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VERTICAL TURNING LATHE (VTL)

A HEAVY DUTY TURNING SOLUTION

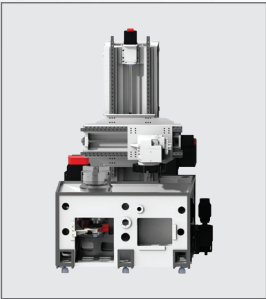
Discover the incredible abilities of STM Vertical Turning Lathes (VTLs) and how they may extend your manufacturing operations to the next phase. From heavy machinery to aerospace and automotive, STM's VTLs are known for their precision and efficiency in turning large cylindrical workpieces. Whether you're in tool and die making oil and gas, or custom fabrication, our VTLs are ready to meet your most rigid requirements.



Manufacturing Unit
of S&T Group



STRUCTURE



TURRET



AEROSPACE



RAILWAY



CONSTRUCTION



ENERGY



PUMP & VALVE



AUTOMOBILE

DISCOVER THE MEANING OF VALUE

Technical Parameters

SPECIFICATIONS	UNIT	MODEL		
		VTL60	VTL80	VTL100
CAPACITY				
Max. Swing Diameter	mm	800	1000	1200
Max. Turning Diameter	mm	Ø700 / L 150	Ø850 / L 150	Ø1100 / L 150
Standard Turning Diameter	mm	650	800	850
Max. Turning Height	mm	750	850	900
Chuck Size	mm	305 (400)	400 (530)	530 (630)
TRAVEL				
X - Axis	mm	-40 / + 350	-40 / + 430	-40 / + 530
Z - Axis	mm	770	870	920
MAIN SPINDLE				
Spindle rpm	rpm	2500/2000	2000	2000/1500
Spindle Nose Taper	Type	A2 - 8 / A2 - 11	A2 - 11	A2 - 11 / A2 - 15
Max. Weight Including Fixture/chuck	kg	500/650	800	1500
TURRET				
Type	-	Hydraulic	Hydraulic	Hydraulic
No. of stations (optional)	Nos	8 (10) (12)	12 (10)	12 (10)
Tool shank size	mm	25	32	32
Boring bar diameter	mm	40	60	60
AXIS DRIVE				
Rapid X - Axis	mm	24	20	20
Rapid Z - Axis	mm	24	20	20
MOTOR				
Spindle power - Mitsubishi	kw	15/18.5(18.5/22)	18.5/22	18.5/22(22/30)
Spindle motor - Fanuc	kw	15/18.5(18.5/22)	18.5/22	18.5/22(22/30)
		OTHERS		
Machine Weight (Approx.)	Kg	8000	10000	11000
Power Supply	Kva	40	40	40

Note:

A ZF Gearbox should be provided as optional.

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