

TS 205 TS 325 TS 385

CNC Swiss Automatic Lathes



World-Class High-Precision
CNC Swiss-Type Automatics

TS 205

TS 325

TS 385

THE MORE FACTOR

KSI automatic lathes are known for delivering More: more mass, more power, more tools, more stroke, more thrust, more gripping force, and more room.

Designed to achieve maximum productivity within the tightest tolerances, the KSI Swiss TS Series weighs in from 6,843 to 7,716 pounds (3,100-3,500 kg), making them the heaviest of any comparable Swiss-type on the market. Much of this weight is attributed to the extremely rigid and stable base casting and toolstand, which reduces vibration and provides thermal stability critical to maintaining tight tolerances on workpieces.

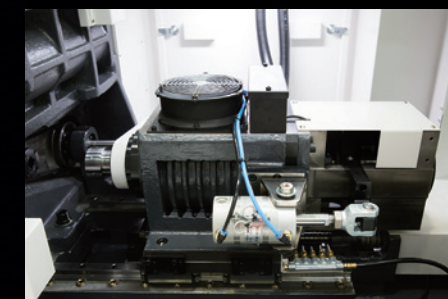
Combine its superior strength with powerful Fanuc motors, the highest-quality electronics, and the most complete standard features package of any machine in its class, and it becomes clear that KSI TS Series automatics have the power and flexibility to tackle the most comprehensive and demanding Swiss applications.

KSI Swiss TS Series CNC Automatics are the heaviest, strongest, and most feature-packed Swiss-type in their class.

One of the most common complaints we hear about Swiss-types is the lack of interior room available for setup. We know that a dark, cramped space is not the ideal working environment for anyone. So, we responded by engineering the cabinet of our CNC automatics to be as spacious as possible within the machine's minimal footprint. All of our TS models feature large doors, access panels, and ample lighting to afford operators maximum accessibility and visibility during setup and retooling.



TS 205 shown with Bar Feeder



High Power Embedded Main Motor

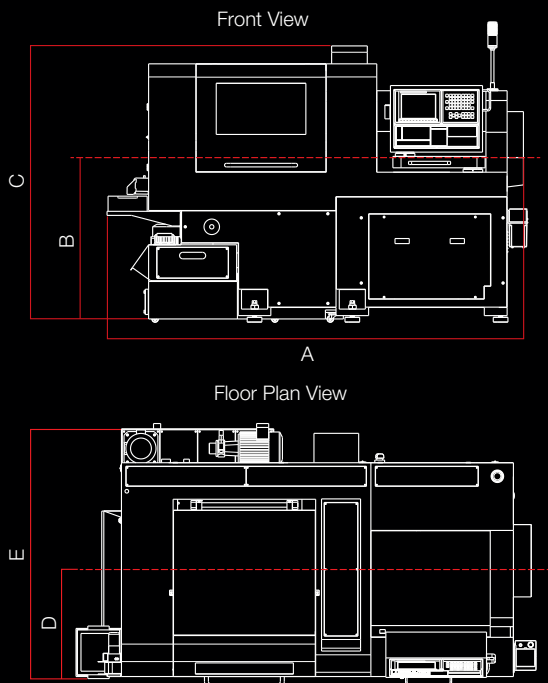


Of Cross Drill

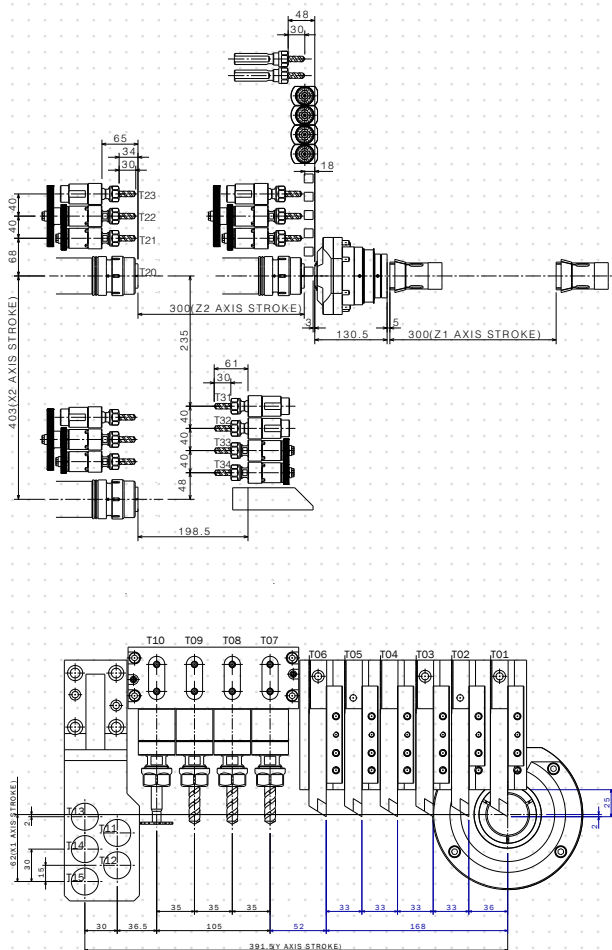


Optimization Of Machining Ability





	TS 205	TS 325	TS 385
A: Length (mm)	2,555	3,000	3,000
B: Height of Center (mm)	1,000	1,000	1,000
C: Height (mm)	1,695	1,800	1,800
D: Distance of Center (mm)	595	600	600
E: Width (mm)	1,390	1,450	1,450
Weight (kg)	3,100	3,500	3,500



ITEM		TS 205	TS 325	TS 385
NC Specification		Fanuc Oi-TF		
Max. Machining		Ø20mm	Ø32mm	Ø38mm
Max Chucking Ø In Sub		Ø20mm	Ø32mm	Ø38mm
O.D.		6EA [□12]	6EA [□12]	
Tool No	O.D.	4EA [ER16M]	4EA [ER16]	
	Front	5EA		
	Back End	4EA [ER16 / 2Fixed, 2Live		
Main drill/tap	Max. Drilling	Ø10mm		
	Max. Tapping	M8		
	Max. Drilling	Ø8mm [ER16M]	Ø8mm [ER16]	
Cross	Max. Tapping	M6 [ER16M]	M6 [ER16]	
	Max. Slotting	Width 1.5mm X Depth 4.0mm		
	Max. Drilling (Fixed)	Ø10mm [ER16M]	Ø10mm [ER16M]	
Back End	Max. Drilling (Live)	Ø8mm [ER16M]	Ø8mm [ER16]	
	Max. Tapping (Fixed)	M8 [ER16M]	M8 [ER16]	
	Max. Tapping (Live)	M8 [ER16M]	M8 [ER16]	
Main Motor	Max. rpm	10,000rpm	8,000rpm	
	Power	2.2 / 3.7Kw	5.5 / 7.5Kw	
Sub Motor	Max. rpm	8,000rpm		
	Power	5.5 / 2.2Kw		
Cross Motor	Max. rpm	5,000rpm		
	Power	1Kw		
Back End Motor	Max. rpm	5,000rpm		
	Power	1Kw		
Cooling Tank Capacity (Liter)		180Liter		
Weight (Kg)		3,100Kg	3,500Kg	
Electrical Power (Cable Size)		15KVA (Min 6 SQ)		
Air Flow Rate		120~150Liter / Min		

All specifications are subject to change without notice.



Call 888.344.3330 or e-mail sales@ksiswiss.com for more information

KSI Swiss • main 952.564.3290 • fax 952.564.3293 • sales@ksiswiss.com • support@ksiswiss.com • www.ksiswiss.com