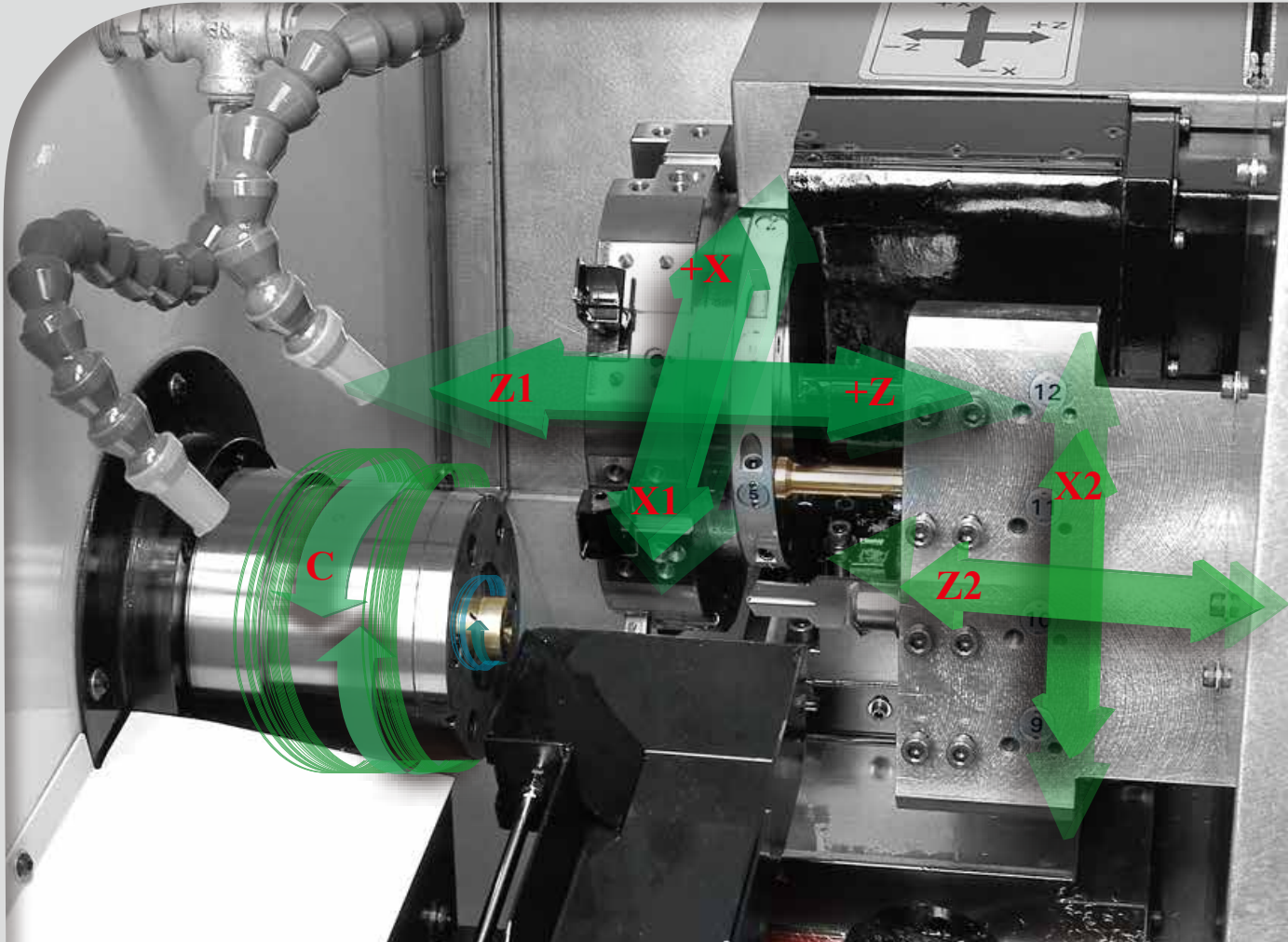


SPECIFICATIONS:



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	□20	□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



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



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



JINN FA



縉錫工業股份有限公司
JINN FA MACHINE INDUSTRIAL CO., LTD.
彰化縣福興鄉元中村橫圳巷12號
No. 12, Hengzun Ln., Fusing Township,
Changhua County 50643, Taiwan.
TEL: 886-4-779-2211 (REP)
FAX: 886-4-779-3386
http://www.jinnfa.com
E-mail: jinnfa@ms18.hinet.net

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.

POWER TURRET

SPINDLE

DRILLING SLIDE UNIT

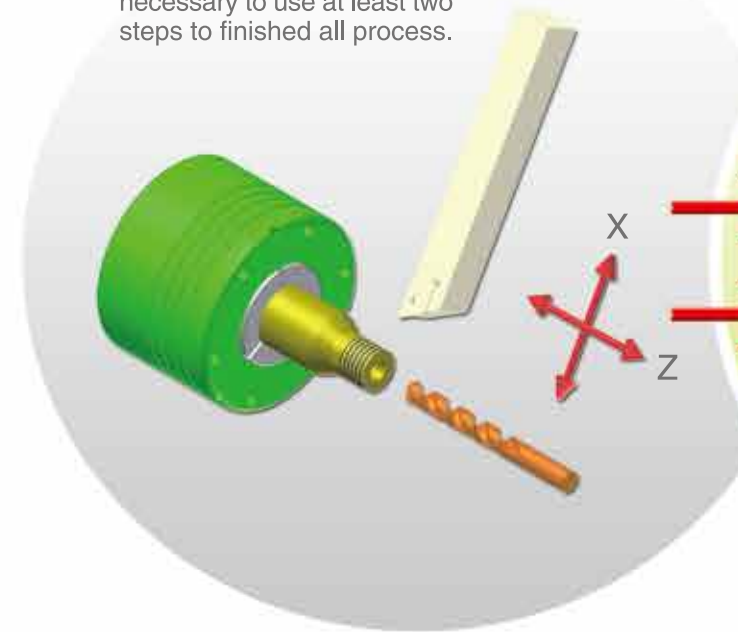
C-AXIS

PARTS CATCHER

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

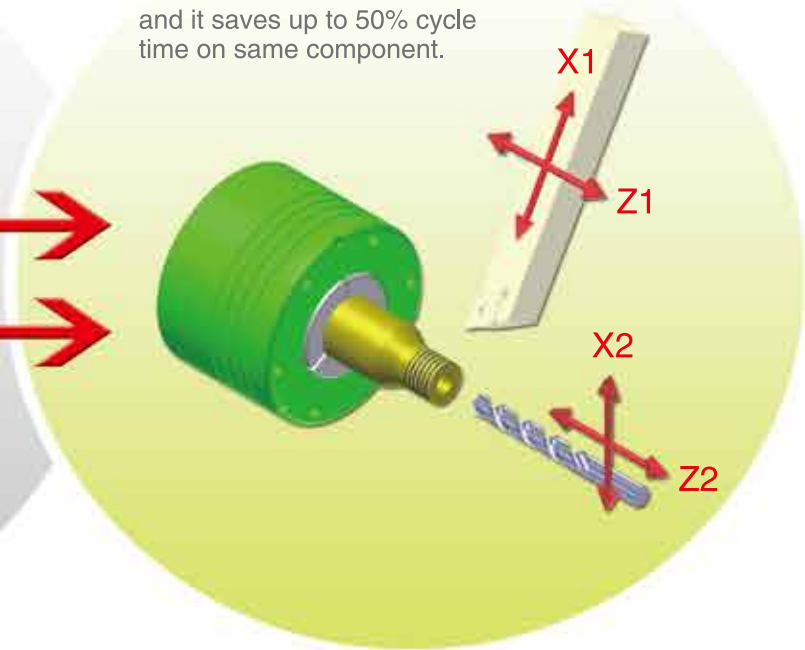
The Typical Process

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.



5 POSITION SLIDING TOOL HOLDER

The drilling slide can be mounted with 5 stationary tools which enables the machine to perform O.D. and I.D. machining at one time thereby upgrading efficiency. Upgrades operational working time by 1/3 to 1/2.

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.

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