

SC Series

SC-450



**Dynamic cuts demonstrate high rigidity.
15-inch super chucker.**

- » Massive 45 Degree slant bed for maximum rigidity
- » 30/22kW Wide-Range motor for powerful cuts
- » Quicker 'Non-lift' turret indexing to cut idle time
- » Box type slides and rigid turret for high accuracy
- » Bar capacity 80mm standard
- » All FANUC, CNC control and servo drives
- » Dodecagonal 12 station turret



General specification

Machine size	
Floor space (LxWxH)	3,786mm × 1,975mm × 2,100mm
Machine weight	7,200kg
Capacity	
Max. turning diameter/Max. turning length	465mm / 785mm 465mm / 715mm
Distance between center	1,035mm
Bar capacity	80mm / 90mm
Chuck size	12" 305mm 15" 381mm

Technical specification

Axis travel	
Slide travel X/Z	315mm / 825mm
Slide travel Y(op.)	±70mm
Spindle	
Spindle speed	2,500min-1
Spindle motor	30 / 22kW

Technology

Turret	
Number of turrets	1
Type of turret head / Number of index positions	Dodecagonal / 12
Driven tools(op.)	
Spindle speed	3,600min-1
Driven motor power	5.5 / 3.7kW
Rotary system	Individual rotation
Number of driven-tool stations	12
Tailstock(op.)	
Quill diameter/Quill stroke	120mm / 100mm
Quill taper	MT-4 (built-in centre)