

Desktop Vertical 5-Axis Denture Machining Center

DVD100-5AXIS



Technical Data

Controller

| | | |
|----------------|---|-----|
| CNC Controller | - | C50 |
|----------------|---|-----|

Spindle

| | | |
|------------------------------------|-----|--------|
| Diameter | mm | Φ80 |
| Max. Speed (Short-Duration) | rpm | 40,000 |
| Max. Speed (Long-Duration) | rpm | 28,000 |
| Spindle Taper | - | Φ6 |
| Ultrasonic | - | / |
| Minimum Quantity Lubrication (MQL) | - | / |
| Ultrasonic + MQL | - | / |

Tool Magazine

| | | |
|---------------------------|--------------|-------------|
| Tool Holding Capacity | No. of Tools | 16 |
| Max. Tool Diameter (Full) | mm | Φ6 |
| Max. Tool Length | mm | 45 |
| Max. Tool Weight | kg | 0.5 |
| Type | - | Add-on Type |

Miscellaneous

| | | |
|----------------------------------|-------|------------------------------|
| Power Supply Voltage | - | Three-Phase AC, 380V/50Hz |
| Power Capacity | kVA | 8.5 |
| Air Pressure | MPa | 0.5-0.7 |
| Total Air Consumption | L/min | 5 |
| Total Weight (incl. Accessories) | kg | 450 |
| Machine Size (L×W×H) | mm | 1,010×1,160×1,370 |

Travel

| | | |
|-----------------------|----|-------------|
| X/Y/Z-Axis Travel | mm | 350×110×130 |
| A/B-Axis Swivel Range | ° | 360° /±30° |

Worktable

| | | |
|---------------------|----|--------|
| Dimensions | mm | Φ100 |
| Max. Load | kg | 5 |
| Max. Workpiece Size | mm | Φ90×30 |

Feed Rate

| | | |
|------------------------|-------|----------|
| X/Y/Z-Axis Rapid Speed | m/min | 10/10/10 |
| A/B-Axis Rapid Speed | rpm | 60/40 |

Accuracy

| | | |
|---------------------------------|----|-------|
| X/Y/Z-Axis Positioning Accuracy | mm | 0.008 |
| X/Y/Z-Axis Repeatability | mm | 0.005 |
| A/B-Axis Positioning Accuracy | " | ≤60 |
| A/B-Axis Repeatability | " | ≤20 |

Standard Configurations

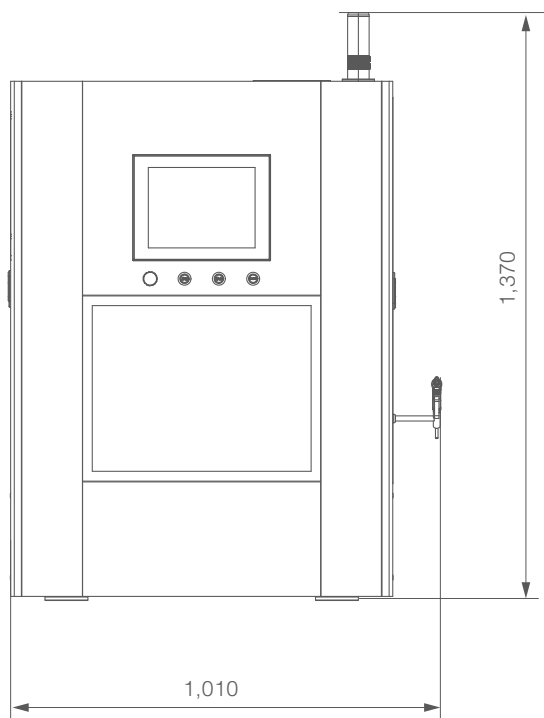
- Coolant System
- Spindle Chiller
- Automatic Door

Optional Configurations

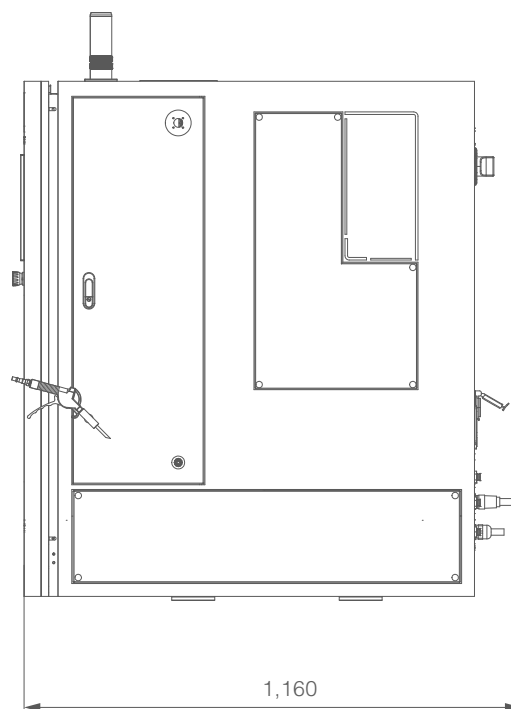
-

Floor Plans (Unit: mm)

Front View



Side View



The information given is not binding. The actual product and mutual agreement shall prevail.

Contact: Esther HU +86-138 2607 9999

E-mail: esther.hu@conprofotech.com

Address: No.6 2nd Nanyun Road, Science City, Hi-tech Development Zone, Guangzhou, 510663, P.R.C

DVD100-5AXIS 20240308 VE1.1