

MÜNZER

Munzer Technology Co., Ltd

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DSTT 250

One-time clamping

- Dual tools cutting simultaneously
- High efficiency & precision
- Integrated machining solution for complex parts



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MAIN PERFORMANCE

DSTT SERIES

DSTT MODEL

Left Spindle

- motor Spindle :A2-6
- Spindle hole:φ65
- bar hole:φ56

Right Spindle

- motor Spindle :A2-6
- Spindle hole:φ65
- bar hole:φ56

Upper Turret

- With driven tools
- With Y axis

Lower Turret

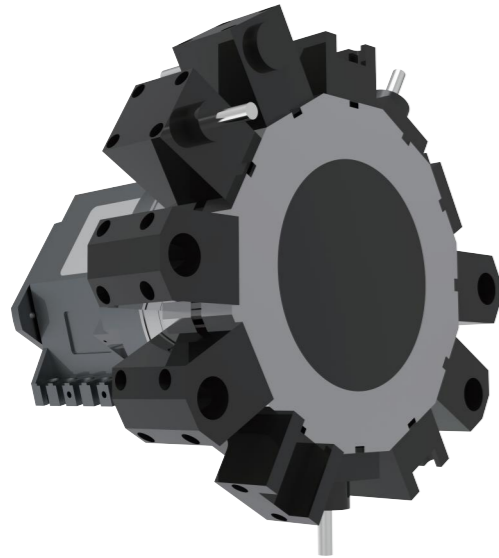
- With driven tools
- With Y axis



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DSTT SERIES

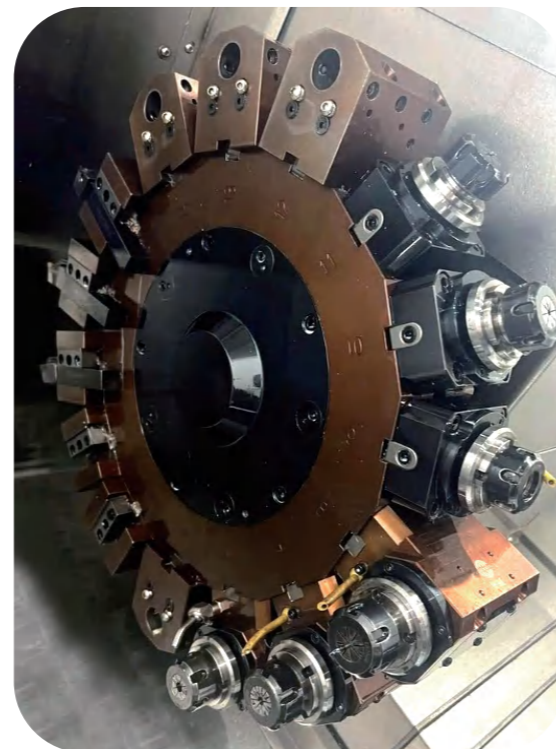
*BMT55 live TOOL turret
12000rpm driven
tool holders*



- The tool turret indexing is directly driven by a servo motor coupled with the tool disc/end-tooth disc, eliminating the traditional worm gear and worm/gearbox.
- Equipped with a three-piece precision end-tooth disc and hydraulic strong locking, the positioning accuracy can reach $\pm 2''$, and the repeat positioning accuracy is $\pm 1''$.

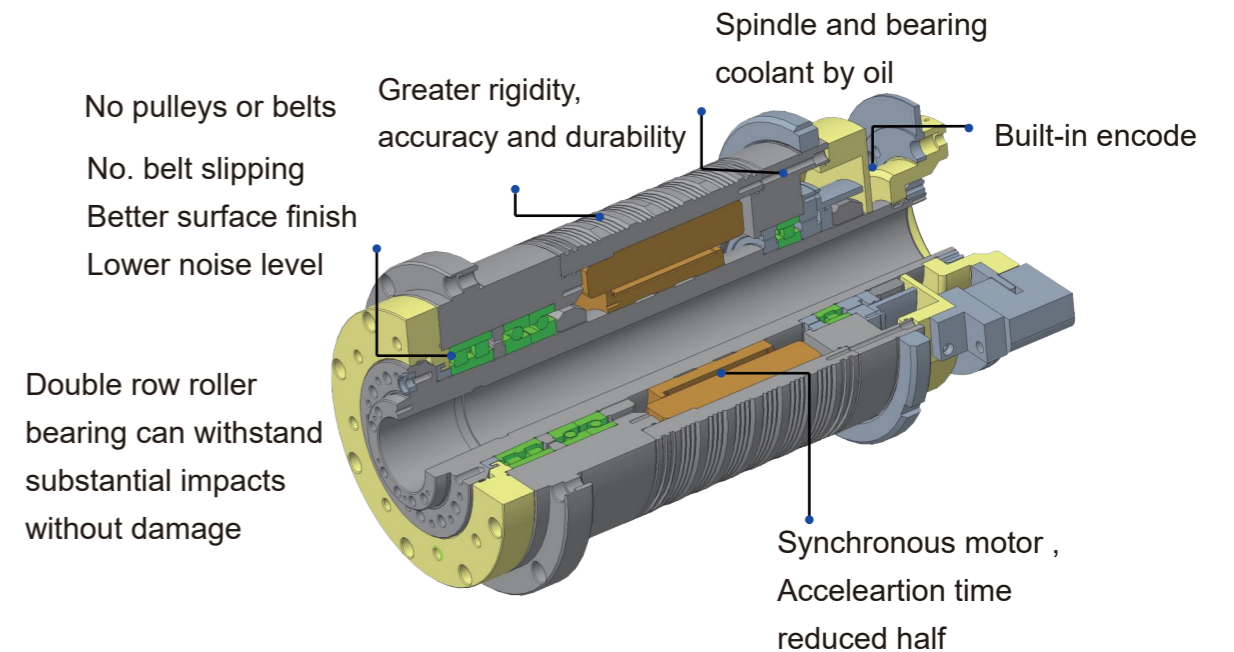
15 tool positions for flexible configuration: turning tools, live milling tools, drilling and tapping tools, and forming tools.

Supports forward/backward cutting and Y-axis offset machining, ideal for single-piece or batch production with highly concentrated processes.

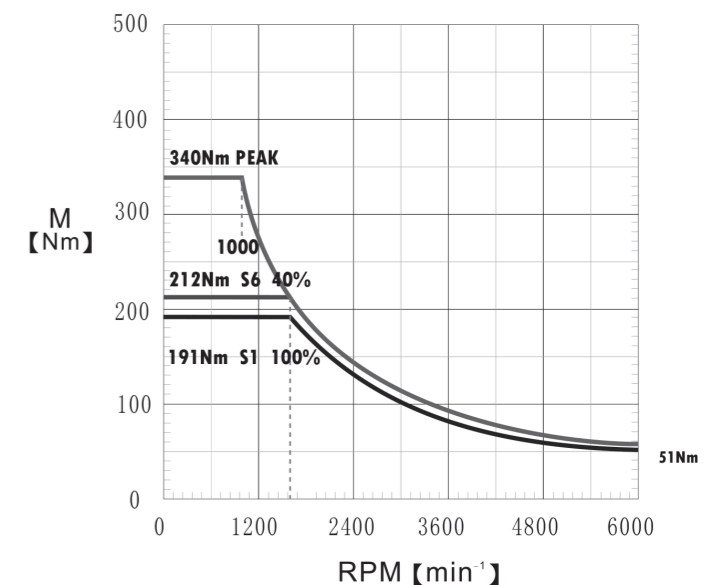
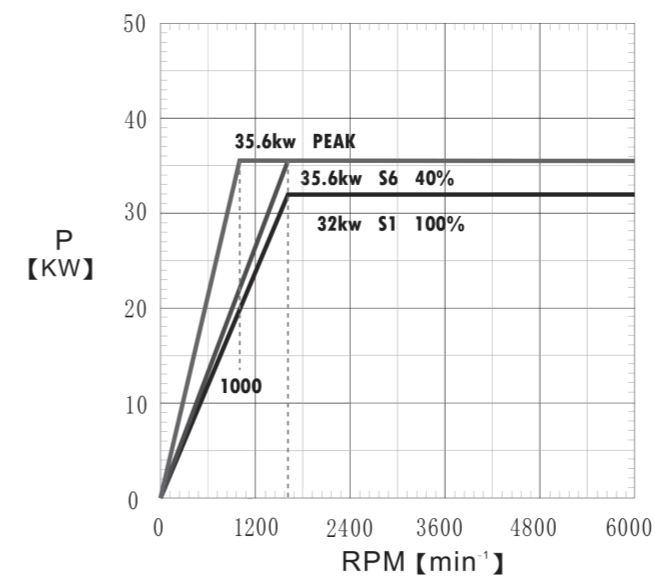


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*MOTORS INCREASE
ACCURACY AND REDUCE
MACHINING TIMES*

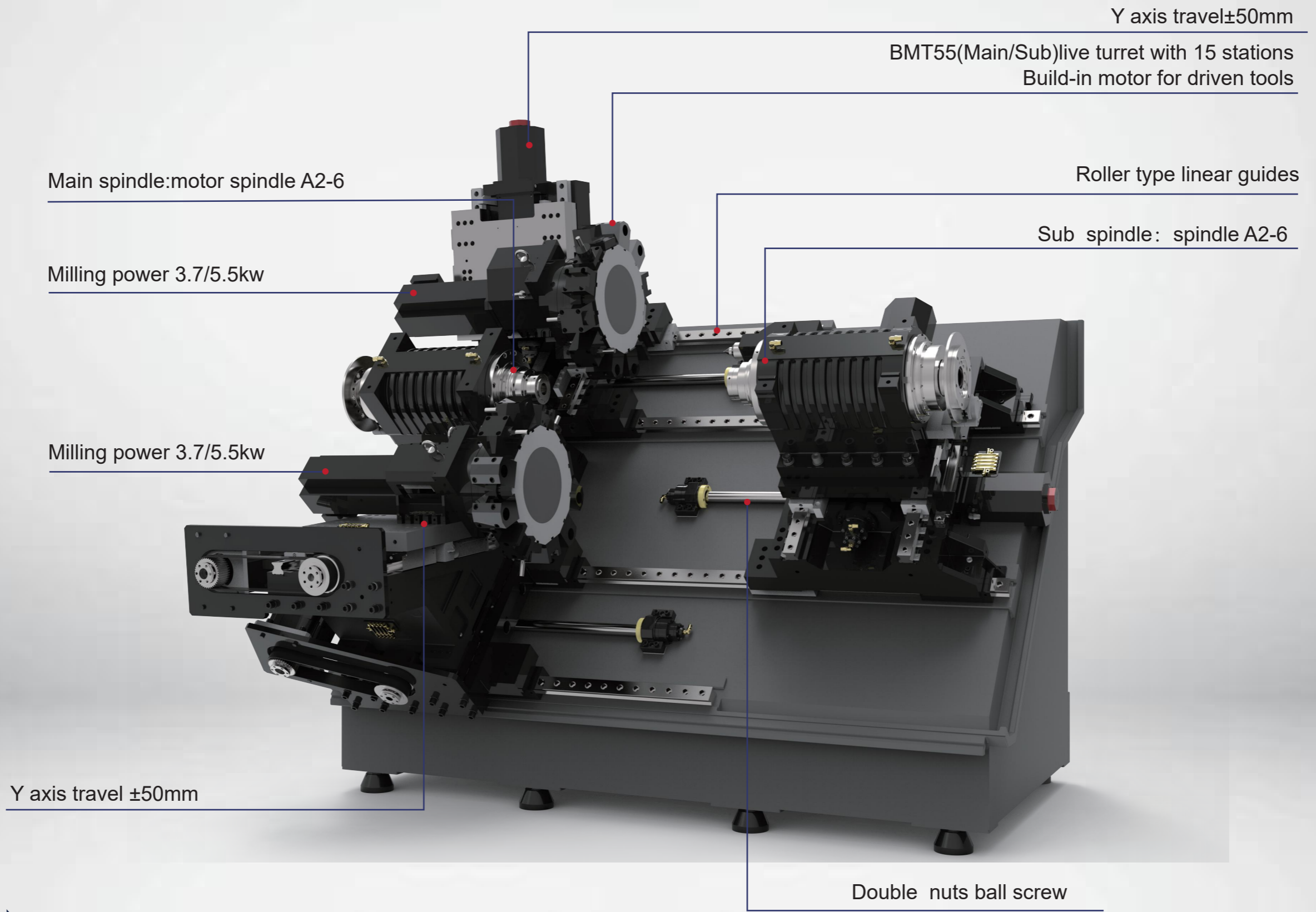


*POWER AND TORQUE
DIAGRAM OF SPINDLES*



KEY FEATURES

DSTT SERIES



Y axis travel±50mm

BMT55(Main/Sub)live turret with 15 stations
Build-in motor for driven tools

Roller type linear guides

Sub spindle: spindle A2-6

Main spindle: motor spindle A2-6

Milling power 3.7/5.5kw

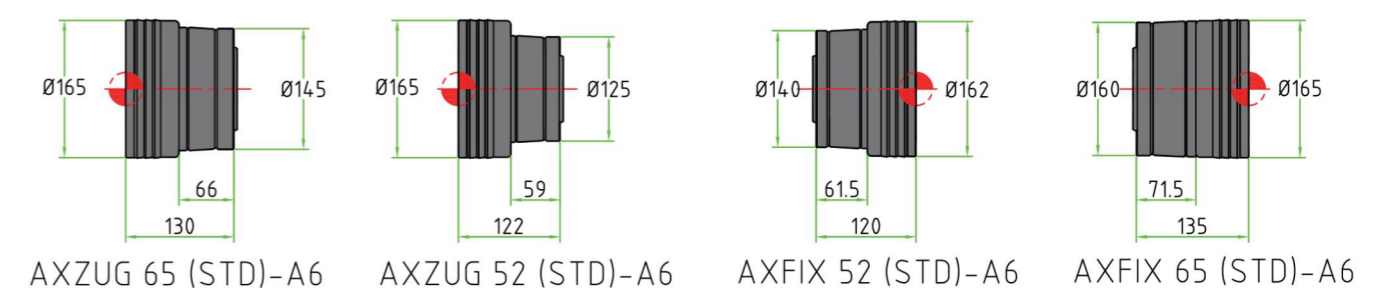
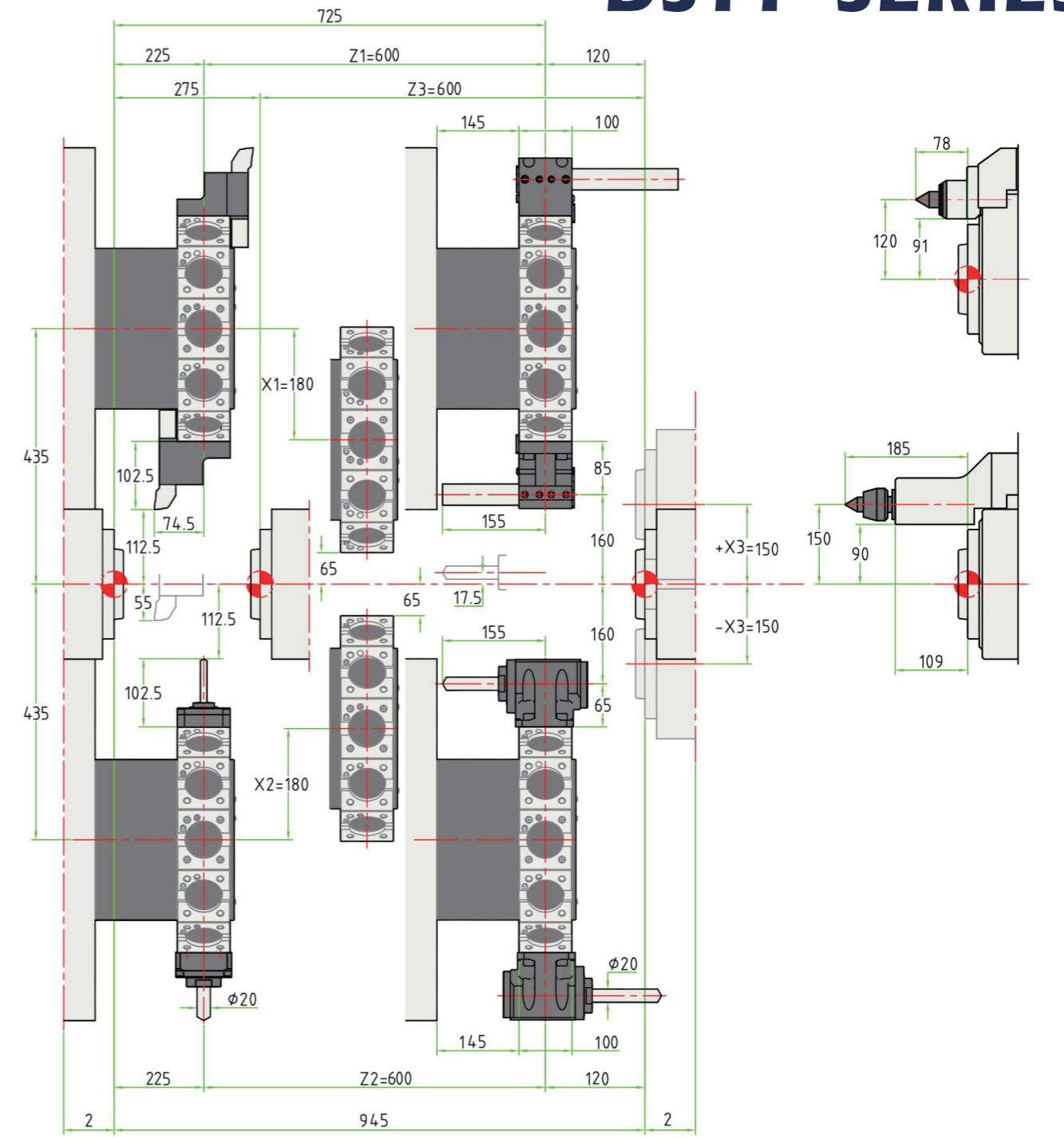
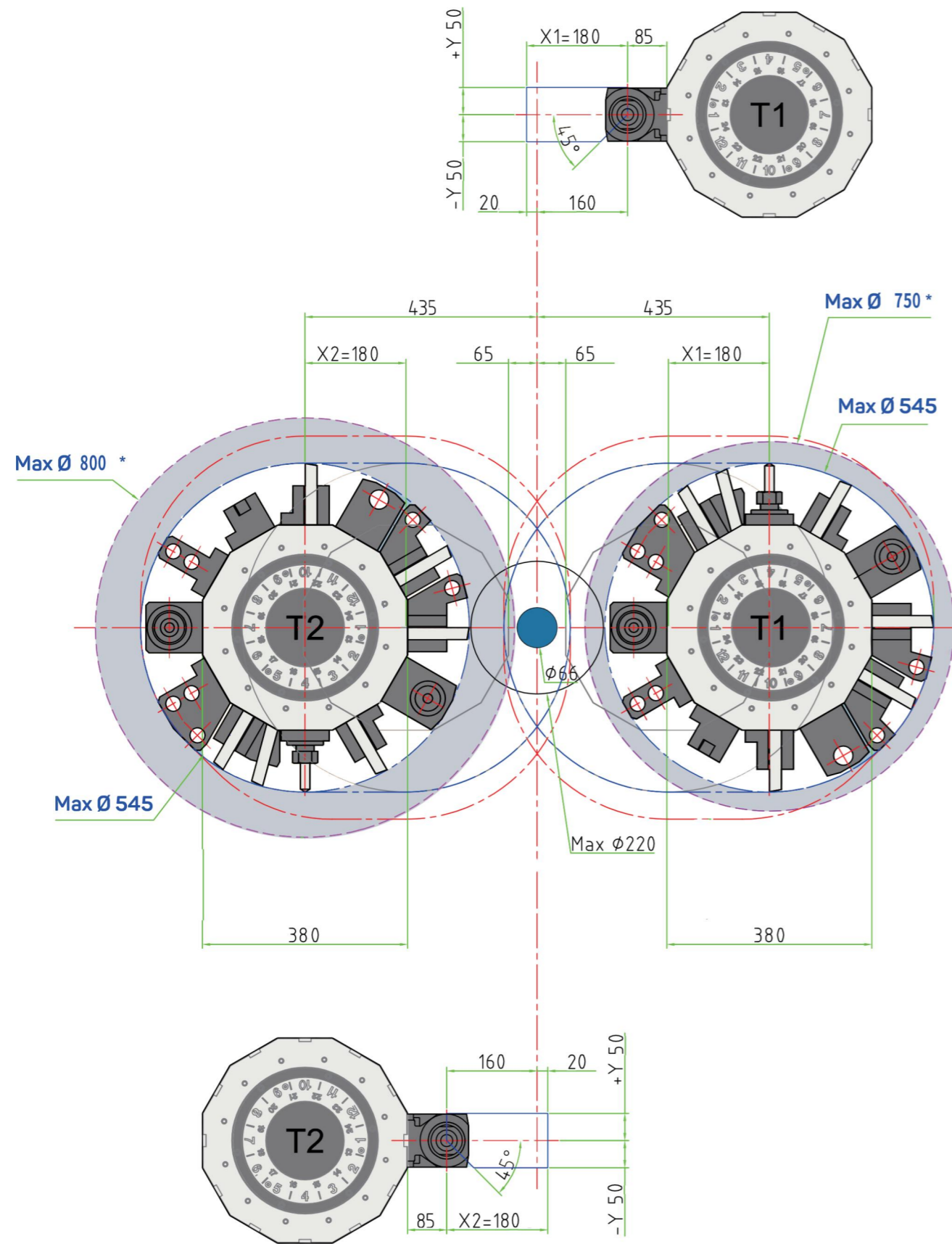
Milling power 3.7/5.5kw

Y axis travel ±50mm

Double nuts ball screw

TRAVELS

DSTT SERIES



TECHNICAL SPECIFICATIONS

DSTT SERIES

GENERAL Data	unit	DSTT250
Maximum diameter of swinging allowed	mm	250
Maximum turning diameter	mm	230
X1-X2-axis travel	mm	180/180
X3-axis travel	mm	+/-125
Z1-Z2-axis travel	mm	600/600
Z3-axis travel	mm	600
Y-axis travel	mm	+/-50
Fast feedrate X	m/min	30
Fast feedrate Z	m/min	30
Fast feedrate Y	m/min	20
Axis acceleration	-	1g=9,8 m/s ²
Spindle		
Maximum speed	rpm	4500
Spindle nose	-	A2-6
Spindle inside diameter	mm	65
Bar hole	mm	66
Chuck diameter	-	8"
Maximum bar diameter	mm	52
Spindle power (max/S1 100%/ PEAK)	kW	32/35.6
Turning torque (S1 100%/PEAK)	Nm	191/340

GENERAL Data	unit	DSTT250
Turret		
Number of positions	t	15
Section of tools	mm	25*25
Changing time	s	0.2
Driven tools		
Number of driven tools	t	15
Turning speed	rpm/min	12000
Power	kW	3.7/5.5
Maximum torque	Nm	47.8
Subspindle		
Maximum speed	rpm/min	4500
Spindle nose	-	A2-6
Spindle inside diameter	mm	65
Bar hole	mm	66
Chuck diameter	-	8"
Chuck bore	mm	52
Power (S1 100%/PEAK)	kW	32/35.6
Turning torque (S1 100%/PEAK)	Nm	191/340
Miscellaneous		
Total weight	kgf	11000
Dimensions	mm	