DOOSAN V450TM

Listing fields

Manufacturer	DOOSAN Mecatec
Model	V450TM
Machine category	CNC vertical turning centre with driven tools
Condition	Used; operating condition not independently verified
Configuration	Twin-spindle / two machining stations
CNC control	FANUC Series 18i-TB
C-axis	Yes
Tool turrets	2 x SAUTER, 12 stations each, VDI50
Driven tools	Yes, on both turrets
Year of manufacture	2007
Operating hours	Approx. 60,000 hours
Location	Slovenia (exact location to be supplied)

Technical specifications

Maximum turning diameter	450 mm (standard-model reference)
Maximum turning length	450 mm (standard-model reference)
Maximum swing diameter	580 mm (standard-model reference)
Maximum spindle speed	2,500 rpm (standard-model reference)
Chuck diameter	381 mm / 15 in (standard-model reference)
X-axis travel	240 mm (standard-model reference)
Z-axis travel	450 mm (standard-model reference)
Rapid traverse X / Z	20 m/min (standard-model reference)
Main spindle motor power	Approx. 22 kW per spindle (reference; verify)
Tool positions	24 total: 2 x 12
Tool holder interface	VDI50 (modified from standard VDI40 configuration)
Machine weight	Approx. 12,000–13,000 kg (reference; verify)
Overall dimensions	Approx. 2,900 x 2,700 x 2,770 mm (reference; verify)

Used DOOSAN Mecatec V450TM twin-spindle CNC vertical turning centre, fitted with FANUC Series 18i-TB CNC control. The machine has been modified with two SAUTER VDI50 tool turrets, each offering 12 tool stations and driven-tool capability (24 tool positions in total). C-axis capability is available, as confirmed by the owner. The upgraded turret arrangement supports combined turning, drilling and milling operations

Inspection and additional information are available upon request. Technical reference values should be checked against the specific machine before contractual use.