

### High speed, high rigidity and compact multi-tasking machine.

- » Up to 26kW cutting power available for turning shaft-work with synchronized spindles.(Left spindle motor 15/11kW, Right spindle motor 11/7.5kW)
- » Driven-Tool Motor Power 5.5/3.7kW,for heavy cutting with small tools.
- » With upper / lower turret construction, 4-axis machining as well as various other machining combinations possible on either spindle
- » With upper / lower turrets and opposed two-spindle construction,cycle time balancing and reduction is possible.
- » With up to 24-tools per turret,48 tools can be permanently available.

19" colour LCD  
touch panel

NT SMART X



### General specification

Machine size	
Floor space (LxWxH)	3,674mm × 2,264mm × 1,885.2
Machine weight	8,900kg
Capacity	
Max. turning diameter	190mm
Max. turning length	515mm
Distance between spindle nose	max. 800mm / min. 200mm
Bar capacity	51mm 65mm (L)
Chuck size	6" 165mm / 8" 200mm

### Technical specification

Axis travel		
Slide travel X1 / X2	167.5 / 167.5mm 152.5/167.5mm	
Slide travel Z1 / Z2 / B	515 / 515 / 600mm	
Slide travel Y upper turret	±35mm	
Spindle (left spindle / right spindle)		
Spindle speed	5,000min-1 4,500min-1(L)	
Left spindle motor	Output	15 / 11kW
	Torque	136.4 / 93.4N.m 152.8 / 93.4N-m
Right spindle motor	Output	11 / 7.5kW
	Torque	89.1 / 56.7N-m -

### Technology

Upper turret	
Number of turrets	1
Spindle speed	6,000min-1
Driven motor power and torque	5.5 / 3.7kW 24 / 16N.m
Type of turret head / Number of index positions	Dodecagonal / 24
Rotary system / Number of driven-tool stations	Individual rotation / 12
Lower turret	
Number of turrets	1
Spindle speed	6,000min-1
Driven motor power and torque	5.5 / 3.7kW 24 / 16N.m
Type of turret head / Number of index positions	Dodecagonal / 24
Rotary system/Number of driven-tool stations	Individual rotation / 12