



i5 T3

CNC LATHE



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SHENYANG MACHINE TOOL CO., LTD.

i5 T3

INTELLIGENT LATHE

The Omnipotent hero of i5 family, multiple function in one machine, more efficient and versatile

i5 T3 as a universal intelligent lathe, wide application, according to the typical parts processing industry to optimize the processing path, improve processing efficiency.

The New machine based on the number of parts the minimalist and easy operation, Module can be used for industry expansion machine platform architecture.

The internationalization of key components, Improve product quality, Good cost performance

T3 OMNIPOTENT HERO
highly efficient
quickly response

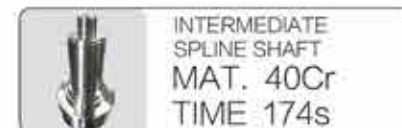
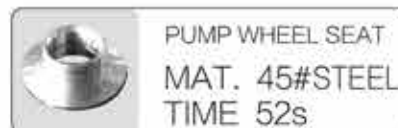
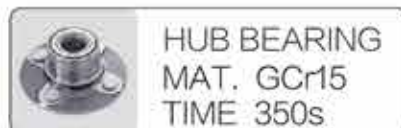
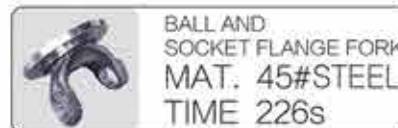
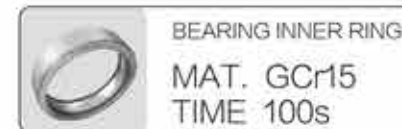
Based on the requirement of the customer, Optimization and Improvement

15

Precision positioning,
repeat positioning accuracy up to

0.005 mm

Cost-effective
Intelligent general lathe



Technical Specifications

Project	Name	Unit	i5 T3.1 Cutter	i5 T3.3 Servo		i5 T3.5 Servo	
Technical Specification	Max Cutting Diameter	mm	Φ160	Φ360	Φ360	Φ500	Φ500
	Max Turning Length	mm	200	280	500	500	750
	Swing Over Bed	mm	Φ420	Φ480	Φ480	Φ530	Φ530
	Swing Over Slide	mm	Φ160	Φ260	Φ260	Φ260	Φ260
Spindle	Nose Type		A2-5	A2-6	A2-6	A2-8	A2-8
	Front Bearing Inner Diameter	mm	90	100	100	120	120
	The Front End Of The Spindle Hole Taper And Taper		1:20; Φ62	1:20; Φ70	1:20; Φ70	1:20; Φ90	1:20; Φ90
	Bore Diameter	mm	Φ56	Φ65	Φ65	Φ80	Φ80
	Standard Chuck Diameter	inch	6	8	8	10	10
	Maximum Spindle Speed	r/min	5000	4000	4000	3500	3500
	Spindle Rated Torque	Nm	63 (833r/min)	157.5 (666 r/min)	157.5 (666 r/min)	243 (588 r/min)	243 (588 r/min)
	Max Spindle Torque	Nm	85.9 (833r/min)	215 (666 r/min)	215 (666 r/min)	300 (588 r/min)	300 (588 r/min)
	Spindle Motor Power	kW	5.5/7.5	11/15	11/15	15/18.5	15/18.5
Feed	X/Y Axis Rapid Traverse	m/min	30	30	30	24	24
	X Axis Travel	mm	400	190	190	270	270
	Z Axis Travel	mm	250	280	510	500	760
Tailstock	Tail Stock Travel	mm	--	--	(optional, 400)	400	600
	The Tailstock Taper Hole Taper		--	--	(optional, M5)	M5	M5
Tool Carrier	Center Height	mm	--	80	80	100	100
	Station Number		--	8	8	8	8
Overall Dimension (Not Including Chip Conveyor)		mm	1815 ×1600 ×1880	2250 ×1600 ×2000	2625 ×1600 ×2000	2625 ×1600 ×2000	3300 ×1600 ×2000

Technical parameters based on supply plan you purchase