

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-750 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 : φ160mm
- Spindle Speed : 50-2000 rpm

Capacity

- Chuck diameter : 15"
- Max. Swing : 800 mm
- Max. Turing Diameter : φ750 mm
- Max. Turing Length : φ650 mm
- Maximum workpiece weight : 1000 kgs

Turret

- Turret Type : Horizontal
- Number of Tool : 8
- Cutter Size : φ32 ,Opt. φ50

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 : ≥ 6.5Kg/cm²)

- Power Capacity : 28KVA)

- Power Voltage : 3φ -AC 220V ±5%

- Room Temperature : 0-38°C

- Humidity : ≤ 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

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