

## ST-20M/ ST-25M TWIN SPINDLE CNC LATHE



ST-20M/ST-25M machine tool is four shaft linkage, half closed loop control of all the function numerical control lathe, machine equipped with REXROTH MTX and numerical control system, adopt and lathe bed, and a 45 ° tilt level guide to decorate, W and Z axis axis motion guide is using sliding guide rail, friction coefficient little, dynamic characteristic well.

**Detailed Description**

ITEM	MACHINE SPECIFICATIONS	UNIT	ST-20M	ST-25M
CAPACITY	Max. swing diameter	mm	Φ600	Φ650
	Max. cutting diameter	mm	Φ400	Φ400
	Max. milling and cutting diameter	mm	Φ310	Φ320
	Max. cutting length	mm	500	650
SPINDLE	Spindle head form		A2-6	A2-8
	Chuck size		8" (Hollow hydraulic chuck)	10" (Hollow hydraulic chuck)
	Max. spindle speed	rpm	4500	3500
	Spindle through hole diameter	mm	Φ76	Φ87
	Main spindle motor power	kW	13.6	15/20.5
VICE SPINDLE	Spindle head form		A2-6	A2-6
	Chuck size		8" (In implementing hydraulic chuck)	8" (In implementing hydraulic chuck)
	Max. spindle speed	rpm	4500	3500
	Spindle through hole diameter	mm	Φ76	Φ65
	Main spindle motor power	kW	9.5	11/15
TURRET	Tool turret type		12 positions servo dynamic tool turret	12 stations
	Encircle turning tool holder size	mm	20*20	25*25
	Inner diameter tool holder size	mm	Φ32 mm, φ25 mm, φ20 mm, φ16 mm	Φ40 mm, φ32 mm, φ25 mm, φ20 mm
	Max. speed of Power tools	rpm	4000	4000
OPERATION TRAVEL	X axis travel	mm	200	240
	Z axis travel	mm	540	690
	Y axis travel	mm	±50	±50
	W axis travel	mm	520 (Vice spindle travel)	750 (Vice spindle travel)
RAPID SPEED	X axis rapid speed	mm/min	20	12
	Z axis rapid speed	mm/min	20	16
	Y axis rapid speed	mm/min	12	12
	W axis rapid speed	mm/min	20	16
CONTROL SYSTEM	Control system		Fanuc-Oi-TD	SIEMENS 840D
MOTOR PARAMETER	X/Y/Z/W axis servo motor torque	Nm	14.5/14.5/20/20	10.3/10.3/18.5/18.5
	Spindle drive motor power/torque	kW/Nm	13.6, 89.9	15/20, 95.5
	Vice spindle drive motor power/torque	W/Nm	9.5, 64.1	11/15, 12
	Rotary tool drive motor power/torque	kW/Nm	8.5, 20	5.7, 12
MACHINE	Machine size (L*W*H)	mm	4336*1840*2160	5025*1940*2167
	Spindle center height	mm	1021	1010
	Machine weight	kg	5500	8500

**STARMAC MACHINERY CO.,LTD**

Head office

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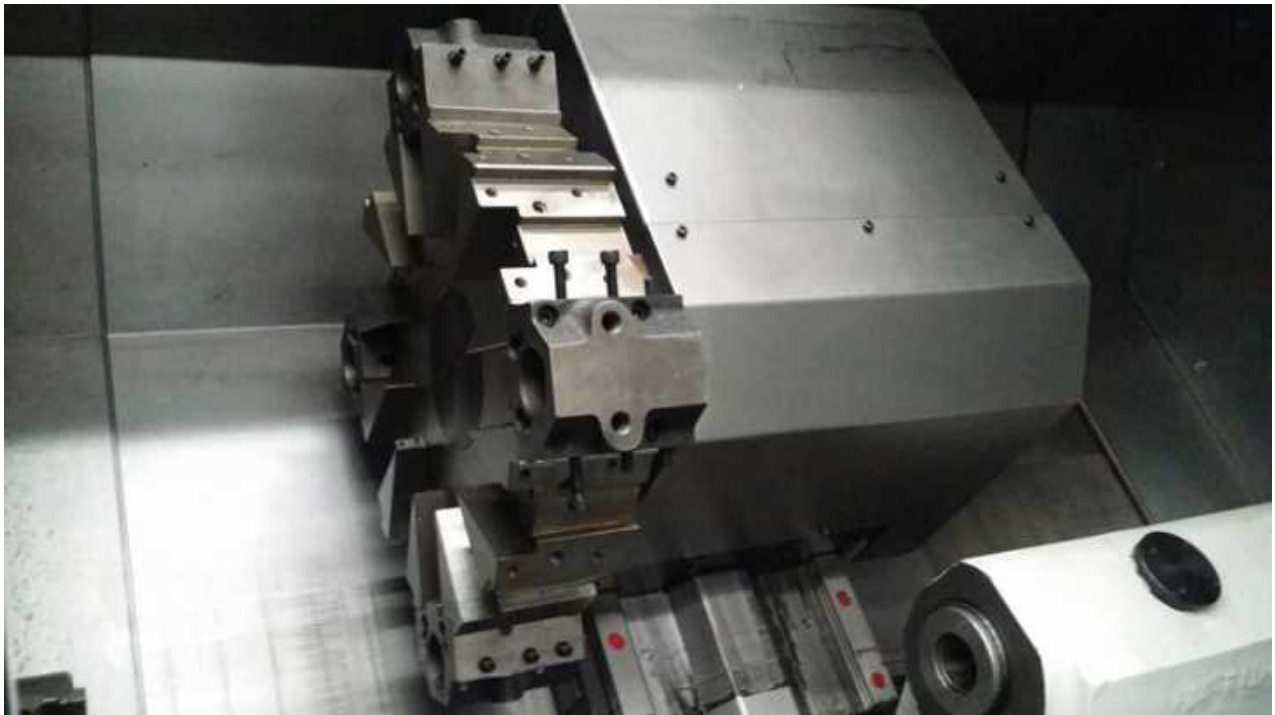
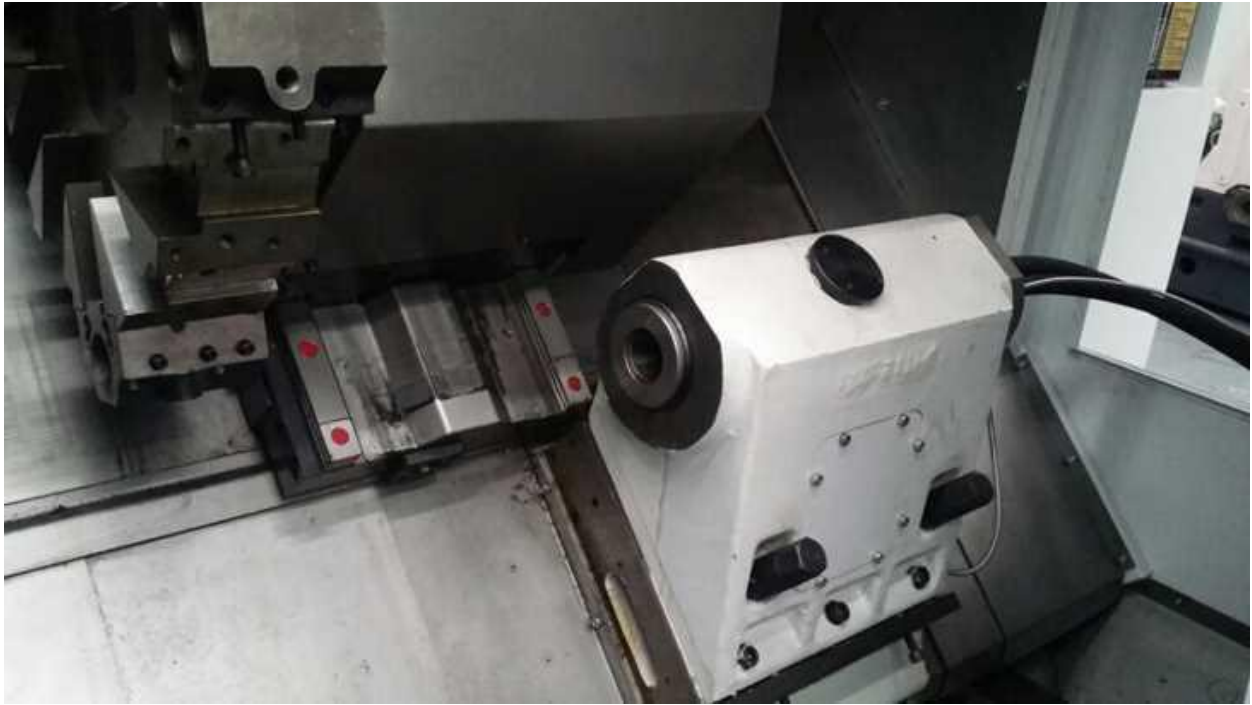
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