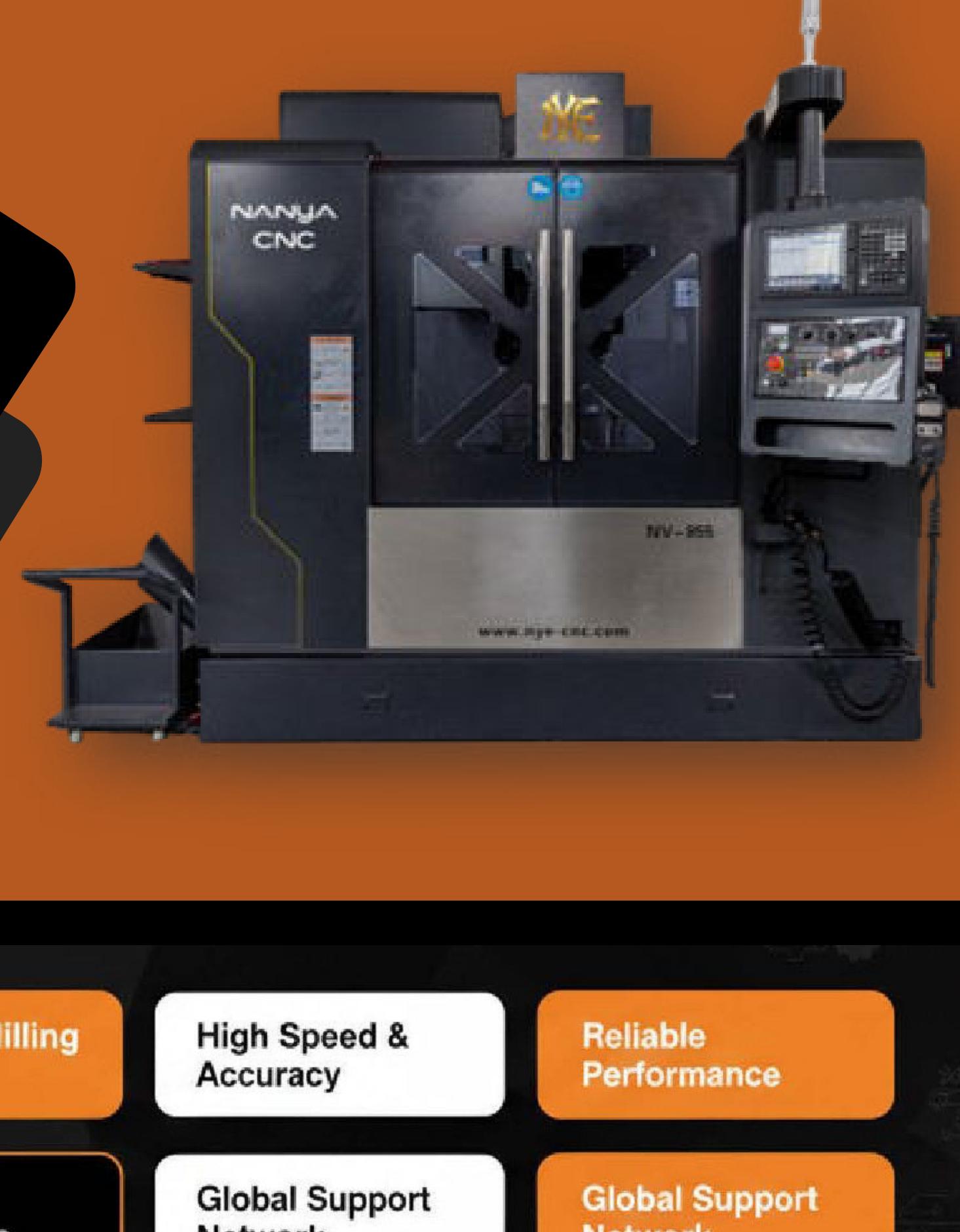


NANYA CNC

Precision Engineering Solutions



Advanced Milling Technology

Advanced Milling Accuracy

High Speed & Accuracy

Reliable Performance

Reliable Performance

Reliable Performance

Global Support Network

Global Support Network

NV-855 SPECIFICATION

Overview

The HMC-630A/630B 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 : 830mm
- Y-Axis Travel : 550mm
- Z-Axis Travel : 550mm
- Spindle Nose to table : 135-685mm
- Spindle center to Z-Rail travel : 595mm
- Three-Axis Guideway : X Y Z load Roller Linear Guideway

Table

- Table Size : 1000 x 550mm
- T-Slot (number x width x pitch) : 5 x 18 x 90mm
- Maximum table load : 800 KGS.

Spindle

- Spindle taper : (Ø140mm) BT-40
- Spindle Driven : Direct driven (DDS)
- Spindle Speed : 12,000 Rpm
- Spindle motor Torque : 96 N/m

Feed Rates

- X.Y Axis Rapid traverse : 40 / 40m/min
- Z-Axis Rapid traverse : 40m/min
- X.Y.Z Max. Cutting feed rate : 12m/min

ATC Tool Changer

- Arm-Type (Tool to tool) : 24 Tools ATC (1.8sec)
- Max.Tool diameter*adjacent (with Neighbor) : Ø80 x 300mm
- Max. Tools weight : 7 KGS

Motors

- Spindle Motor (Rate/Max.) : 7.5Kw / 11 Kw

- X.Y Axis Servo Motor : 2.0 Kw

- Z Axis Servo Motor / w Breaks : 3.0Kw BS

Machine Accuracy

- Positioning Accuracy (JIS) Std. : ± 0.008mm / 300mm

- Repeatability Accuracy (JIS) Std. : ± 0.003mm

- Power Required (kva/ Electricity Capacity) : 20 kva(7.5/11kw) 3 ♂ -AC 220V ±5% / 3 ♂ -AC 380V 60Hz ± 5%

- Air-Pressure Requirement : 6~8 kg/cm²

Physical Dimensions & Weight

- External Dimensions (L x W x H) : 2500 x 2200 x 2400mm
- Gross.Weight : 5000 KG (5 ton)
- Ground Clearance (height) : 2500mm

Standard Accessories

The NV-855 comes with the following standard accessories:

- BT-40 DIRECT DRIVEN (DDS) 12,000 Rpm
- TOOL BOX & TOOLS
- AIR- BLAST THROUGHT SPINDLE
- SCREW TYPE CHIP CONVEYOR + CART
- WORK LAMP / WORK LED LIGHT
- TOOLS LENGTH MEASURING EQUIPMENT
- THREE COLOR LIGHT
- ARM-TYPE ATC-24 TOOLS
- AUTO POWER OFF
- HIGH PRESSURE WATER & AIR-GUN
- AUTO LUBRICATION SYSTEM
- CHIP FLUSH SYSTEM & NOBS
- RIDGIT TAPPING & THREADING SYSTEM OPERATION
- FULL SPLASH GUARD
- HEAT EXCHANGER FOR CONTROLLER CABINET
- UBS INTERFACE
- SPINDLE OIL COOLANT SYSTEM
- SPINDLE CUTTING COOLANT RING

Optional Accessories

- 4TH AXIS ROTARY TABLE: Ø125 / Ø170 / Ø210 / Ø255mm

- HEAVY SPINDLE MOTOR 11KW/18.5KW

- CHAIN TYPE CHIP CONVEYOR + CART

- CE SAFTY DOORS SYSTEM

- SEMI-AUTO ROTARY TABLE APC SYSTEM

- HEAVY SPINDLE TROQUE MOTOR

- LCD SCREEN 15" INCH

- CE APPROVED CERTIFICATION