

SPECIFICATIONS:

ITEM	UNIT	JCL-42TS	JCL-52TS	JCL-60TS	JCL-42TSM	JCL-52TSM	JCL-60TSM
Max. swing over bed	mm		Ø590			Ø590	
Max. turning diameter	mm		Ø395			Ø395	
Main-spindle max. turning diameter	mm		Ø240			Ø240	
Sub-spindle max. turning diameter	mm		Ø150			Ø150	
Max. turning length	mm		180			235	
Max. Part catch length			80			80	
Main-spindle max. bar capacity	mm	Ø42	Ø50	Ø60	Ø42	Ø50	Ø60
Sub-spindle max. bar capacity	mm		Ø42			Ø42	
Main-spindle bore diameter	mm	Ø56	Ø75	Ø75	Ø56	Ø75	Ø75
Sub-spindle bore diameter	mm		Ø55.5			Ø55.5	
Main-spindle nose		A2-5	A2-6	A2-6	A2-5	A2-6	A2-6
Sub-spindle nose			A2-5			A2-5	
Spindle speed range	rpm		45~3500			45~3500	
Spindle motor	kw	7.5	15	15	7.5	15	15
Number of tool stations			12			12	
Max. stroke X1	mm		135			135	
Max. stroke Z1	mm		225			280	
Max. stroke Z2	mm		310			310	
Rapid traverse X1	m/min		16			16	
Rapid traverse Z1	m/min		20			20	
Rapid traverse Z2	m/min		16			16	
Turret indexing time	sec		0.3			0.3	
Machine design	deg		30°			30°	
Slide way type		LINEAR GUIDE WAY			LINEAR GUIDE WAY		
Main-spindle hydraulic chuck	inch	6"	8"	8"	6"	8"	8"
Sub-spindle hydraulic chuck	inch		6"			6"	
Turning tool diameter	mm		□20			□20	
Boring tool diameter	mm		Ø32			VDI 30	
Driven tool motor power /30min	kw		-			2.2	
Sub-spindle motor	kw		5.5			5.5	
Hydraulic motor	kw		2			2	
Lubrication motor	w		3.5			3.5	
Power requirement	kva		26			30	
Coolant tank capacity	L		140L(85%)			140L(85%)	
Machine dimensions (LxWxH)	mm		2,695 x 1,810 x 1,950			2,695 x 1,810 x 1,950	
Weight	kg		4150			4230	



JINN FA

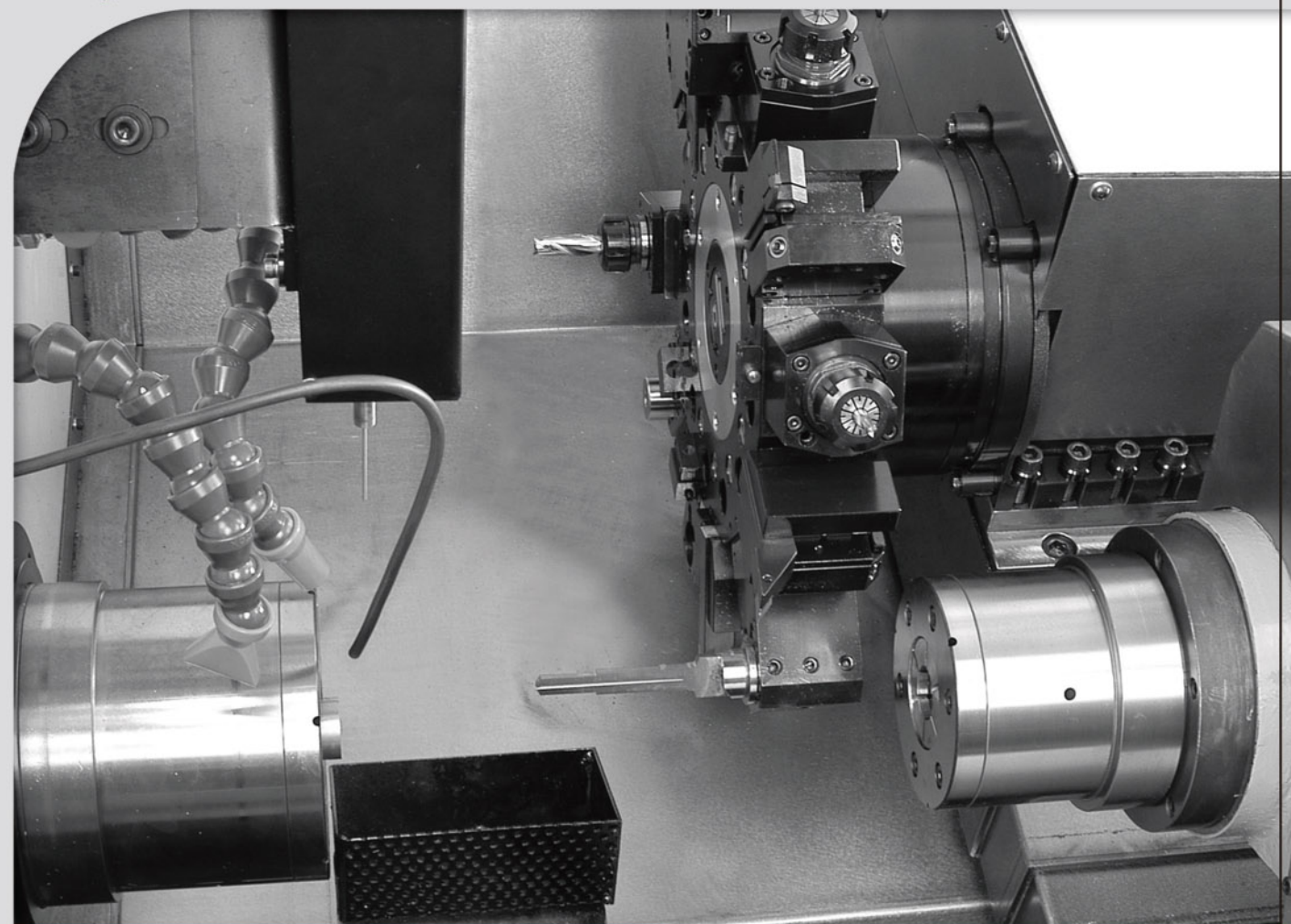
縉錫工業股份有限公司
JINN FA MACHINE INDUSTRIAL CO., LTD.

彰化縣福興鄉元中村橫圳巷12號
12, Hengching Lane, Yuanchung Village,
Fushing Hsiang, 50606 Changhua Hsien, Taiwan.
TEL: 886-4-779-2211 (REP)
FAX: 886-4-779-3386
<http://www.jinnfa.com>
E-mail: jinnfa@ms18.hinet.net

<http://www.dcw.com.tw> 2000.02.2009



JINN FA



JCL series

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

JCL-42/52/60TS
JCL-42/52/60TSM



Since 1976

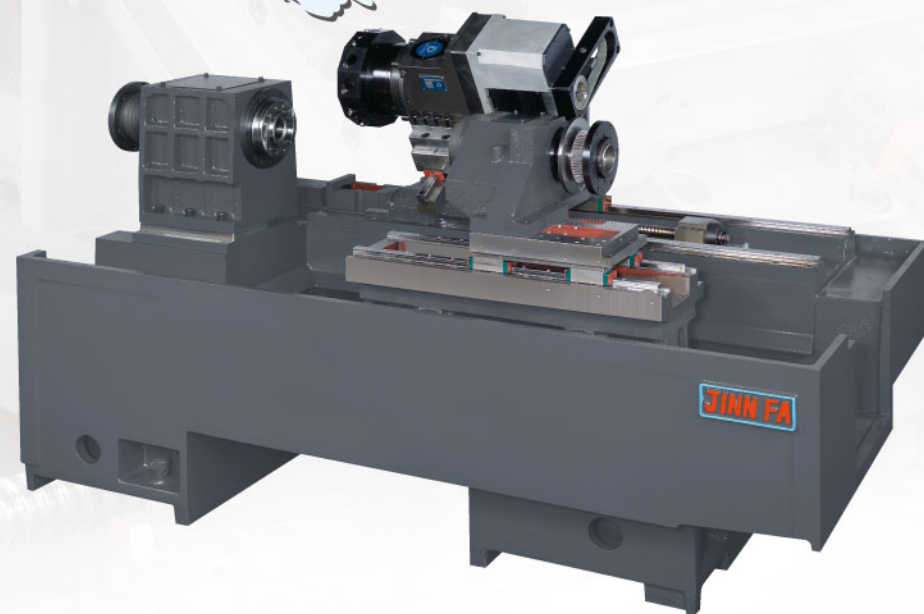


The Ultimate CNC Lathe Combines Two Spindles in One Machine.

JCL - 42TS / 52TS / 60TS

JCL - 42TSM / 52TSM / 60TSM

TS/TSM BASE



- The sub-spindle is suitable for back side machining which saves time in secondary machining.
- The sub-spindle accommodates a 6" 3-jaw chuck or a collet chuck.
- The two-spindle has spindle speed, fine precision and excellent efficiency.
- 12-position turret.

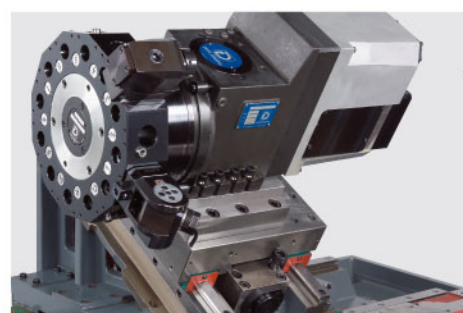
HEAT EXCHANGER FOR ELECTRICAL CABINET

The high efficiency heat exchanger allows for constant temperature in the electrical cabinet. It also ensures the performance dependability of electronic components.



RIGID, PRECISE SPINDLE

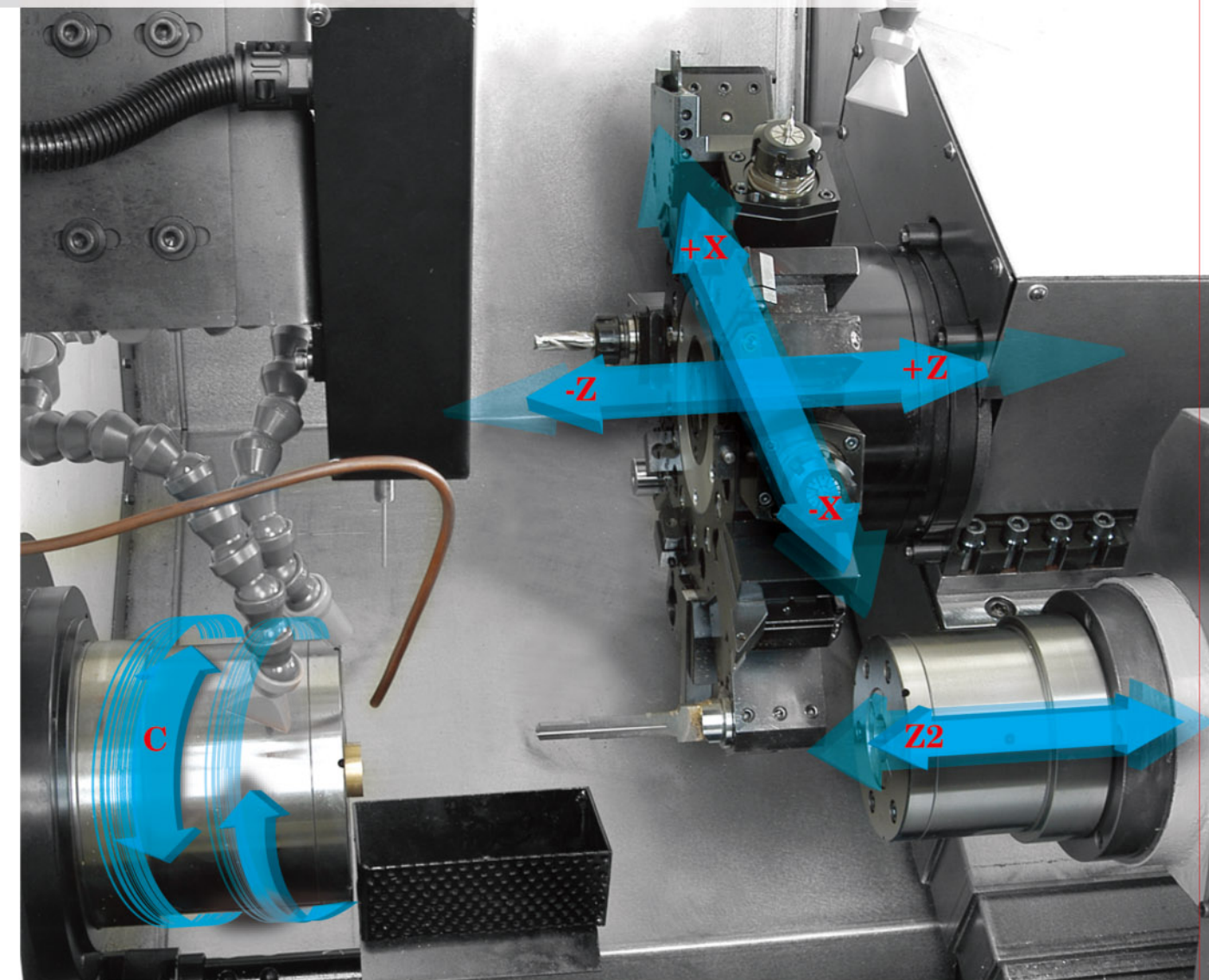
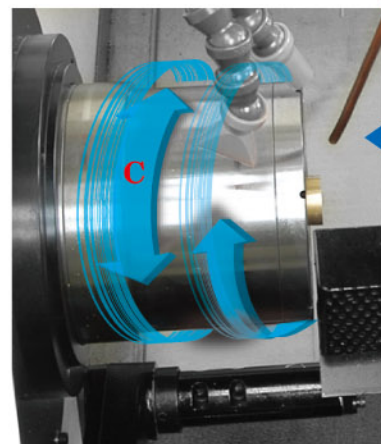
- The spindle is precision machined from Chrome-molybdenum alloy steel, hardened and dynamically balanced to assure lifetime accuracy.
- The spindle is supported by class P4 angular contact ball bearings, featuring outstanding axial and radial loading capabilities. Maximum stability of spindle is enhanced especially when performing heavy cutting.



POWER TURRET

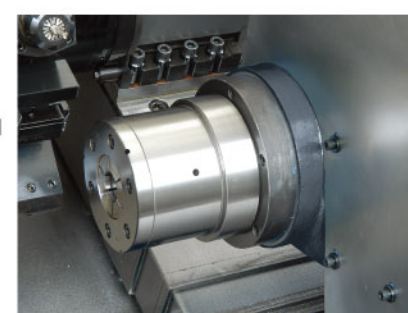
The power turret features bi-directional tool change. Tool change time between adjacent tools is only 0.2 second. The turret loading capacity is 12 tools. The rotary power tool holder can be fitted with 6 tools.

C-AXIS



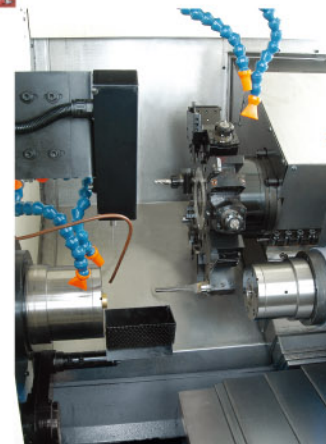
SUB-SPINDLE

The sub-spindle can be mounted with a 6" 3-jaw chuck or a collet chuck. It is driven by a 5.5 KW motor.



MAIN SPINDLE, SUB-SPINDLE AND PARTS CATCHER

- The combination of the main and sub-spindle allows the machine to perform front and back side machining on a workpiece at one time.
- When requested, a parts catcher is available. It provides convenient and efficient parts collection.



STANDARD ACCESSORY

- Lighting device
- Coolant device
- Splash guard
- Tools & Tool Box
- Base block 5pcs
- Inner cutting tool sleeve dia 8,10,12,16,20mm (42/52/60TS)
- VDI 12-position power turret (42/52/60TSM)
- 12-position hydraulic turret (42/52/60TS)
- Foot switch
- Main-Spindle collect chuck
- Operation manual
- NC controller operation manual
- NC controller maintenance manual
- Heat exchanger
- Chuck air blow
- Material stop bar
- Parts catcher
- C-Axis (42/52/60TSM)
- 6" 3-jaw chuck(sub-spindle)

OPTIONAL ACCESSORY

- Chip conveyor
- Chip cart
- External tool holder
- Inner tool holder
- Parts conveyor
- 8" 3-jaw chuck (main-spindle)
- 5 degree multiple cycle setting device (max. 12 position) (42/52/60TSM)
- Voltage stabilizer
- Transformer
- Hydraulic bar feeder