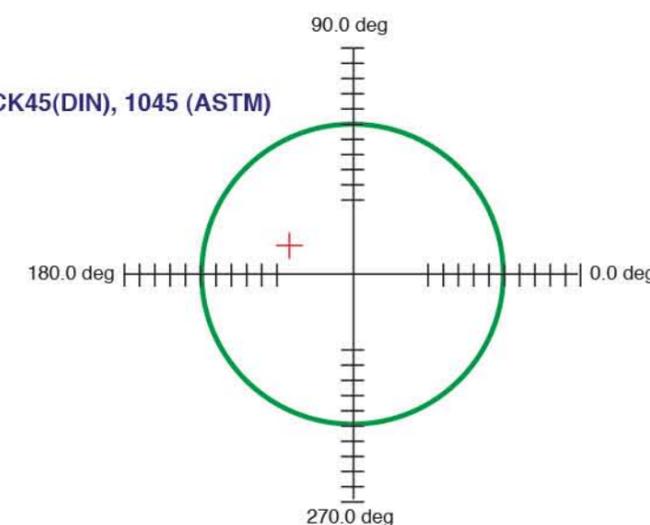
Readjust the center easier by guide pin.



High Precision

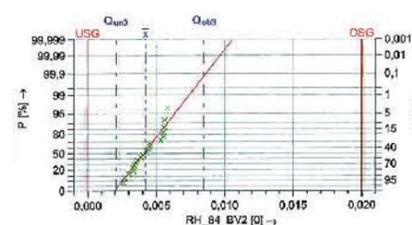
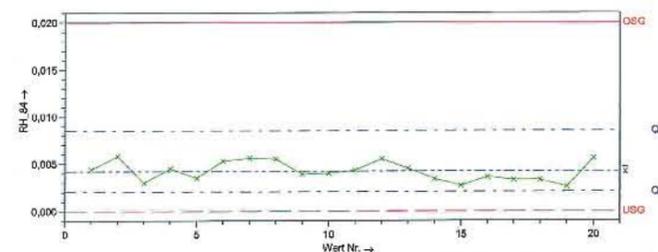
Roundness (Turning)

Machine Type : SL20
 Material : S45C Steel (JIS), CK45(DIN), 1045 (ASTM)
 Hardness: HRC60
 Tool : CBN160C
 Spindle speed : 500 rpm
 Machining diameter : \varnothing 65 mm
 Feed rate : 0.05 mm/rev
 Roundness : Ra 0.6 μ m



Surface Roughness Rz 0.97

(Under customer customized application)



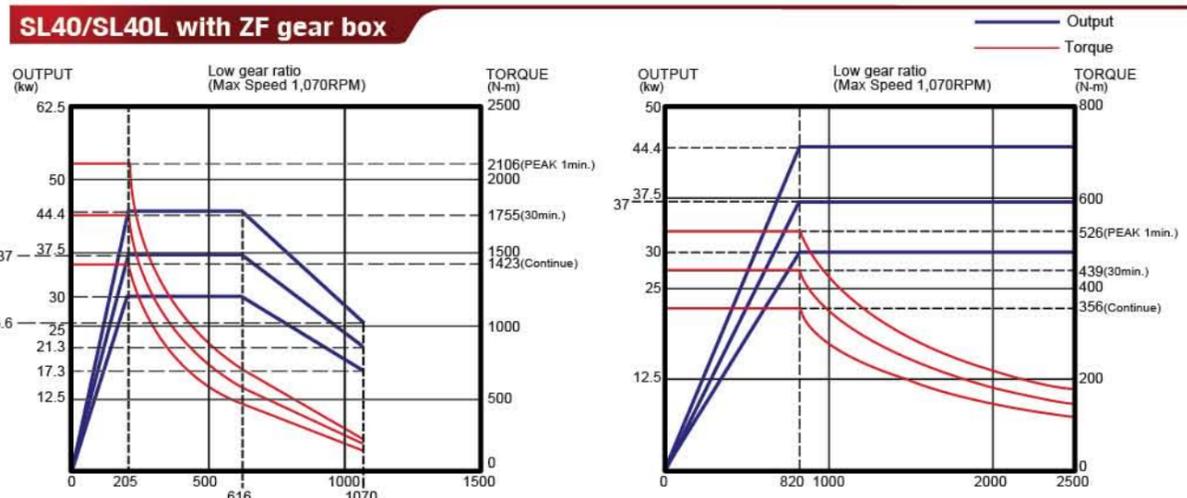
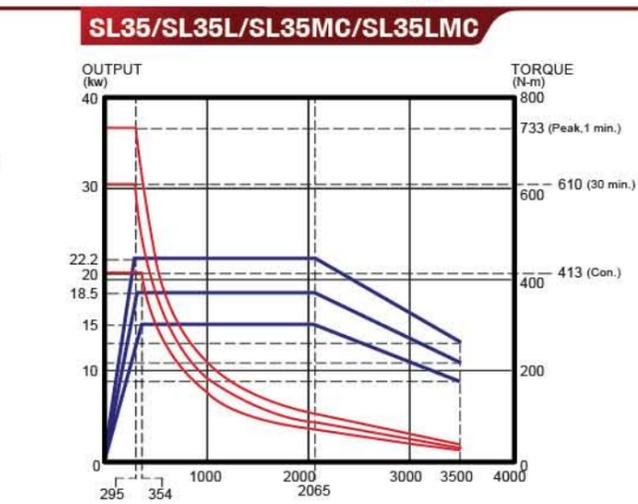
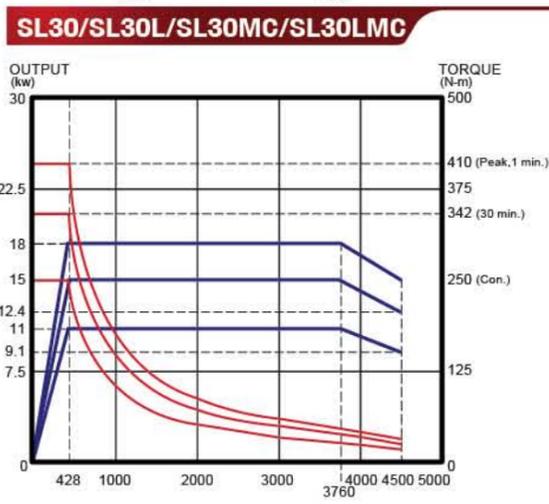
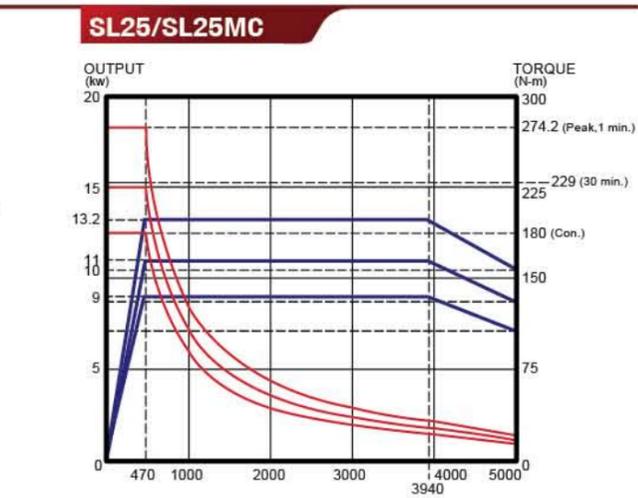
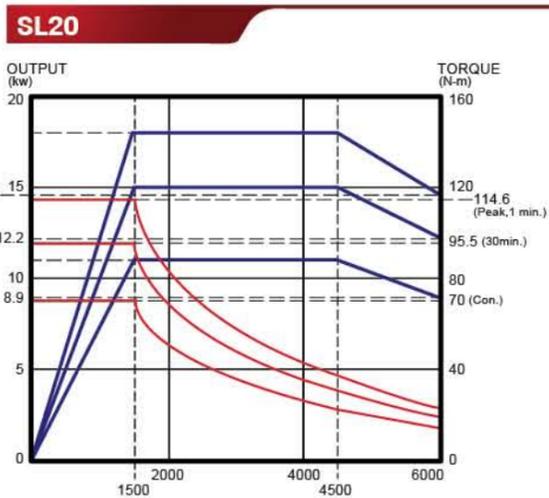
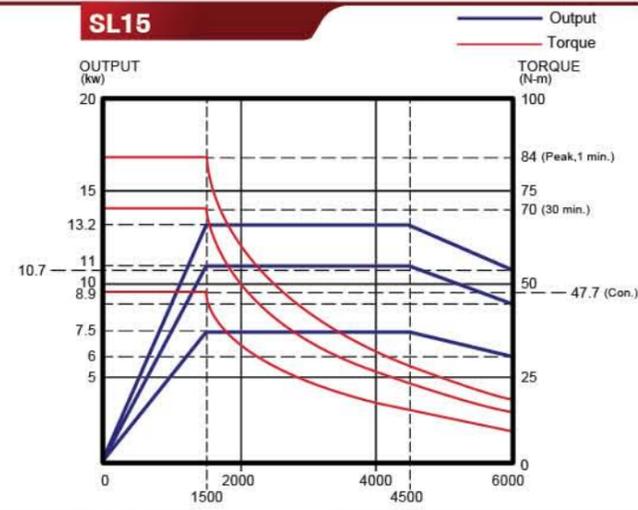
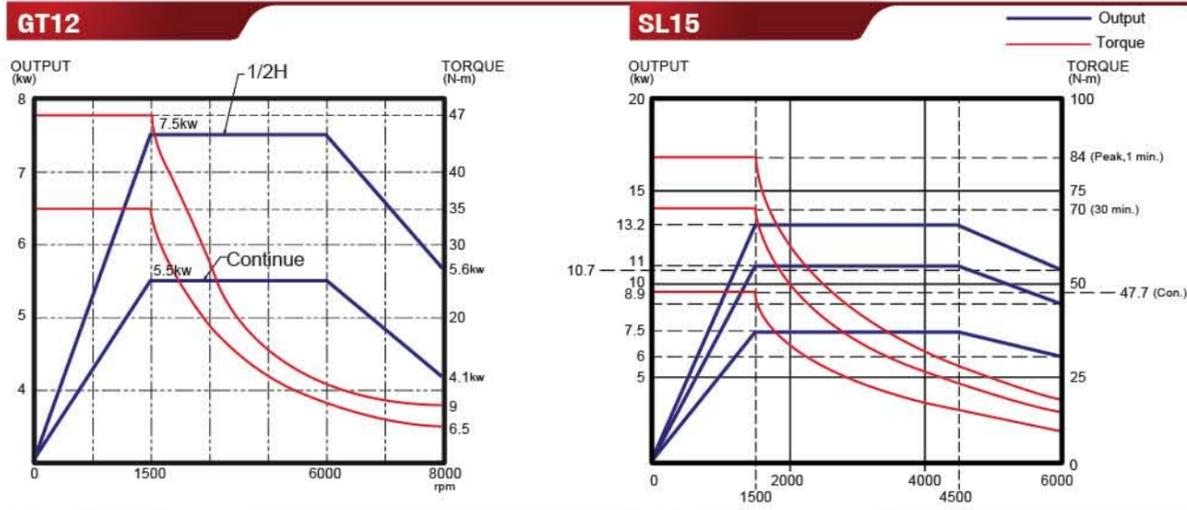
Measured values

X min	0.0026
X max	0.0058
R	0.0032
n <T>	20
n >OSG	0
n <USG	---
n eff	---
n ges	20



Spindle Feature

World class servo spindle drive and motor to seize the essential technology to increase low speed torque and constant high horsepower output covering wide spindle speed.



Turning Capacity

material: S45C (JIS)

Heavy-duty cutting (O.D)	SL30	SL35
Depth of cut :	7 mm	7 mm
Spindle speed :	750 min ⁻¹	800 min ⁻¹
Feed rate :	0.3 mm/rev	0.4 mm/rev
Cutting speed :	200 m/min	216 m/min
Material removal rate :	485 mL/min	676 mL/min
Throw-away drill		
Depth of cut :	∅56 mm	∅56 mm
Spindle speed :	1023 min ⁻¹	1136 min ⁻¹
Feed rate :	0.2 mm/rev	0.25 mm/rev
Cutting speed :	90 m/min	100 m/min
Material removal rate :	450 mL/min	625 mL/min
O.D Grooving		
Groove width :	∅8 mm	∅10.5 mm
Spindle speed :	286 min ⁻¹	341 min ⁻¹
Feed rate :	0.4 mm/rev	0.5 mm/rev
Cutting speed :	90 m/min	120 m/min

AKIRA Mⁱ 745 Control

AKIRA Mⁱ 745 coordinate the CNC digital and world leader drives system. High-Resolution servo stabilize precise axis positioning for high complex and accuracy jobs.



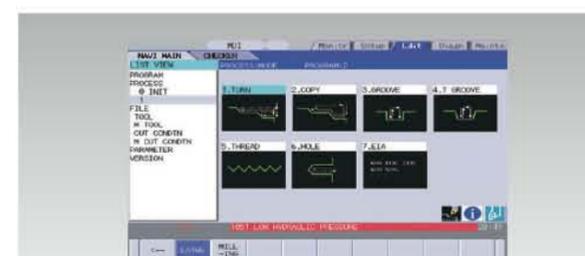
	GT12 · SL15 · SL20	SL25(MC) · SL30(L)(MC) SL35(L)(MC) · SL40(L)
● : Standard ▲ : Option X : N/A		
CPU Processor / Base Specification		
RISC CPU processor	RISC 64 bit	RISC 64 bit
Memory capacity (1m=0.4KB)	512KB (1,000)	● 512KB ▲ 2MB (1,000)
number of programs stored	1000 programs	1000 programs
Extended workpiece coordinate system selection (sets)	48 sets	48 sets
Workpiece coordinate system preset (G92.1)	●	●
Max. sets of variable	● 600 Sets	● 700 Sets
Max. number tool offset sets	● 80 Sets	● 80 Sets
Display Unit Related Specification		
8.4 inch color TFT LCD	●	X
10.4 inch color TFT LCD	X	●
Language Display & Graphic Check Related Function		
Display language selection	17	17
2D Graphic check and trace	●	●
Operation related functions		
Front CF card mode	●	●
USB memory I/F	●	●
Ethernet Interface	●	●
NC-Explorer	●	●
Operation & G-Code guidance	●	●
Alarm & Parameter guidance	●	●
NC data backup (Automatic & Manual)	●	●
Manual speed command (Program check by Handle)	●	●
Simple programming function		
NAVI-LATHE	●	●
Programming support related functions		
Helical interpolation (G17~G19+G02/G03)	●	●
Cylindrical interpolation (G07.1/G107)	●	●
Polar coordinate interpolation (G12.1/G13.1)	●	●
Milling interpolation	X	●
Coner Chamfering / Cornr Rounding /Geometric	●	●
Linear angle command	●	●
Multi-start thread cutting	●	●
Finished shape chamfering (G71 / G72)	●	●
Pecking tapping cycle / deep hole tapping cycle	●	●
Simple handle tool length measurement	●	●

Faster, Easier Program Edition

Progressive Programming Guidance

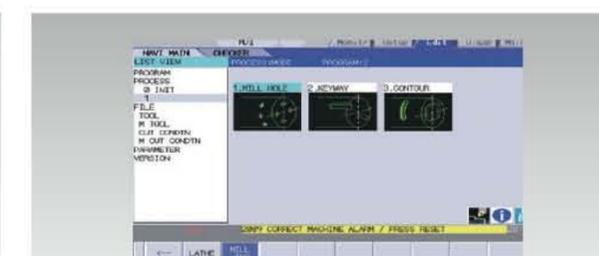
Conversational Programming

The friendly interactive message by machining icons to guide users for programming before practical operation. Various processing models can be selected to satisfy basic turning and turn-milling complex application.



Turn Icon
Turn Menu **7** main option
Total **20** processing models

Turn Hole Drilling Threading
Grooving Copy Cut Trapezoid



Mill Icon
Turn Menu **3** main option
Total **10** processing models

Milling Hole Keyway Cut Contour Cut

Magipro-NAVI LATHE on PC and Lathe

Graphic Check

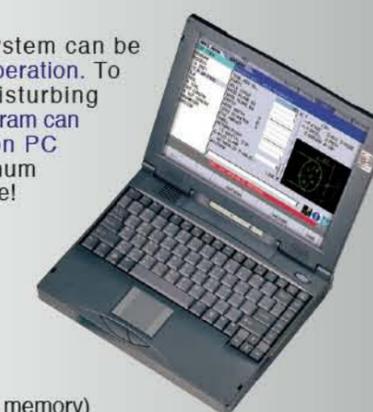
The operator can check the completed NC programs by previewing simulation through the tool path graphic checker function.



The easy programming system can be applied in users' own PC operation. To save efficiency without disturbing machine processing, the program can be edited and simulated on PC before practical cut. Optimum application for training purpose!

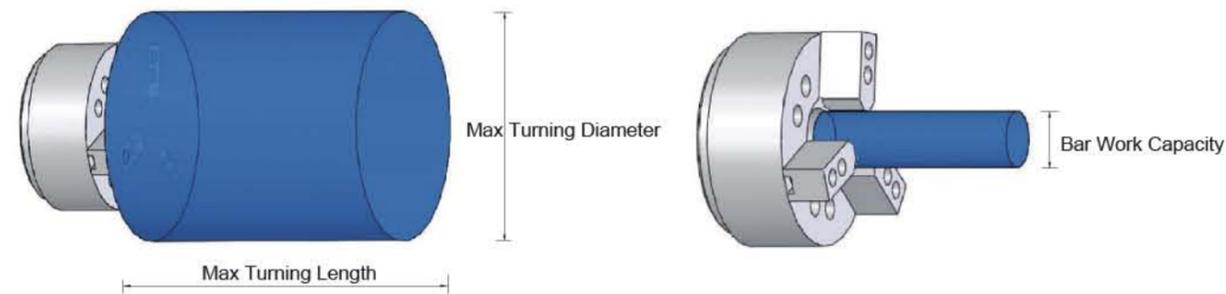
Items such as machining programs, tool files and cutting-condition files can be sharing between the NAVI programs on CNC Lathe and PC.

(by Compact flash card / USB memory)

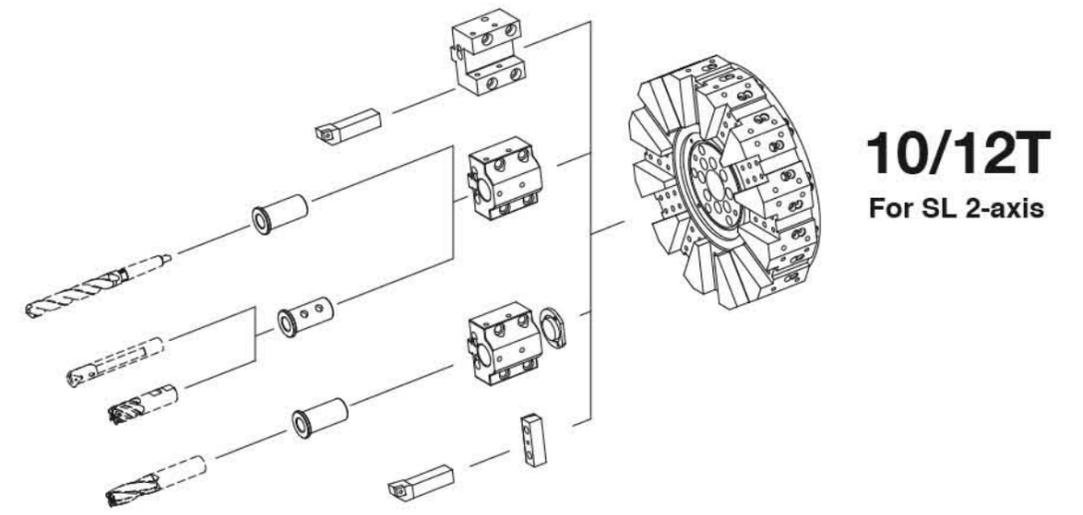


Dimension of Workpiece

Tooling System

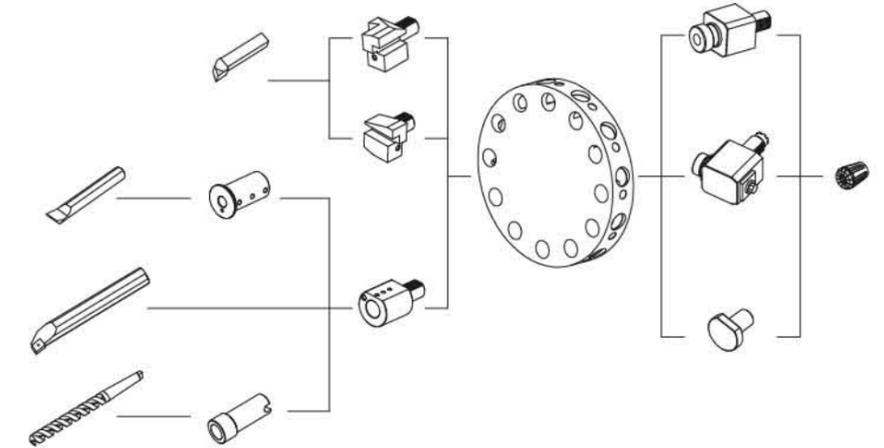


	GT12	SL15	SL20	SL25	SL30 / SL30L	SL35 / SL35L	SL40
mm / inch				SL25MC	SL30MC / SL30LMC	SL35MC / SL35LMC	SL40L
Swing Over Bed	400 / 15.7	450 / 17.7	450 / 17.7	530 / 20.9	600 / 23.6	650 / 25.6	750 / 29.5
Max. Over Cross Slide	-	280 / 11	280 / 11	350 / 13.8	400 / 15.7	450 / 17.7	550 / 21.7
Draw Tube Bore	42 / 1.7	42 / 1.7	45 / 1.8	52 / 2.0	65 / 2.6	78 / 2.6	103 / 4.1
Max. Cutting Diameter	-	280 / 11	280 / 11	350 / 13.8 280 / 11	400 / 15.7 330 / 13	400 / 15.7 360 / 14.2	550 / 21.7
Max. Cutting Length	200 / 7.9	200 / 7.9	330 / 13	400 / 15.7 380 / 15	600 (23.6) / 1000 (39.4) 540 (21.26) / 940 (37)	600 (23.6) / 1000 (39.4) 540 (21.26) / 940 (37)	950 (37.4) 1500 (59)



10/12T
For SL 2-axis

12T
Power Tool Turret
for SL-MC
(Optional)



Model and Turret	GT12	SL15 SL20	SL25	SL30 SL30L SL35 SL35L	SL40 SL40L	SL25MC	SL30MC SL30LMC SL35MC SL35LMC
	Gang Tool Seat	Polygon 10T	Polygon 12T	Polygon 12T	Polygon 12T	Power Turret 12T VDI30 Axial	Power Turret 12T VDI30 Axial
Tool holder	Spec x Q'ty						
ID tool holder	∅16x6	∅25x4	∅32x4	∅40x4	∅50x4	N/A	N/A
Boring bar sleeve	∅6/8/10/12/16 x1	∅8/10/12/16/20 x1	∅8/10/12/16 20/25 x1	∅8/10/12/16/20 25/32 x1	∅8/10/12/16/20 25/32/40 x1	N/A	N/A
OD tool holder	□ 20x2	□ 20x7	□ 20x8	□ 25x8	□ 32x8	N/A	N/A
Face tool holder	N/A	x1	x1	x1	x1	N/A	N/A
Axial VDI tool holder	N/A	N/A	N/A	N/A	N/A	OPT	OPT
Radial VDI tool holder	N/A	N/A	N/A	N/A	N/A	OPT	OPT

Accessories

Automation bar handling & Ergonomics for parts handling

designed for increasing liner productivity that easily set-up and short cycle time for bar loading. Accept various bar shape also for square and hexagonal materials.

Part Catcher (Option)

No need to interrupt the operation and open door to collect the complete parts manually, the parts catcher automatically swings into the position to catch up the completed parts and gather them in a bin.



Part Conveyor (Option)

A recommended device to combined the application of parts feeder automation, the parts conveyor is driven by initial command to carry the parts by safe distance from each. All these complete parts are delivered into another finished part storage made by users.



Bar Feeder (Option)

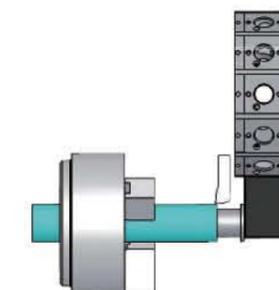
Easy set-up and short cycle time for bar loading. Accept various bar shape also for square and hexagonal materials.



Convenience built-in software to easy the setting and satisfy variable bar turning application.

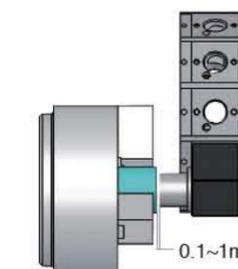
Cut Off

First cut off for datum



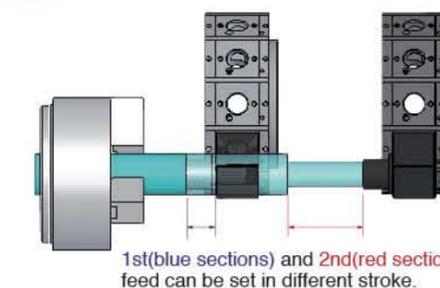
Safe Bar Forward

Regular bar length feeding, the turret stays in set safe distance (from 0.1~1mm by operator's setting) from part datum to bar stopper and then move in Z axial direction together with bar feeding. Instead of conventional bar-feeding stops while part pushing turret, Akira Seiki smart software to serve safe buffer distance saves turret from crashing by bar length error setting.



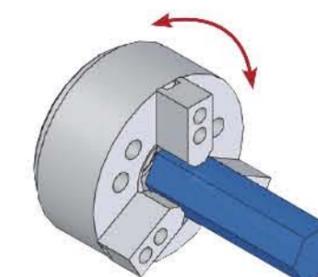
Multi Section Bar Feeding

Unlike conventional all processing strokes feeding at once, Akira Seiki SL smart software allow the bar feed by multi length setting. This reserves best cutting rigidity for long part material in multi sectional turning process.



Polygon-Shaped Bar Feeding

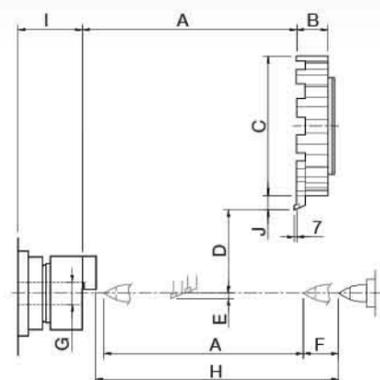
Only by parameter setting, the spindle orientation by jogging is available minimum 15 degree for each indexing as each single-step indexing. This spindle jogging orientation provides ensured secure clamping for polygon shape bars.



Working Envelope

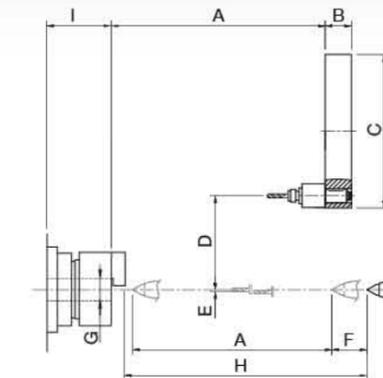
10T/12T Turret for 2 axis model

	GT12	SL15	SL20	SL25	SL30 SL30L	SL35 SL35L	SL40 SL40L
A	220 / 8.7	220 / 8.7	350 / 13.8	435 / 17.1	610 / 24 1010 / 39.8	630 / 24.8 1025 / 40.3	975 / 28.3 1525 / 60
B	--	80 / 3.1	80 / 3.1	80 / 3.1	90 / 3.5	90 / 3.5	135 / 5.3
C	--	272 / 10.7	272 / 10.7	316 / 12.4	400 / 15.7	410 / 16.1	520 / 20.5
D	--	150 / 5.9	150 / 5.9	195 / 7.7	220 / 8.7	235 / 9.3	285 / 11.2
E	--	10 / 0.4	10 / 0.4	15 / 0.6	20 / 0.8	20 / 0.8	25 / 1
F	--	--	80 / 3.2	100 / 3.9	100 / 3.9	100 / 3.9	100 / 3.9
G	42 / 1.7	42 / 1.7	45 / 1.8	52 / 2	65 / 2.6	78 / 3.1	117.5 / 4.6
H	--	--	400 / 15.7	630 / 24.8	770 / 30.3 1170 / 46	930 / 36.6 1323 / 52	1103.5 / 43.4 1653.5 / 65
I	185 / 7.3	194 / 7.7	161 / 6.3	182.5 / 7.19	183 / 7.2	186 / 7.32	239 / 9.4
J	--	30 / 1.1	30 / 1.1	30 / 1.1	40 / 1.57	40 / 1.57	45 / 1.77



Axial type 12T VDI Turret for SL-MC

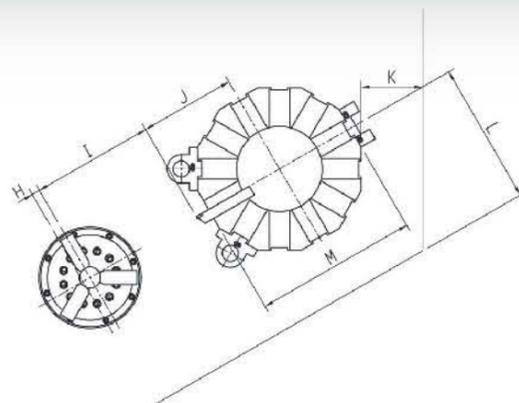
	SL25MC	SL30MC SL30LMC	SL35MC SL35LMC
A	435 / 17.1	600 / 23.6 1000 / 39.3	600 / 23.6 1000 / 39.3
B	67 / 2.6	76 / 2.99	76 / 2.99
C	440 / 17.3	440 / 17.3	440 / 17.3
D	195 / 7.68	220 / 8.66	235 / 9.25
E	--	--	--
F	100 / 3.9	100 / 3.9	100 / 3.9
G	52 / 2	65 / 3	78 / 3.1
H	630 / 24.8	770 / 30.31 1170 / 40.06	880 / 34.65 1280 / 50.39
I	182.5 / 7.2	183 / 6.8	186 / 7.32



Tooling Interference

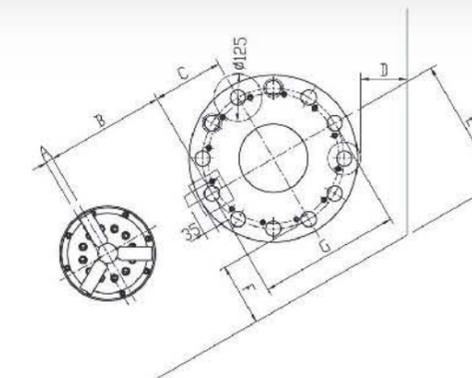
Polygon 10/12T Turret for 2 axis model

	GT12	SL15 SL20	SL25	SL30 SL30L	SL35 SL35L	SL40 SL40L
H	--	10 / 0.4	15 / 0.59	20 / 0.8	20 / 0.8	25 / 0.98
I	--	150 / 5.9	195 / 7.7	220 / 8.7	235 / 9.3	285 / 11.2
J	--	166 / 6.5	188 / 7.4	240 / 9.4	245 / 9.6	305 / 12
K	--	102 / 4.02	95 / 3.7	122 / 4.8	145 / 5.7	99 / 3.9
L	--	245 / 9.6	299.5 / 11.7	345 / 13.5	349 / 13.4	385 / 15.16
M	--	272 / 10.7	316 / 12.4	400 / 15.7	410 / 16.1	520 / 20.5

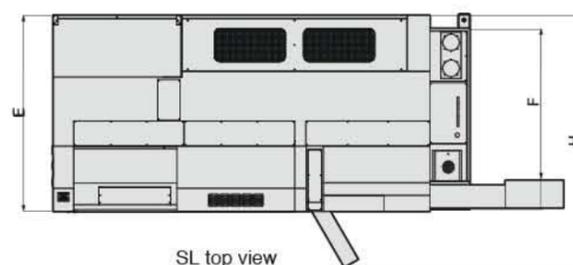
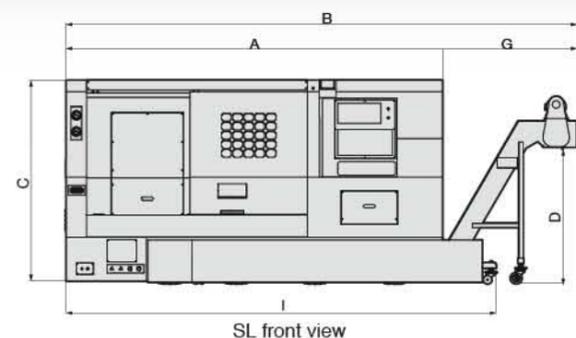


Axial type 12T VDI Turret for SL-MC

	SL25MC	SL30MC SL30LMC	SL25
A	5 / 0.2	5 / 0.2	5 / 0.2
B	195 / 7.67	220 / 8.7	235 / 9.25
C	185 / 7.28	185 / 7.28	185 / 7.28
D	80 / 3.15	141 / 5.5	167 / 6.57
E	299.5 / 11.7	345 / 13.5	330 / 12.9
F	114 / 4.4	159 / 6.2	145 / 5.7
G	370 / 14.57	370 / 14.57	370 / 14.57



Machine Measurement



mm / inch	A	B	C	D	E	F	G	H	I
GT12	1800 / 70.9	2715 / 106.9	1772 / 69.8	866 / 34.1	1540 / 60.6	1100 / 43.3	915 / 36	--	2165 / 85.2
SL15 / SL20	1770 / 69.6	2678 / 105.4	1775 / 69.8	821 / 32.3	1335 / 52.5	1100 / 43.3	908 / 35.7	--	2135 / 84.06
SL25(MC)	2450 / 96.4	3466 / 136.4	1720 / 67.7	1203 / 47.3	1500 / 59	--	1016 / 40	1880 / 74	2450 / 96.4
SL30(MC)	2930 / 115.3	4112 / 161.8	1810 / 71.2	1218 / 47.9	1745 / 68.7	1630 / 64.2	1182 / 46.5	2240 / 88.2	3402 / 133.9
SL30L(MC)	3330 / 131.1	4512 / 177.6	1810 / 71.2	1218 / 47.9	1745 / 68.7	1630 / 64.2	1182 / 46.5	2240 / 88.2	3802 / 149.6
SL35(MC)	3050 / 120	4326 / 170.3	1910 / 75.2	1204 / 47.4	1844 / 72.6	1700 / 66.9	1276 / 50.2	2340 / 92.1	3630 / 142.9
SL35L(MC)	3450 / 135.8	4726 / 186	1910 / 75.2	1204 / 47.4	1844 / 72.6	1700 / 66.9	1276 / 50.2	2340 / 92.1	4030 / 158.6
SL40	3900 / 153.5	5120 / 201.5	1995 / 78.5	1225 / 48.2	2165 / 85.2	1750 / 68.9	1220 / 48	2745 / 108.1	4395 / 173
SL40L	4520 / 177.9	5740 / 225.9	1995 / 78.5	1225 / 48.2	2165 / 85.2	1750 / 68.9	1220 / 48	2745 / 108.1	5010 / 197.2

Specification

		Performa SL 2-Axis Turning			
		GT12	SL15	SL20	SL25
CONTROL SYSTEM		AKIRA M ₇ 745 (Fanuc G code compatible)			
APPLICATION		X+Z			
CAPACITIES					
Max. Swing Over Bed & Front Cover	mm/inch	400 / 15.7	450 / 17.7	450 / 17.7	530 / 20.9
Max. Over Cross Slide	mm/inch	-	280 / 11	280 / 11	350 / 13.8
Max. Cutting Diameter	mm/inch	-	280 / 11	280 / 11	350 / 13.8
Max. Cutting Length	mm/inch	200 / 7.9	200 / 7.9	330 / 13	400 / 15.7
Chuck Size	inch	Collect CR42 / 5C	Collect CR42 / 16C	6"	8"
Chuck Size of Sub Spindle	-	-	-	-	-
Draw Tube Bore	mm/inch	42 / 1.7	42 / 1.7	45 / 1.8	52 / 2
SPINDLE					
Max. Speed	rpm	6000	6000	6000	5000
Spindle Motor Output (Peak)	HP	12	18	24	18
Spindle Torque (Peak)	N-m	58	84	115	274
Spindle Nose	-	A2-5	A2-5	A2-5	A2-6
TRAVELS & FEEDRATES					
X Axis Travels	mm/inch	400 / 15.7	150+15 / 5.9+0.59	150+15 / 5.9+0.59	195+15 / 7.7+0.5
Z Axis Travels	mm/inch	220 / 8.7	220 / 8.7	350 / 13.8	435 / 17.1
Rapid feed X/Z	m/min ipm	36 / 1417	36 / 1417	36 / 1417	36 / 1417
Cutting feed X/Z	m/min ipm	10 / 394	10 / 394	10 / 394	10 / 394
TURRET					
Number of Tools	station	Gang Tool ,8	10	10	12
OD Tool Size	mm/inch	20 / 0.79	20 / 0.79	20 / 0.79	20 / 0.79
Boring Bar Shank	mm/inch	16 / 0.63	25 / 0.98	25 / 0.98	32 / 1.26
Motor of Power Turret	kw/HP	-	-	-	-
Max. Speed of Power tooling	rpm	-	-	-	-
Tool exchange (neighbor tool)	sec	-	0.5	0.5	0.35
TAILSTOCK					
Quill Travel	mm/inch	-	-	80 / 3.1	100 / 3.9 (OPT)
Tailstock Travel	mm/inch	-	-	210 / 8.3	410 / 16.1
Quill Taper	-	-	-	MT3	MT4
ACCURACY					
Positioning	mm/inch	0.01 / 0.0039	0.01 / 0.0039	0.01 / 0.0039	0.01 / 0.0039
Repeatability	mm/inch	±0.003 / ±0.00012	±0.003 / ±0.00012	±0.003 / ±0.00012	±0.003 / ±0.00012
GENERAL					
Tank Capacity	liters/gal	100 / 26	120 / 32	120 / 32	160 / 42
Chip Disposal	-	Drawer STD Conveyor OPT	Drawer STD Conveyor OPT	Drawer STD Conveyor OPT	Drawer STD Conveyor OPT
Power Requirement	KVA	18	20	22	25
Floor Space (W*L)	mm ² /inch ²	1800 x 1560 / 70.8 x 61.4	1770 x 1338 / 69.7 x 53	1770 x 1338 / 69.7 x 53	2450 x 1500 / 97 x 59
Weight	kgs/lbs	2300 / 5071	2500 / 5512	2600 / 5732	4000 / 8818

Specification

Performa SL 2-Axis Turning			Performa Mill-Turn		
SL30 SL30L	SL35 SL35L	SL40 SL40L	SL25MC	SL30MC SL30LMC	SL35MC SL35LMC
AKIRA M ₇ 745 (Fanuc G code compatible)					
X+Z			X+Z+C		
600 / 23.6	650 / 25.6	750 / 29.5	530 / 20.9	600 / 23.6	650 / 25.6
400 / 15.7	450 / 17.7	550 / 21.7	350 / 13.8	400 / 15.7	450 / 17.7
400 / 15.7	450 / 17.7	550 / 21.7	280 / 11	330 / 13	360 / 14.2
600 / 23.6 1000 / 39.4	600 / 23.6 1000 / 39.4	950 / 37.4 1500 / 59	380 / 15	540 / 21.26 940 / 37	540 / 21.26 940 / 37
8" STD 10" OPT	10" STD 12" OPT	15" STD 18" OPT	8"	8" STD 10" OPT	10" STD 12" OPT
-	-	-	-	-	-
65 / 2.6	78 / 3.1	103 / 4.1	52 / 2	65 / 2.6	78 / 3.1
4500	3500	2500	5000	4500	3500
24	30	60	18	24	30
410	733	2106 (gear box)	274	410	733
A2-6	A2-8	A2-11	A2-6	A2-6	A2-8
220+20 / 8.6+0.8	235+20 / 9.2+0.8	285+25 / 11.2+1	195+5 / 7.6+0.2	220+5 / 8.6+0.2	235+5 / 9.2+0.2
610 / 24 1010 / 39.8	630 / 24.8 1025 / 40.4	975 / 38.4 1520 / 58.9	435 / 17.1	600 / 23.6 1000 / 39.4	600 / 23.6 1000 / 39.4
36 / 1417	36 / 1417	30 / 1181 36 / 1417	36 / 1417	36 / 1417	36 / 1417
10 / 394	10 / 394	10 / 394	10 / 394	10 / 394	10 / 394
12	12	12	12	12	12
25 / 0.98	25 / 0.98	32 / 1.26	VDI30	VDI40	VDI40
40 / 1.57	40 / 1.57	50 / 1.97	refer to application	refer to application	refer to application
-	-	-	3.7 / 5	5.5 / 7	5.5 / 7
-	-	-	5000	4000	4000
0.35	0.35	0.5	0.42	0.42	0.42
100 / 3.9	100 / 3.9	100 / 3.9	100 / 3.9	100 / 3.9	100 / 3.9
610 / 24 1010 / 39.8	630 / 24.8 1025 / 40.4	975 / 38.4 1520 / 58.9	410 / 16.1	600 / 23.6 1000 / 39.4	600 / 23.6 1000 / 39.4
MT4	MT4	MT5	MT4	MT4	MT4
0.01 / 0.0039	0.01 / 0.0039	0.01 / 0.0039	0.01 / 0.0039	0.01 / 0.0039	0.01 / 0.0039
±0.003 / ±0.00012	±0.003 / ±0.00012	±0.003 / ±0.00012	±0.003 / ±0.00012	±0.003 / ±0.00012	±0.003 / ±0.00012
250 / 66	250 / 66	300 / 11.8	200 / 53	250 / 66	250 / 66
Drawer STD Conveyor OPT	Drawer STD Conveyor OPT	Drawer STD Conveyor OPT	Drawer STD Conveyor OPT	Drawer STD Conveyor OPT	Drawer STD Conveyor OPT
28	30	35	30	30	30
2930 x 1745 / 115.3 x 69 3330 x 1745 / 131.1 x 69	3050 x 1844 / 120 x 73 3450 x 1844 / 135.8 x 73	3900 x 2165 / 154 x 85 4525 x 2165 / 178 x 85	2450 x 1500 / 97 x 59	2930 x 1745 / 115.3 x 69 3330 x 1745 / 131.1 x 69	3050 x 1844 / 120 x 73 3450 x 1844 / 135.8 x 73
5200 / 10582	5600 / 12346	7000 / 15432	4100 / 9039	5000 / 11023	5800 / 12787