



NOVATECH
Heavy Duty Machine Tools



Novatech CNC Heavy Duty Machine Tool(Shandong)Co.,Ltd

ATL Series

High Precision CNC Lathes

B Box way / Linear way Series

☒ Servo Turret / BMT Turret

B Duo Spindles / Duo Turret





☒ High Precision
 ☒ High Rigidity
 ☒ High Stability

Original from Taiwan - Powerful Heavy Cutting



“ ATL-i208 Series

Features:	Servo Turret / BMT Turret
Max. Swing Diameter :	500mm
Max. Turning Diameter:	280mm
Max. Turning Length:	400(350)mm
Y-Axis Travel:	90mm
Spindle:	A2-6
45° Slant Bed	

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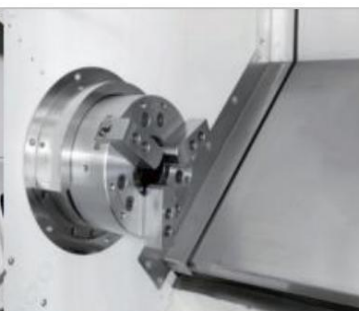
ATL-i360



ATL- i360 / M / MY / MC2 / MYC2

Powerful Heavy Cutting, High Stability, Intelligence

Features:	Servo Turret / BMT Turret
Max. Swing Diameter:	700mm
Max. Turning Diameter - X:	450(380)mm
Max. Turning Length - Z:	600/550/400mm
Y-Axis Travel:	100mm
Spindle:	A2-6
45° Slant Bed	



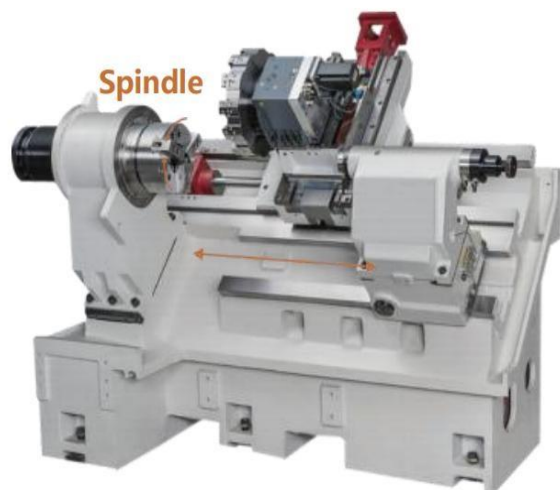
The well recognized **KOSON CNC Lathe** has the characteristics of multi-function, high quality and high efficiency.

- Designed with 45° Slant bed.
- X-Axis and Z-Axis sliding guide are equipped with heavy-duty box way or linear way.
- Multi-Axis structure for customer to choose, meet the needs of multi-functional processing.



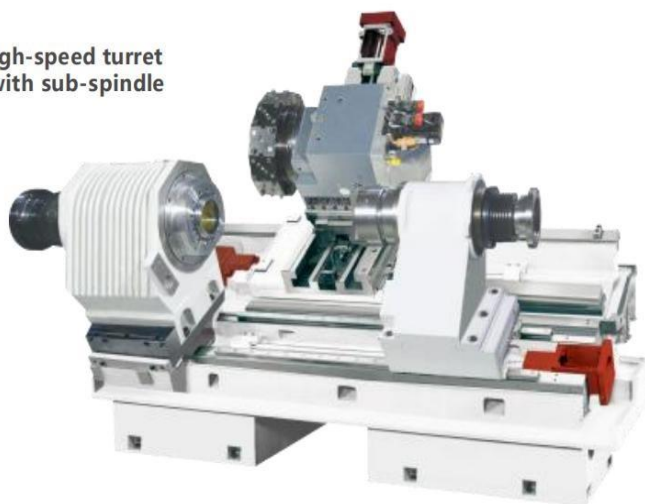
Advantage

- Compact structure.
- Spacious processing area.
- Meet the processing requirements of customized parts.
- 45° Slant bed, excellent chip removal performance in the processing area.



Advantage

- From single spindle machine with high-speed turret to milling-turning compound center with sub-spindle and C-Axis, Y-Axis,
- KOSON CNC Lathe provides full machining flexibility.



ATL-i361/i362/i363

Excellent Rigidity & Durability

- KOSON CNC Lathe can achieve **higher productivity** and more **energy saving** with the original rigid mechanical structure.
- KOSON Heavy-duty series provide **longer slideway** for more customized production.
- Excellent shock absorption.
- Longer-length ball screws adopted.



- Strengthen the compensation function of CNC system, improve the machining accuracy.
- Supports rapid machining of polygonal shaft.
- Multi-Axis machining can effectively save time costs.
- Supports multiple CNC systems, more flexible and secure.



ATL- i361/M/MY /MC2/MYC2

Feature:	Servo / BMT Turret
Max. Swing Diameter:	700mm
Max. Turning Diameter-X:	450/380mm
Max. Turning Length-Z:	1200/1150/1000mm
Y-Axis Travel:	±50mm

ATL-i362/M/MY/MC2/MYC2

Feature:	Servo / BMT Turret
Max. Swing Diameter:	700mm
Max. Turning Diameter-X:	450/380mm
Max. Turning Length-Z:	1600/1550/1450mm
Y-Axis Travel:	±50mm

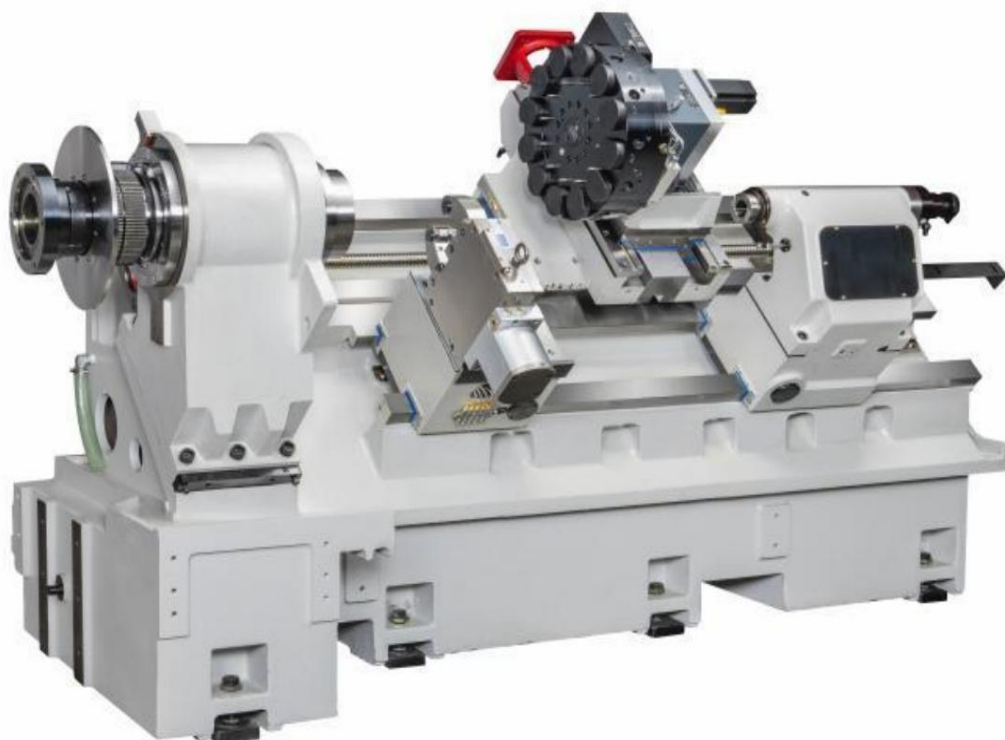
ATL-i363/M/MY/MC2/MYC2

Feature:	Servo / BMT Turret
Max. Swing Diameter:	700mm
Max. Turning Diameter-X:	450/380mm
Max. Turning Length-Z:	2000/1950/1900mm
Y-Axis Travel:	±50mm



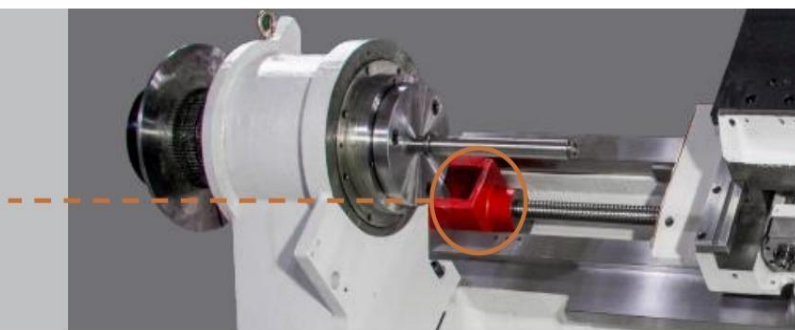
Reliability & High Precision Mechanical Structure

- The lathe bed structure is entirely made of **Meehanite cast iron**. The stress is eliminated to ensure long-term stable accuracy.
- 45° inclined bed structure provides **efficiency chip disposal** and contribute stability by its own cast iron lathe base.
- Ball screws are **preloaded** to perform a highly accurate positioning, and there are driven directly by high performance servo motor.
- The X, Z, and Y axes all adopt box way structures.
- The B-Axis adopts high-strength box way or linear way.
- KOSON focuses on design and production of box way structure, KOSON CNC Lathe are **less vibration** and **better damping**.



Torque Limiter (Optional)

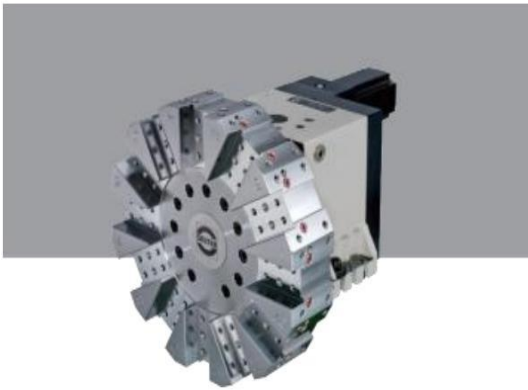
In the event of a mechanical collision, the torque limiter will loosen to reduce the impact force, ensuring the original accuracy of the machine.





Optional:

- BMT Turret
- Tool Sensor
- Live Tool Holder
- Spindle Encoder



Servo Turret - Turning

- The servo turret, driven by hydraulic system with AC servo motor, enables fast and accurate tool changes in a cost-effective manner.

BMT Turret - Milling & Turning

- Powerful milling & turning with fast tool changing.
- The drive mechanism of the BMT turret is concealed inside, prolonging its lifespan.
- Mounting radial tool holders facilitates side milling and external surface machining.



VDI Turret - Milling & Turning

- Powerful milling & turning with fast tool changing.
- Axial-mounted design minimizes debris accumulation.
- Lower investment upfront, more user-friendly in the toolholder cost.



**Advanced design concept,
easy operation performance !**



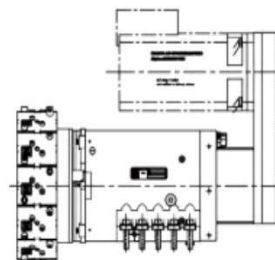
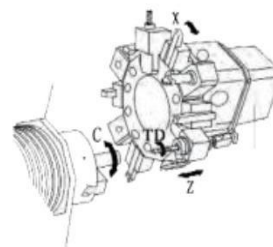
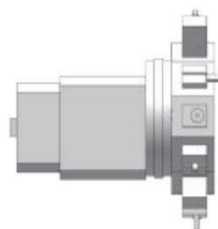
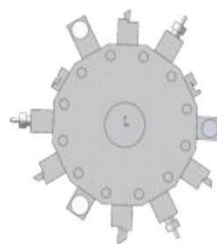
C-Axis Machining Diagram

Model : ATL-208/360/361/362/363

Accuracy of C-Axis 0.001 deg	Live Tooling Turret BMT 55
Max Rotary Speed 4000/5000 rpm	Drilling Φ1-13 mm
Milling Φ1-13 mm	Taper M1-M16

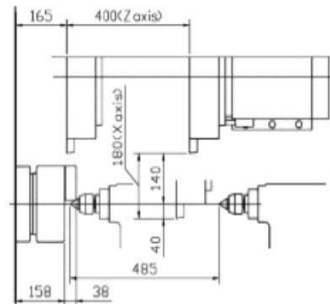
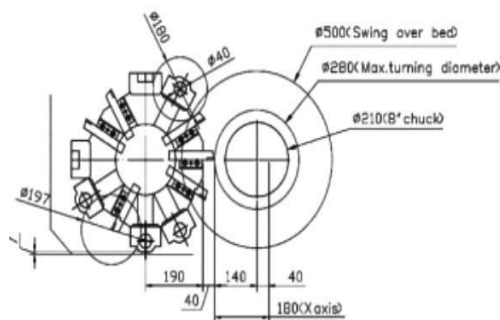


Machining Capacity of BMT Turret (for reference)

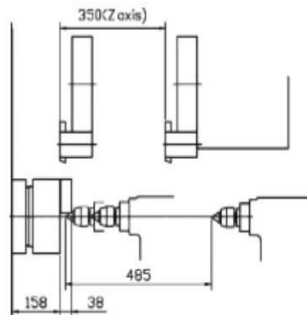
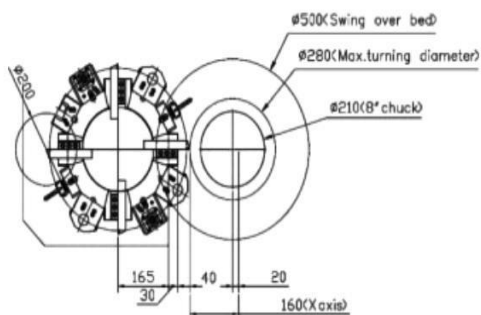


Tool Interference & Machining Area (Unit: mm)

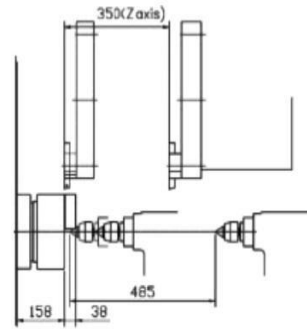
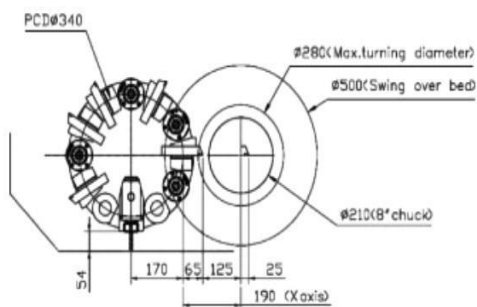
ATL-i208 Servo Turret



ATL-i208 BMT Turret

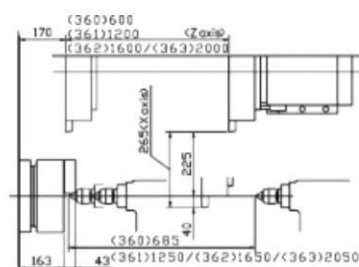
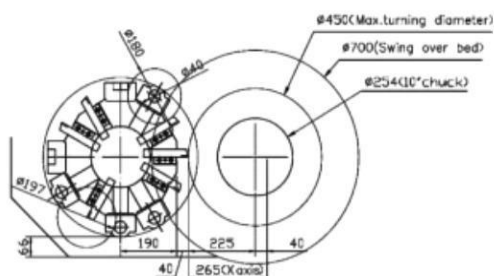


ATL-i208 VDI Turret

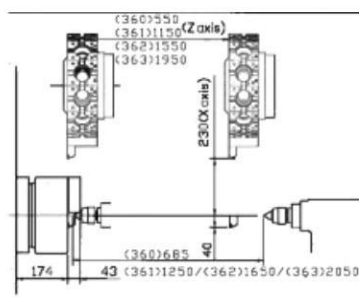
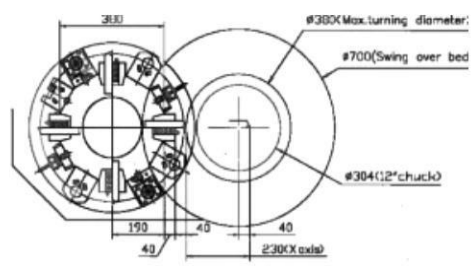




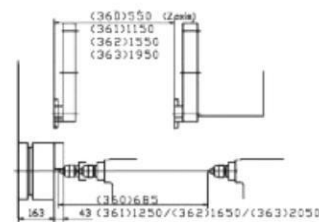
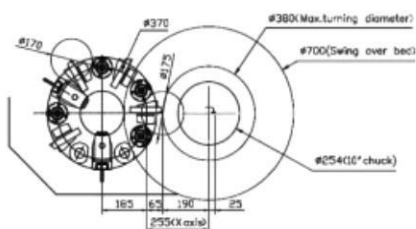
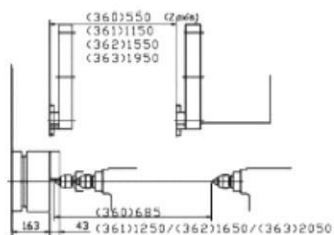
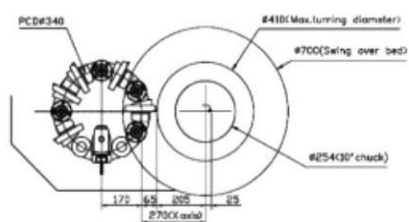
ATL-i360/361/362/363 Servo Turret



ATL-i360/361/362/363 BMT Turret

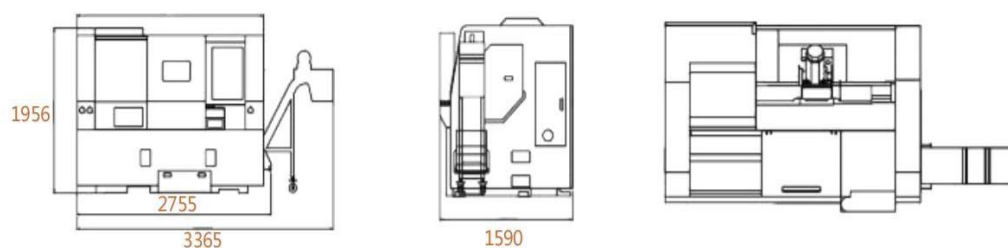


ATL-i360/361/362/363 VDI Turret

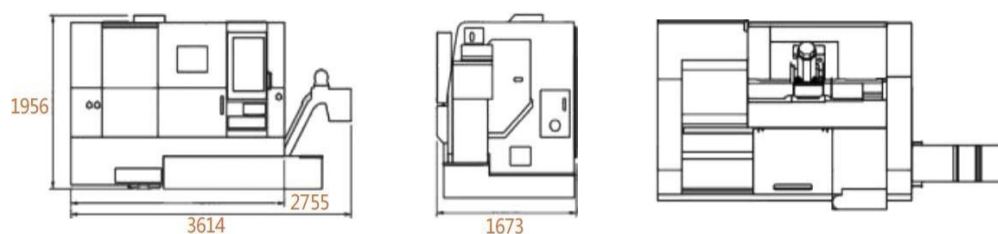


Dimensions (Unit: mm)

ATL-i208 Series



ATL-i360 Series



ATL-i361/362/363 Series

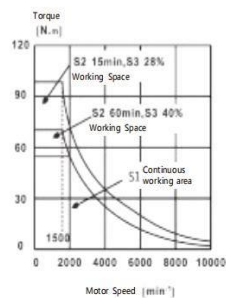
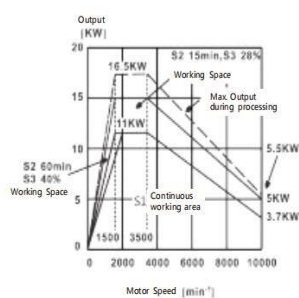


Upper: 3534 (361) / 4014 (362) / 4024 (363)

Lower: 4379 (361) / 4849 (362) / 5459 (363)

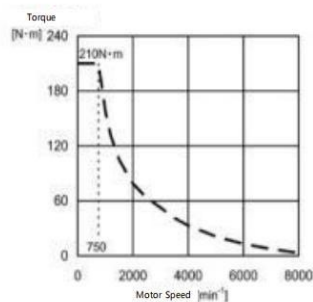
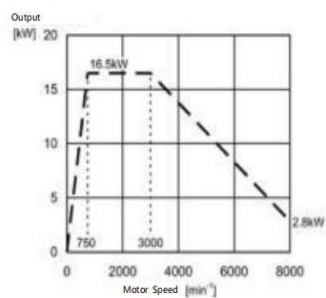
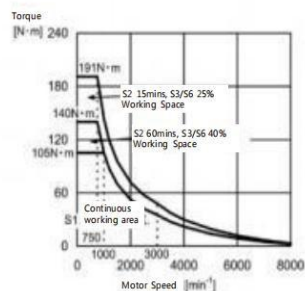
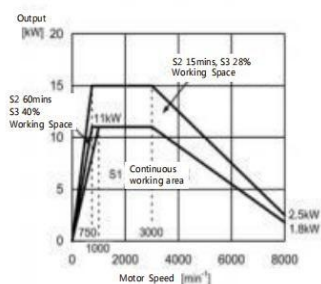
Spindle Torque Chart

ATL-i208 Series

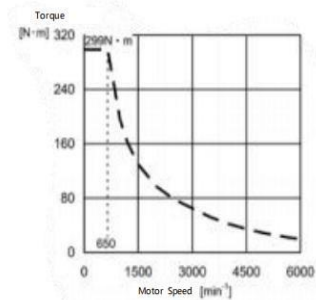
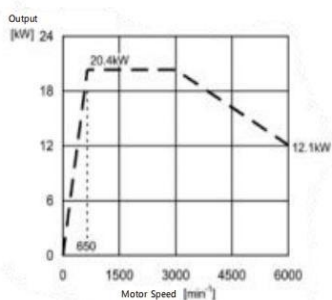
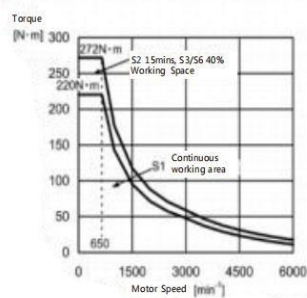
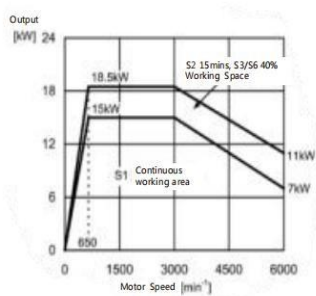


Spindle Torque Chart

ATL-i360 Series



ATL-i361/362/363 Series



Technical Specifications

Content		Unit	ATL-i208	ATL-i208M	ATL-i360	ATL-i360M
Turret	Turret Specification	Type	Radial cutter		Radial cutter	
			Servo Turret	BMT Turret	Servo Turret	BMT Turret
	Turret type / Num. of Tools	pcs	12 T	BMT55-12T	12 T	BMT55-12T
Travel	Max. Swing over bed	mm	500	500	700	700
	Distance between Centers	mm	485	485	685	685
	Max. Turning Length Z	mm	400 (450 in Linear way)	350 (380 in Linear way)	600	550
	Max. Turning Diameter	mm	280 (330 in Linear way)	280 (320 in Linear way)	450 (510 in Linear way)	380 (580 in Linear way)
	Bar hole	mm	52 (68)	52 (68)	75 (92)	
System Configuration	FANUC	0i-TF				
	Power tools Motor	KW		2.7		3.7
Spindle	Chuck Diameter	Inch	8 "	8 "	10" / 12 "	10" / 12 "
	Spindle Nose	Type	A2-6	A2-6	A2-8	A2-8
	Spindle Hole	mm	62(76)	62(76)	92(106)	92(106)
	Bear Type	Type	NN3020(3024)	NN3020(3024)	NN3026(3028)	NN3026(3028)
	Spindle Bearing Diameter	mm	100(120)	100(120)	130(140)	130(140)
	Spindle Motor	KW	11-15	11-15	11-15 (Wide area motor)	11-15 (Wide area motor)
X - Axis	Travel	mm	180	180	260	260
	Speed	m/min	20 (24 in Linear way)	20 (24 in Linear way)	20 (24 in Linear way)	20 (24 in Linear way)
	Servo Motor	KW	2.5(3.0)	2.5(3.0)	3.0	3.0
	Ball Screw	mm	R32/P10	R32/P10	R32/P10	R32/P10
	Repeat Accuracy		0.003	0.003	0.005	0.005
Z - Axis	Travel	mm	400 (450 in Linear way)	350 (450 in Linear way)	600	600
	Speed	m/min	20 (24 in Linear way)	20 (24 in Linear way)	20 (24 in Linear way)	20 (24 in Linear way)
	Servo Motor	KW	2.5	2.5	3.0	3.0
	Ball Screw	mm	R40/P10	R40/P10	R40/P10	R40/P10
	Repeat Accuracy	mm	0.005	0.005	0.005	0.005
Tail Stock	Control Mode	Type	Programmable	Programmable	Programmable	Programmable
	Quill Diameter	mm	80	80	80	80
	Mohs scale	Type	MT4	MT4	MT5	MT5
X - Axis		Type	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)
Z - Axis		Type	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)
Water tank Capacity		Liter	180	180	220	220
Mechanical Size	Floor Area	cm	255*175	255*175	300*185	300*185
	Weight	kg	3400	3600	4500	4700
	Packing Size	cm	291*227*218	291*227*218	336*230*228	336*230*228

Standard Accessories

1	伺服刀塔	Servo turret	11	調整工具及工具箱	Toolbox
2	沖水裝置	Coolant system	12	內外徑刀座	I.D & O.D Lathe tool holders
3	全密閉式外殼钣金	Fully covered metal guard	13	墊片/噴水塊	Toolshim and spray block
4	夾爪開/關確認裝置	Clamping jaw switch confirmation device	14	地基螺絲及墊塊	Foundation screw and pads
5	油壓壓力確認裝置	Hydraulic pressure confirmation device	15	機器保固一年	1 years machine warranty
6	鐵屑輸送機	Chip conveyor	16	控制器保固兩年	2 years controller warranty
7	主軸單點定位	Single point positioning on spindle	17	回轉缸	Rotary cylinder
8	可程式尾座	Programmable tailstock	18	拉桿	Lathe rod / Pull rod
9	主軸剛性攻牙	Rigid tapping spindle	19	變壓器	Voltage transformer
10	熱交換器	Heat exchanger			



Technical Specifications

Content		Unit	ATL-i361	ATL-i361M	ATL-i362	ATL-i362M	ATL-i363	ATL-i363M
Turret	Turret Specification	TYPE	Servo Turret	BMT Turret	Servo Turret	BMT Turret	Servo Turret	BMT Turret
	Turret Type/Num.of Tools	PCS	12T	BMT55-12T	12T	BMT55-12T	12T	BMT55-12T
Travel	Max. Swing over bed	MM	700	700	700	700	700	700
	Distance between Centers	MM	1250	1250	1650	1650	2050	2050
	Max. Turning Length (Z)	MM	1200	1150	1600	1550	2000	1950
	Max. Turning Diameter	MM	450	380	450	380	450	380
	Bar Hole Diameter	MM	75 (92)	75 (92)	75 (92)	75 (92)	75 (92)	75 (92)
System Configuration	FANUC	0I-TF	FANUC -0I-TF	FANUC -0I-TF	FANUC -0I-TF	FANUC -0I-TF	FANUC -0I-TF	FANUC -0I-TF
	Power Tools Motor	KW		3.7		3.7		3.7
Spindle	Chuck Diameter	INCH	10"/12"	10"/12"	10"/12"	10"/12"	10"/12"	10"/12"
	Spindle Nose	TYPE	A2-8	A2-8	A2-8	A2-8	A2-8	A2-8
	Spindle Hole Diameter	MM	92 (106)	92 (106)	92 (105)	92 (105)	92 (105)	92 (105)
	Type Bearing Type	TYPE	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)
	Spindle Bearing Diameter	MM	130 (140)	130 (140)	130 (140)	130 (140)	130 (140)	130 (140)
	Spindle Motor	KW	15-18.5	15-18.5	15-18.5	15-18.5	15-18.5	15-18.5
X-Axis	Spindle Speed	RPM	3000 (2500)	3000 (2500)	3000 (2500)	3000 (2500)	3000 (2500)	3000 (2500)
	Travel	MM	220+40	220+40	220+40	220+40	220+40	220+40
	Speed	M/MIN	20	20	20	20	20	20
	Servo Motor	KW	3	3	3	3	3	3
	Ball Screw	MM	R32 / P10	R32 / P10	R32 / P10	R32 / P10	R32 / P10	R32 / P10
Z-Axis	Repeated Positioning Accuracy		±0.007	±0.007	±0.008	±0.008	±0.01	±0.01
	Travel	MM	1200	1150	1600	1550	2000	1950
	Speed	M/MIN	20	20	20	20	20	20
	Servo Motor	KW	3	3	3	3	3	3
	Ball Screw	MM	R40 / P10	R40 / P10	R40 / P10	R40 / P10	R40 / P10	R40 / P10
Tail Stock	Repeated Positioning Accuracy	MM	±0.007	±0.007	±0.008	±0.008	±0.01	±0.01
	Control Mode	TYPE	Programmable	Programmable	Programmable	Programmable	Programmable	Programmable
	Quill Diameter	MM	80	80	80	80	80	80
X-Axis	Morse Taper	TYPE	MT5	MT5	MT5	MT5	MT5	MT5
	X-Axis	TYPE	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)
Z-Axis	Z-Axis	TYPE	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)	Box Way (Liner Way)
	Water Tank Capacity	LITER	300	300	360	360	400	400
Mechanical Size	Floor Area	CM	360*175	360*175	410 X 177	410 X 177	470*175	470*175
	Weight	KG	5800	5900	6500	6700	7200	7400
	Packing Size	CM	400*230*228	400*230*228	430x230x228	430x230x228	520*230*228	520*230*228

Optional Accessories

1 動力刀塔	SAUTER Tool drive turret	13 夾頭高低壓切換	Pressure exchanger of chuck
2 動力刀頭 0°/90°	0°/90° Tooling	14 穩壓器	Voltage stabilizer
3 自動門	Auto door	15 油水分離器	Oil / Water separator
4 過負荷檢出裝置	Overload detecting device	16 二軸光學尺	2 axis grating scale
5 油霧冷卻系統	Oil mist cooling system	17 自動接料裝置	Automatic parts catcher
6 二軸中空螺桿冷卻系統	Cooling system for 2 axis hollow screw	18 成品輸送裝置	Products conveying
7 送料機	Feeder	19 無線式測邊測試系統	Wireless edge measuring system
8 自動刀長量測	Auto length measure for lathe tools	20 油壓卡盤 (三爪/四爪)	Oil pressure chuck (3/4-Jaw chuck)
9 油壓站系統	Hydraulic unit system	21 中心架	Centre rest
10 冷氣型熱交換器	Heat exchanger (Cooling air type)	22 跟刀架	Follower rest
11 切削水冷卻單元	Coolant cooling unit	23 主軸加裝磁環	Spindle with magnetic ring
12 20 BAR高壓切削水壓力	20 Bar high coolant pressure system	24 夾抓吹氣裝置	Blowing device (Clamping type)

Technical Specifications

Content		Unit	ATL-i360MY	ATL-i360MC2	ATL-i360MYC2	ATL-i361MY	ATL-i361MC2
Turret	Turret Specification	Type	Radial cutter BMT Turret	Radial cutter BMT Turret	Radial cutter BMT Turret	Radial cutter BMT Turret	Radial cutter BMT Turret
	Turret type / Num. of Tools	pcs	BMT55-12T	BMT55-12T	BMT55-12T	BMT55-12T	BMT55-12T
Travel	Max. Swing over bed	mm	700	700	700	700	700
	Distance between Centers	mm	685			1250	
	Max. Turning Length	mm	500	500	500	1000	1000
	Max. Turning Diameter	mm	380	380	380	380	380
	Bar hole	mm	75 (92)	75 (92)	75 (92)	75 (92)	75 (92)
System Configuration	FANUC	0i-TF					
	Power tools Motor	KW	3.7	3.7	3.7	3.7	3.7
Spindle	Chuck Diameter	Inch	10" / 12 "	10" / 12 "	10" / 12 "	10" / 12 "	10" / 12 "
	Spindle Nose	Type	A2-8	A2-8	A2-8	A2-8	A2-8
	Spindle Hole	mm	92 (106)	92 (106)	92 (106)	92 (106)	92 (106)
	Bear Type	Type	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)
	Spindle Bearing Diameter	mm	130 (140)	130 (140)	130 (140)	130 (140)	130 (140)
	Spindle Motor	KW	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)
Secondary Spindle	Spindle Speed	rpm	3000 (2500)	3000 (2500)	3000 (2500)	3000 (2500)	3000 (2500)
	Chuck Diameter	Inch		6"	6"		6"
	Spindle Nose	Type		A2-5	A2-5		A2-5
	Spindle Hole	mm		45	45		45
	Spindle Motor	KW		7.5 - 11	7.5 - 11		7.5 - 11
X-Axis	Spindle Speed	rpm		4500	4500		4500
	Travel	mm	200+20	245	200+20	200+20	245
	Speed	m/min	20	20	20	20	20
	Servo Motor	KW	3.0	3.0	3.0	3.0	3.0
	Ball Screw	mm	R32 / P10	R32 / P10	R32 / P10	R32 / P10	R32 / P10
Z-Axis	Repeat Accuracy	Type	0.003	0.003	0.003	0.003	0.003
	Travel	mm	550	550	410	1100	1100
	Speed	m/min	20	20	20	20	20
	Servo Motor	KW	3.0	3.0	3.0	3.0	3.0
	Ball Screw	mm	R40 / P10	R40 / P10	R40 / P10	R40 / P10	R40 / P10
Y-Axis	Repeat Accuracy	mm	0.005	0.005	0.005	0.007	0.007
	Travel	mm	90		90	90	
	Speed	m/min	15		15	15	
	Servo Motor	KW	3.0		3.0	3.0	
	Ball Screw	mm	R32 / P10		R32 / P10	R32 / P10	
B-Axis	Repeat Accuracy	mm	0.005		0.005	0.005	
	Travel	mm		510	510		1100
	Speed	m/min		15	15		15
	Servo Motor	KW		3.0	3.0		3.0
	Ball Screw	mm		R40 / P10	R40 / P10		R40 / P10
Tail Stock	Repeat Accuracy	mm		0.005	0.005		0.005
	Control Mode	Type	Programmable			Programmable	
	Quill Diameter	mm	80			80	
	Mohs scale	Type	MT5			MT5	
X-Axis		Type	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)
Y-Axis		Type	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)
Z-Axis		Type	Box way (Linear way)		Box way (Linear way)	Box way (Linear way)	
Water tank capacity		Liter	220	220	220	300	300
Mechanical Size	Floor Area	cm	300*185	300*185	300*185	360*175	360*175
	Weight	kg	4800	5100	5500	5900	6200
	Packing Size	cm	336*230*228	336*230*228	336*230*228	400*230*228	400*230*228



Technical Specifications

	Content	UNIT	ATL-i361MYC2	ATL-i362MY	ATL-i362MC2	ATL-i362MYC2	ATL-i363MY	ATL-i363MC2	ATL-i363MYC2
Turret	Turret Specification	TYPE	Radial cutter	Radial cutter	Radial cutter	Radial cutter	Radial cutter	Radial cutter	Radial cutter
			BMT Turret	BMT Turret	BMT Turret	BMT Turret	BMT Turret	BMT Turret	BMT Turret
	Turret type / Num. of Tools	PCS	BMT55-12T	BMT55-12T	BMT55-12T	BMT55-12T	BMT55-12T	BMT55-12T	BMT55-12T
Travel	Max. Swing over bed	MM	700	700	700	700	700	700	700
	Distance between Centers	MM		1650			2050		
	Max. Turning Length	MM	1000	1450	1450	1450	1900	1900	1900
	Max. Turning Diameter	MM	380	380	380	380	380	380	380
	Bar hole	MM	75 (92)	75 (92)	75 (92)	75 (92)	75 (92)	75 (92)	75 (92)
System Configuration	FANUC	Oil-TF							
	Power tools Motor	KW	3.7	3.7	3.7	3.7	3.7	3.7	3.7
Spindle	Chuck Diameter	INCH	10"7/13"	10"7/14"	10"7/15"	10"7/16"	10"7/17"	10"7/18"	10"7/19"
	Spindle Nose	TYPE	A2-8	A2-8	A2-8	A2-8	A2-8	A2-8	A2-8
	Spindle Hole	MM	92 (106)	92 (106)	92 (106)	92 (106)	92 (106)	92 (106)	92 (106)
	Bear Type	TYPE	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)	NN3026 (3028)
	Spindle Bearing Diameter	MM	130 (140)	130 (140)	130 (140)	130 (140)	130 (140)	130 (140)	130 (140)
	Spindle Motor	KW	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)	15-18.5 (wide area motor)
	Spindle Speed	RPM	3000(2500)	3000(2500)	3000(2500)	3000(2500)	3000(2500)	3000(2500)	3000(2500)
Secondary Spindle	Chuck Diameter	INCH	6"		6"	6"		6"	6"
	Spindle Nose	TYPE	A2-5		A2-5	A2-5		A2-5	A2-5
	Spindle Hole	MM	45		45	45		45	45
	Spindle Motor	KW	7.5 - 11		7.5 - 11	7.5 - 11		7.5 - 11	7.5 - 11
	Spindle Speed	RPM	4500		4500	4500		4500	4500
X-Axis	Travel	MM	200+20	200+20	245	200+20	200+20	245	200+20
	Speed	M/MIN	20	20	20	20	20	20	20
	Servo Motor	KW	3	3	3	3	3	3	3
	Ball Screw	MM	R32 / P10	R32 / P10	R32 / P10	R32 / P10	R32 / P10	R32 / P10	R32 / P10
	Repeat Accuracy	TYPM	0.003	0.003	0.003	0.003	0.003	0.003	0.003
Z-Axis	Travel	MM	1100	1500	1500	1450	1900	1900	1900
	Speed	M/MIN	20	20	20	20	20	20	20
	Servo Motor	KW	3	3	3	3	3	3	3
	Ball Screw	MM	R40 / P10	R40 / P10	R40 / P10	R40 / P10	R40 / P10	R40 / P10	R40 / P10
	Repeat Accuracy	MM	0.007	0.008	0.008	0.008	0.01	0.01	0.01
Y-Axis	Travel	MM	90	90		90	90		90
	Speed	M/MIN	15	15		15	15		15
	Servo Motor	KW	3	3		3	3		3
	Ball Screw	MM	R32 / P10	R32 / P10		R32 / P10	R32 / P10		R32 / P10
	Repeat Accuracy	MM	0.005	0.005		0.005	0.005		0.005
B-Axis	Travel	MM	1100		1500	1500		1900	1900
	Speed	M/MIN	15		15	15		15	15
	Servo Motor	KW	3		3	3		3	3
	Ball Screw	MM	R40 / P10		R40 / P10	R40 / P10		R40 / P10	R40 / P10
	Repeat Accuracy	MM	0.005		0.005	0.005		0.005	0.005
Tail Stock	Control Mode	TYPE		Programmable			Programmable		
	Quill Diameter	MM		80			80		
	Molds scale	TYPE		MT5			MT5		
X-Axis		TYPE	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)
Y-Axis		TYPE	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)	Box way (Linear way)
Z-Axis		TYPE	Box way (Linear way)	Box way (Linear way)		Box way (Linear way)	Box way (Linear way)		Box way (Linear way)
Water tank capacity		LITER	300	360	360	360	400	400	400
Mechanical Size	Floor Area	CM	360*175	360*175	360*175	360*175	360*175	360*175	360*175
	Weight	KG	7500	7800	6400	6500	6700	6800	6900
	Packing Size	CM	336*230*228	455*230*228	455*230*228	455*230*228	520*230*228	520*230*228	520*230*228