

SPECIFICATIONS:

ITEM	UNIT	JCL-42/52TG	JCL-42/52TGM
Max. swing over bed	mm	Ø440	Ø440
Max. turning diameter	mm	Ø230	Ø140
Max. turning length	mm	195/180	155/140
Max. Part catch length	mm	100	100
Max. bar capacity	mm	Ø42/Ø50	Ø42/Ø50
Spindle bore diameter	mm	Ø55.5/Ø70	Ø55.5/Ø70
Spindle nose		A2-5	A2-5
Spindle speed range	rpm	45~4000	45~4000
Spindle motor	kw	7.5	7.5
Number of tool stations \$1		8	12
Number of tool stations \$2		5	5
Max. stroke X1	mm	125	130
Max. stroke Z1	mm	205/190	165/150
Max. stroke X2	mm	240	240
Max. stroke Z2	mm	265	265
Rapid traverse X1	m/min	12(16)	12(16)
Rapid traverse Z1	m/min	12(16)	12(16)
Rapid traverse X2	m/min	12(16)	12(16)
Rapid traverse Z2	m/min	12(16)	12(16)
Turret indexing time	sec	0.3	0.3
Machine design	deg	20°	20°
Slide way type		SQUARE GUIDE WAY	SQUARE GUIDE WAY
Main-spindle hydraulic chuck	inch	6"	6"
Turning tool diameter	mm	<input type="checkbox"/> 20	<input type="checkbox"/> 16
Boring tool diameter	mm	Ø25	VDI20
Driven tool motor power /30min	kw	-	1.5
Hydraulic motor	kw	0.75	0.75
Lubrication motor	w	3.5	3.5
Power requirement	kva	15	21
Coolant tank capacity	L	100L(85%)	100L(85%)
Machine dimensions (LxWxH)	mm	2280x1977x2092	2280x1977x2092
Weight	kg	2400	2480

* Our company reserves the right to change the specifications without notice.



JINN FA



緝鋸工業股份有限公司
JINN FA MACHINE INDUSTRIAL CO., LTD.

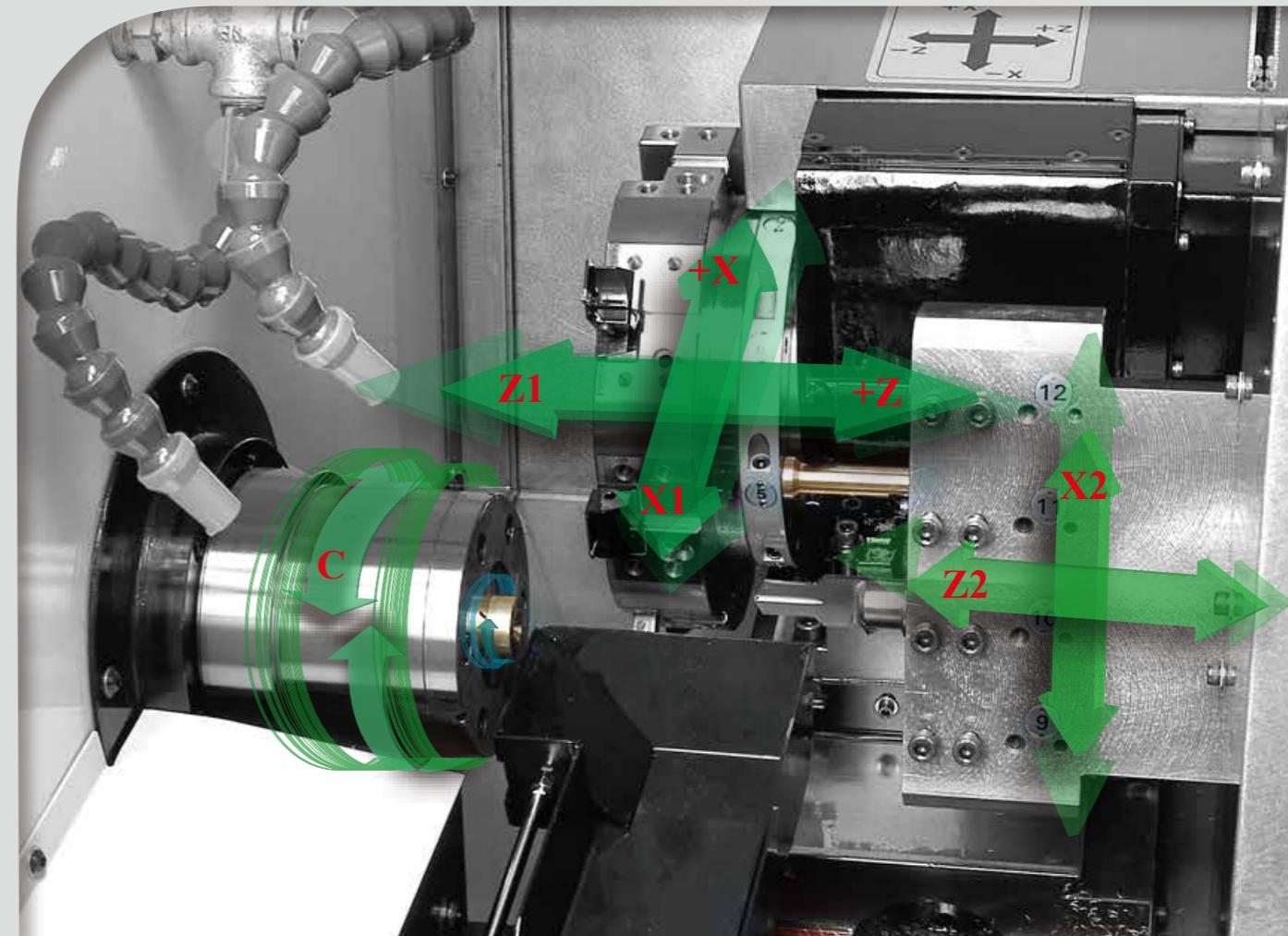
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JCL series

Now, Turning, Milling and Drilling Can Be
Accomplished at a Time, A Profitable
Performer for Parts Machining.

JCL-42/52TG

JCL-42/52TGM

Since 1976

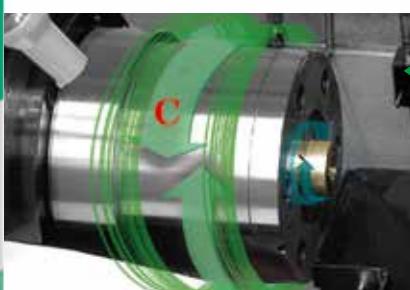
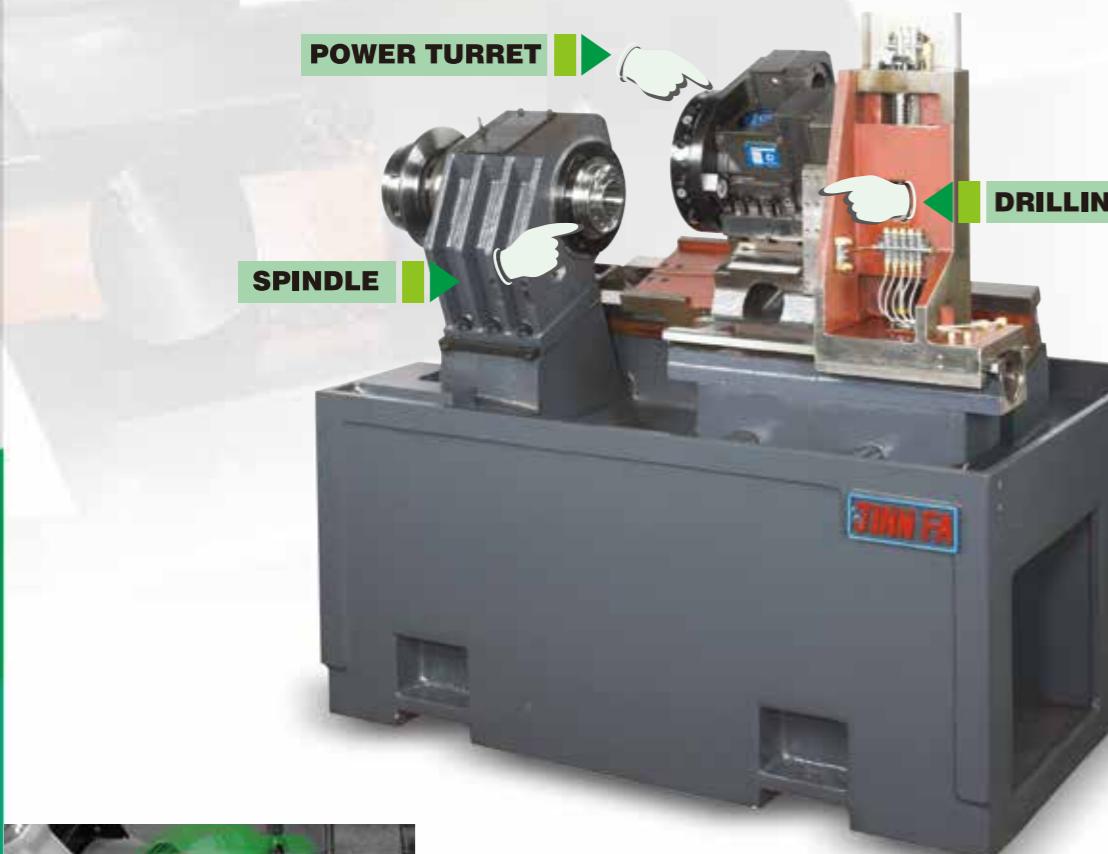


External and Internal Machining Simultaneously, Max. Five Axis Control. (X1, Z1, X2, Z2, C)

JCL - 42TG / 52TG

JCL - 42TGM / 52TGM

- The machine is equipped with a drilling slide which enables the machine to perform O.D. and I.D. machining at one time.
- 8-position hydraulic turret or 12-position power turret.
- The spindle accommodates a 6" 3-jaw chuck or collet chuck.
- 20° slant bed structure facilitates chip disposal and easy workpiece access.
- Bar feeder is option.



PARTS CATCHER

Upon request, a parts catcher is available. It provides convenient and efficient parts collection.



POWER TURRET

The power turret features bi-directional tool change. Tool change time between adjacent tools is only 0.2 seconds. The turret loading capacity is 12 tools. The live tool head can be fitted with 6 tools. JCL-42TGM / JCL-52TGM

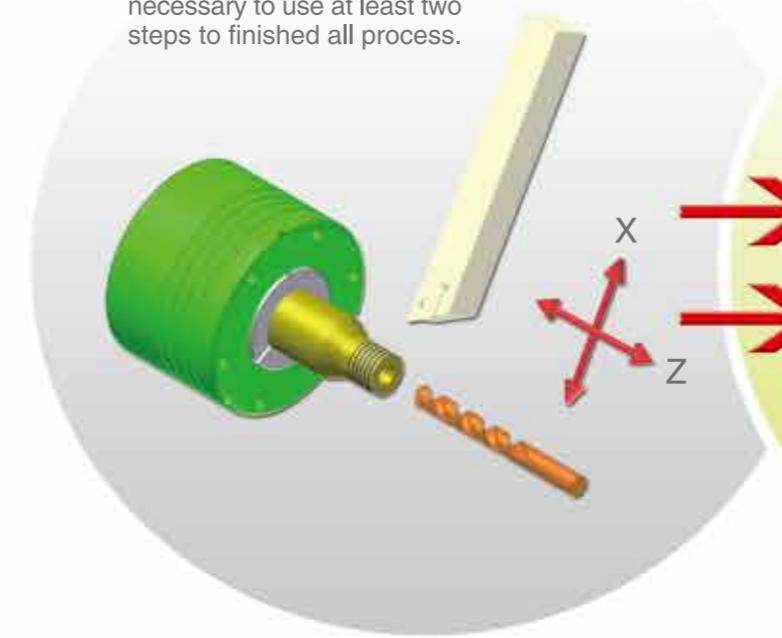


PARTS CONVEYOR

After machining is completed, parts are moved out of the machine by a conveyor.

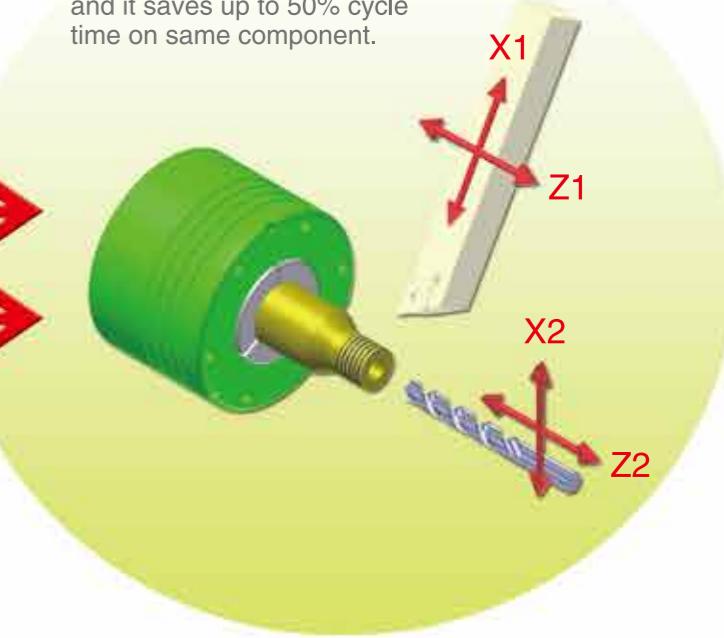
The Typical Process

It is a typical machining process by two axis / one channel CNC lathe. It is necessary to use at least two steps to finished all process.



The Advanced Process

With **JINN FA** unique innovation, JCL-TG/TGM series has max. 5 axis and two channel control and it saves up to 50% cycle time on same component.



STANDARD ACCESSORY

- Lighting device
- Coolant device
- Splash guard
- Tools & Tool Box
- Base block 4 pcs
- Inner cutting tool sleeve dia 8,10,12,16,20mm (42TG/52TG)
- 8-position hydraulic turret (42TG/52TG)
- VDI 12 position power turret (42TGM/52TGM)
- Wedge block (42TG/52TG)
- Heat exchanger
- Single hole tool holder (turret)
- 5 position sliding tool holders
- C-axis (42TGM/52TGM)
- Foot switch
- Collet chuck holder
- Operation manual
- NC operation manual
- NC maintenance manual

OPTIONAL ACCESSORY

- Material stop bar
- Parts catcher
- Parts conveyor
- 6" 3-jaw chuck
- Oil mist collector
- Transformer
- Voltage stabilizer
- Chip conveyor
- Chuck air blow
- Air conditioner for cabinet
- Single bar feeder (servo type)
- Hydraulic multiple bar feeder