



i5 TS

CNC LATHE



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SHENYANG MACHINE TOOL CO., LTD.

i5 T5

INTELLIGENT LATHE

Superman of I5 series, beyond your expectation.

Based on the world leading idea of lathe, I5T5 is a high quality product.

Approached to international advanced level, high accuracy and stability.

Optimized structure of machine, high rigidity, strong extensibility supporting personalized option.

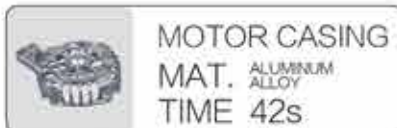
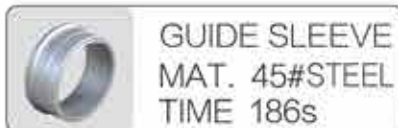
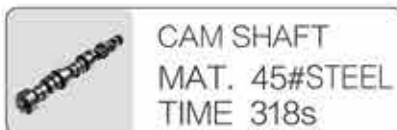
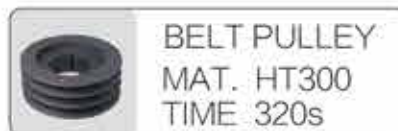
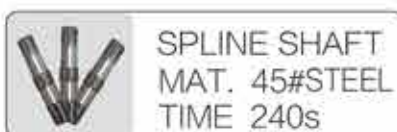
T5 SUPERMAN
personalized option
meet your demands

High efficiency
Acceleration approach to

1G

High rigidity
Optimized structure

Strong extensibility
Personalized option



Technical Specifications

Project	Name		Unit	i5 T5.1	i5 T5.2		i5 T5.4
Main Specification	Swing Over Bed		mm	Φ420	Φ560	Φ560	Φ720
	Max Cutting Length		mm	350	500/1000	500/1000	1000/1500
	Max Cutting Diameter		mm	Φ280	Φ350	Φ350	Φ500
	Swing Over Slide		mm	Φ360	Φ360	Φ360	Φ500
Spindle	Nose Type			A2-5	A2-6	A2-8	A2-8
	Spindle Hole Diameter		mm	Φ56	Φ65	Φ80	Φ80
	Max Spindle Speed		r/min	4500	4500	4000	3000
	Max Spindle Output Torque		N.m	125(769 r/min)	178(730 r/min)	260(730 r/min)	325(833 r/min)
	Main Motor Output Power (Continuous/15minutes)		kW	7.5/11	11/15	15/22	30/22
	Chuck Diameter		inch	6	8	10	10
Feed	X/Z Axis Rapid Traverse		m/min	30	30	30	30/30 (1000mm) 30/20 (1500mm)
	X Axis Travel		mm	175	200	200	280
	Z Axis Travel		mm	410	560/1050	560/1050	1070/1570
Others	Tailstock Body Travel		mm	300	450/950	450/950	850/1200
	Tool Size		mm	25 × 25/Φ40	25 × 25/Φ40	25 × 25/Φ40	25 × 25/Φ40
	Machining Accuracy			IT6	IT6	IT6	IT6
	Positioning Accuracy	X Axis	mm	0.008	0.008	0.008	0.01
		Z Axis	mm	0.008	0.008	0.008	0.015/0.020
	Repeatability	X Axis	mm	0.004	0.004	0.004	0.005
		Z Axis	mm	0.005	0.005	0.005	0.007/0.013
	Max Load		Disc/Shaft kg	100/200	200/500	200/500	200/600
	Machine Weight		Machine kg	3000	4000/4300	4050/4300	7500/9500
	Overall Dimension (Not Including Chip Conveyor)		mm	2130 × 1785 × 1750	2750 × 1890 × 1900 3570 × 1890 × 1900	2870 × 1890 × 1900 3590 × 1890 × 1900	4560 × 2140 × 2170 4700 × 2250 × 2250

Technical parameters based on supply plan you purchase