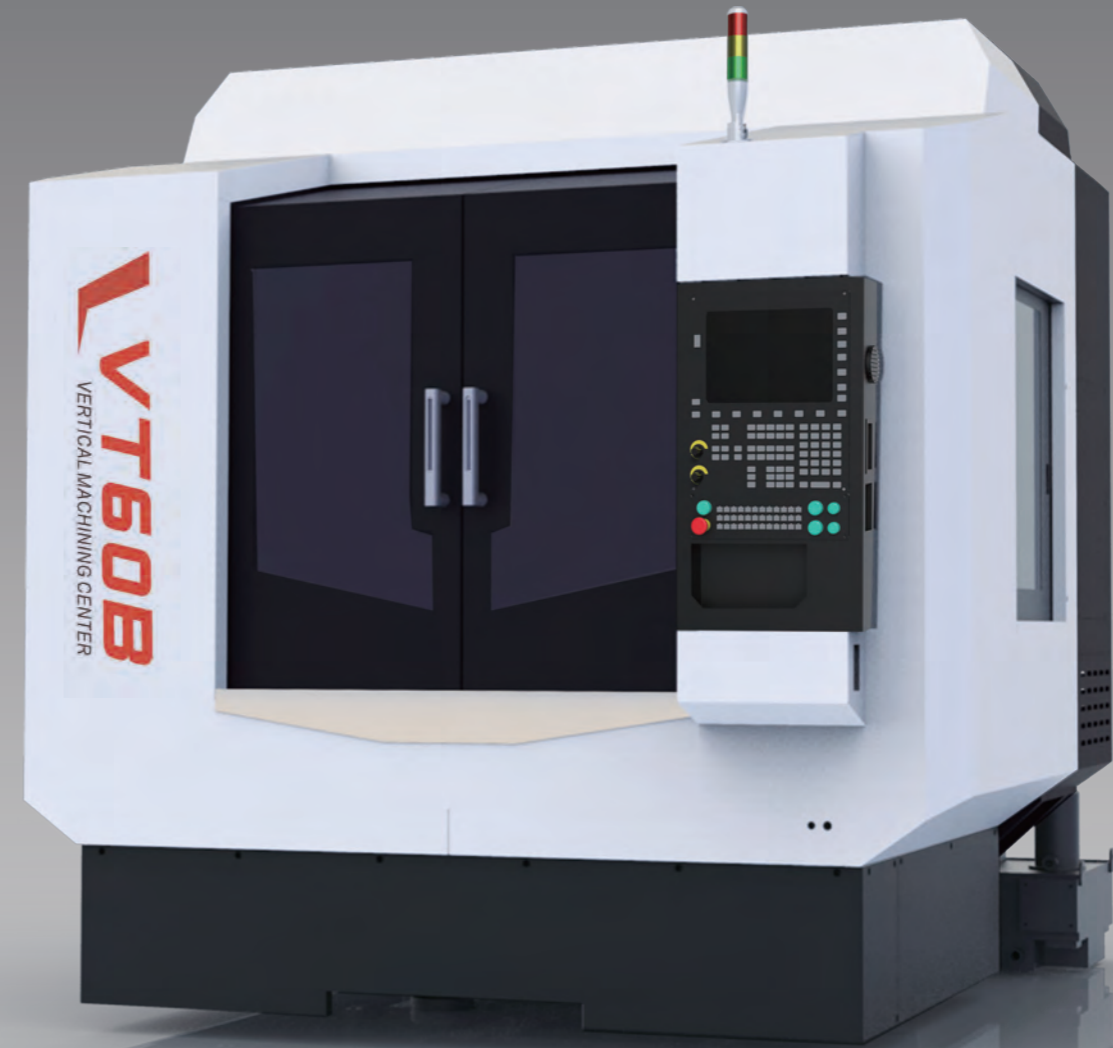


VT

High-Speed Gantry Tapping Machining Center



HIPREED
 German R&D Center
 Add: Stahlwerkstraße 32-D-57555 Mundersbach
 Tel: +49-(0)2745/93383-0
 Web: www.hipreed.de

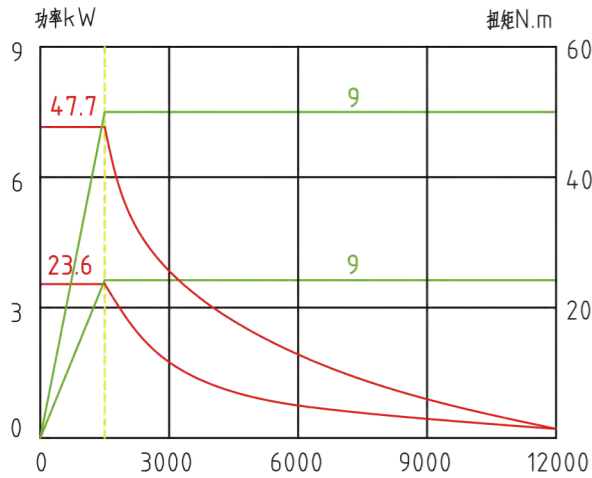


China Sales Center
 Add: Yong'an Road, Industry Park, Yanzhou District, Jining City, Shandong Province
 E-mail: sale@deedmt.com/itd@deedmt.com
 Web: www.deedmt.com
 Domestic Sales Tel: 0537-3775666
 Overseas Sales Tel: +86 537 345 1030
 After-sale Service: 400-113-6699

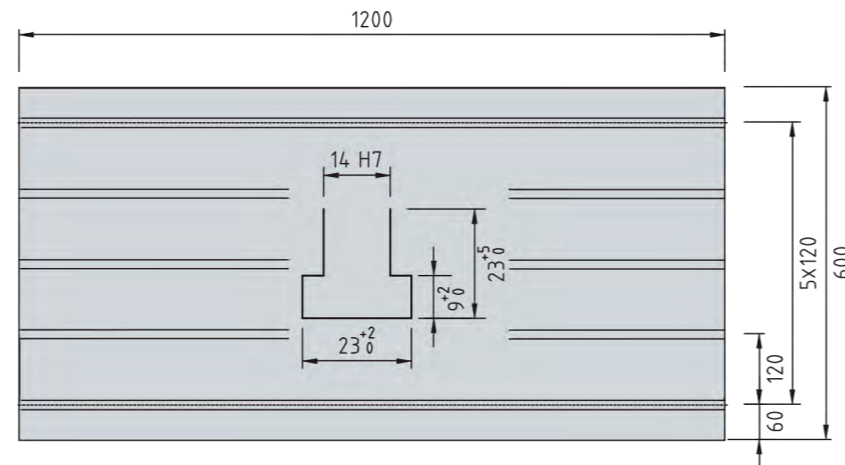


Statements, figures and technical parameters in the manual instruction are subject to change without notice in advance.

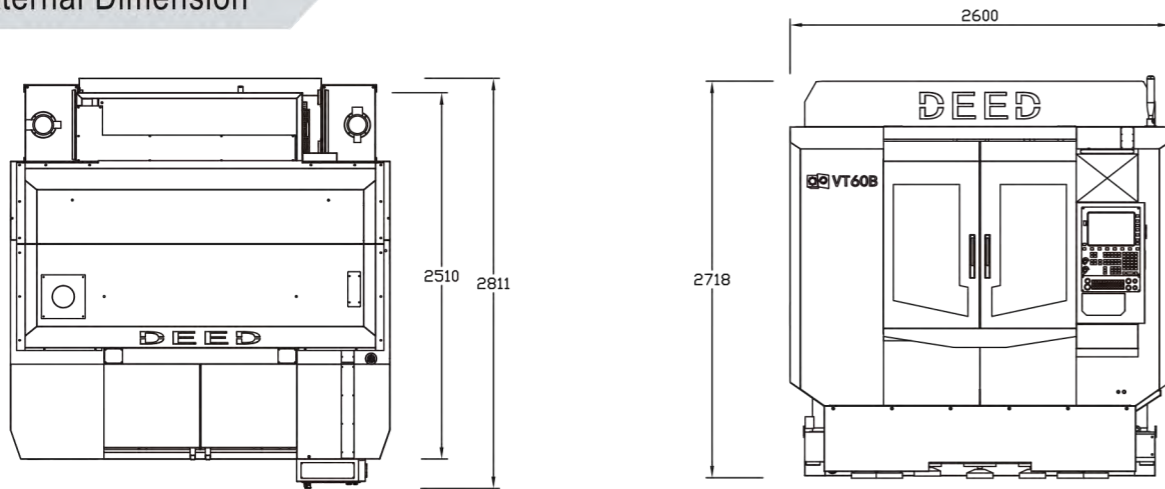
Power/Torque



Workpiece Size



External Dimension



Machine Feature

- The worktable moves along the machine bed in longitudinal Y-axis direction, it can effectively avoid overshoot response when the cross slide table structure base get too small payload weight and delayed response when the table base get too large payload weight.
- The slide carriage moves along the cross beam in horizontal X-axis direction, and the headstock moves on the slide carriage up and down along Z-axis, it can effectively avoid overhang of moving parts while getting higher rigidity and precision.
- Applying mineral casting technology, the sealing grooves are pre-casted at the joint points of machine covers to realize zero water leakage among machine covers, and the design of water gutter on the mineral casting bed can enable the cutting fluid flow back automatically to prevent overflow.
- 3 axes adopt high precision mute C3 level ball screws with little friction loss and high positioning accuracy, the ball screws are driven by big torque servo motor via precise coupling to ensure all axes high dynamic performance.
- 3 axes are supported by high rigidity precision linear guideways, which can carry heavy load and move fast to ensure accurate positioning.

Specification

Specification			VT60B
Travel	X-axis Travel	mm	1100
	Y-axis Travel	mm	600
	Z-axis Travel	mm	350
	Spindle Nose to Worktable Surface	mm	250~600
	Spindle Center to Column		468
Worktable	Worktable Size	mm	1200*600
	Load Capacity	kg	400
	T-slot(size*amount*gap)	mm	14H7*5*120
Feedrate	X/Y/Z-axis Rapid Traverse	m/min	60/60/60
	X/Y/Z-axis Cutting Speed	m/min	20/20/20
	Accelerated speed		1g
Spindle	Driver Type		Direct
	Taper		BT30
	Speed	rpm	12000
	Power (Rated/Max)	kW	3.7/7.5
	Torque (Rated/Max)	N.m	23.6/47.7
Precision (GB)	X/Y/Z-axis Positioning(half-closed-loop)	mm	0.008 (Full I-loop)
	X/Y/Z-axis Repeatability (half-closed-loop)	mm	0.005 (Full I-loop)
ATC	Type		Turret
	Tool Capacity		21
	Max. Tool Size(full dia./ Adjacent empty tool Dia./length)	mm	φ100/φ140/250
Others	Max. Tool Weight	kg	3
	Air pressure	MPa	0.65
	Power capacity	KVA	25
	Machine Size (length*width*height)	mm	2760*2600*2720
	Machine weight	kg	6000

Standard

Fanuc 0i-MF Controller
3-axis roller ball linear guideway
3-axis roller ball screw
Spindle taper air blow
Spindle air curtain dustproof
Guideway shield
Tri-color light
Auto lubrication system
Air gun

Whole machine cover
Workpiece water cooling system
Handheld pulse generator
BT30-21T servo tool magazine
Heat exchanger for electrical cabinet
Working light
Ball screw pretension
Sizing block and adjusting bolt
Operation and maintenance manuals

Option

Auto work piece measurement device
Tool length measurement device
Rotary worktable
Oil-mist collector
Oil-water separator
BT30-16T servo tool magazine
Spindle Speed 20000RPM
Flushing device