

HIGH ACCURACY VERTICAL MACHINING CENTER VMC855 BT40 8000RPM MILLING MACHINE

Our Product Introduction

Basic Information

- Place of Origin: China
- Brand Name: luyoung
- Model Number: vmc855
- Minimum Order Quantity: 1/SET
- Price: USD19400-USD20700
- Packaging Details:
 - 1.Non-fumigation packaging, we use seaworthy plywood.
 2. Steel base plate, it is stronger 3-5 times than normal plywood base plate.
 - 3.Water-proof and damp proof, water resistant film wrapped all the machine.
 - 4.Fully sheathed case,prevention of coll
- Delivery Time: 45 working days
- Payment Terms: L/C, T/T
- Supply Ability: 60 Set/Sets per Month



Product Specification

- Type: VERTICAL
- Range Of Spindle Speed(r.p.m): 50 - 8000
- Number Of Axes: 3
- Spindle Taper: BT40
- Table Travel (X) (mm): 800 Mm
- Table Travel (Y) (mm): 550 Mm
- Table Travel (Z) (mm): 550 Mm
- Positioning Accuracy (mm): 0.001
- Repeatability (X/Y/Z) (mm): 0.003
- Voltage: 220v/380v
- Dimension(L*W*H): 2700*2250*2700mm
- Weight (KG): 5000
- Warranty: 1 Year



More Images





Our Product Introduction

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Product Description

Specification

Item	VMC855
Size of worktable(length×width)mm	1000×500
T slot (mm)	5-18×100
Max loading weight on worktable	600kg
X-Axis travel(mm)	800
Y-Axis travel(mm)	550
Z-Axis travel(mm)	550
Distance between spindle nose and table	105-605mm
Distance between spindle center and column(mm)	550
Spindle taper	BT40-150
Max. spindle speed(rpm)	8000/10000/12000
Spindle motor power(Kw)	7.5/11kw
Rapid feeding speed: X,Y,Z axis m/min	16/16/16 (24/24//24 liner guidway)
Fast cutting speed m /min	10m/min
Positional accuracy	±0.005 mm
Repeat positional accuracy	±0.003 mm
Auto Tool changer type	16 tools head type tool changer(optional 24 arm type auto tool changer)
Max. tool length	300mm
Max. Tool diameter	Φ80(adjacent tool)/φ150(not adjacent tool)
Max.tool weight	8kg
Tool changing time(tool-to-tool)	7sec
Air pressure	0.6 Mpa
Machine weight	5500KG
Overall sizse(mm)	2600*2300*2300



Application Scenarios of Vertical Machining Centers

Industry	Typical Workpieces	Key Technical Requirements
Mold Manufacturing	Injection molds, stamping die bases, electrodes	Precision surface milling ($Ra \leq 0.8\mu m$), deep-cavity machining
Aerospace	Wing ribs, brackets, Al/Mg alloy structural parts	Distortion prevention for thin-walled parts, high-speed cutting ($\geq 12,000$ rpm)
Automotive Components	Transmission housings, brake calipers, motor end covers	Multi-face machining, positional tolerance $\leq 0.02mm$
Electronics	Heat sinks, chip carriers, connector housings	Micro-hole drilling ($\Phi \geq 0.3mm$), high surface finish
Medical Devices	Surgical instrument holders, implant fixtures	Biocompatible material machining (e.g. Ti alloy), micron-level accuracy
Energy Equipment	Valve bodies, turbine blades, pump housings	Sealing surface prec

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