

NANYA CNC

Precision Engineering Solutions



Advanced Milling Technology

Automated Tooling Accuracy

High Speed & Accuracy

Precision Robotics Integration

Real-time Monitoring

Reliable Performance

Global Support Network

Sustainable Manufacturing

VLT-750 SPECIFICATION

Overview

The VLT-550 is a high-performance CNC milling machine designed for precision, durability, and efficiency. It features robust construction, advanced spindle technology, and a comprehensive set of standard and optional accessories.

Specifications

Travel Range

- X - Axis Travel : +400/-30mm
- Z - Axis Travel : 700mm

Spindle

- Spindle Nose : A2-11
- Spindle Bearing Diameter : $\phi 160$ mm
- Spindle Speed : 50-2000 rpm

Capacity

- Chuck diameter : 15"
- Max. Swing : $\phi 800$ mm
- Max. Turing Diameter : $\phi 750$ mm
- Max. Turing Length : $\phi 650$ mm
- Maximum workpiece weight : 1000 kgs

Turrent

- Turret Type : Horizontal
- Number of Tool : 8
- Cutter Size : $\phi 32$,Opt. $\phi 50$

Feed Rates

- X Axis Rapid Feed Rate : 12m/min
- Z Axis Rapid Feed Rate : 20m/min

Motor

- Controller System : Fanuc 0i-TF Plus (10.4" LCD)
- Spindle Motor : 15/18.5kW
- X Axis Servo Motor : 3kW
- Z Axis Servo Motor : 3kW BS
- Coolant Pump Motor : 750W
- Hydraulic Motor : 2.2kW

Machine

- Approximate Weight : 11000KG
- Floor Space Measurement : 2250*3990*3320mm
- Pneumatic Requirement : ≥ 6.5 Kg/cm²)
- Power Capacity : 28KVA)
- Power Voltage : 3 ϕ -AC 220V $\pm 5\%$
- Room Temperature : 0~38°C
- Humanity : $\leq 85\%$

Standard Accessories

The VLT-750 comes with the following standard accessories:

- Fanuc 0i-TF Controller
- 10.4" LCD screen
- Leveling Bolts and Leveling Blocks
- Tool box & Tool
- Work lamp
- Alarm Lamp
- Auto power off
- Auto lubrication system
- Chain Type Chip Conveyor with Car
- 12" three jaw solid oil pressure chuck and rotary cylinder
- Chip flush
- Standard knife dish
- Heat exchanger for control cabinet
- Remote manual pulse generator
- 12" soft PAWS
- High and low pressure loop of collet
- Air gun
- Full splash guard
- System operation and procedures manual
- Machine manual
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Optional Accessories

- Automatic Door System
- Oil Skimmer
- Air Conditioner for Electrical Cabinet
- Hard-Jaw
- Oil Mist Collector System
- ZF Gearbox
- Coolant Intercooling System
- Safety Door Switch
- Heidenhain Optical Linear Scales
- Paper Bank Filter System
- 20" three jaw solid oil pressure chuck