



Compact affordable machining centres that really perform

Absolutely the best value on the market for small CNC machines. The VM series of 3-axis CNC machining centres feature a small footprint with a large work cube. No other CNC mill packs as much productivity into such an efficiently designed package. The new VM Plus range includes a 12,000RPM spindle with cooler, 20 bar coolant through spindle, swarf auger, Max 5 twin-screen control and LCD remote jog, all as standard.

MAX 5

From print to part to profit



VMi Series Update

INCLUDES VM ONE AND VM PLUS MODELS

| | VM One | VM10i | VM10i Plus | VM10HSi | VM20i | VM20i Plus | VM20HSi | VM30i | VM30i Plus |
|-----------------------------------|--------------|---------------------|--------------|----------------------|---------------------|--------------|----------------------|---------------------|--------------|
| Table | | | | | | | | | |
| Table working surface (mm) | 762 x 406 | 762 x 406 | 762 x 406 | 762 x 406 | 1,168 x 508 | 1,168 x 508 | 1,168 x 508 | 1,321 x 508 | 1,321 x 508 |
| T-Slots (mm) | 3 x 18 x 100 | 3 x 18 x 100 | 3 x 18 x 100 | 3 x 18 x 100 | 5 x 18 x 100 | 5 x 18 x 100 | 5 x 18 x 100 | 5 x 18 x 100 | 5 x 18 x 100 |
| Max.load (Kg) | 1500 | 1,500 | 1,500 | 1,500 | 1,800 | 1,800 | 1,800 | 1,800 | 1,800 |
| Travels | | | | | | | | | |
| X-Axis (mm) | 660 | 660 | 660 | 660 | 1,016 | 1,016 | 1,016 | 1,270 | 1,270 |
| Y-Axis (mm) | 406 | 406 | 406 | 406 | 508 | 508 | 508 | 508 | 508 |
| Z-Axis (mm) | 356 | 508 | 508 | 508 | 508 | 508 | 508 | 508 | 508 |
| Spindle Motor | | | | | | | | | |
| Spindle Power Max.(KW) | 7.5 | 11 | 11 | 8.5 | 15 | 15 | 8.5 | 15 | 15 |
| Torque (Nm) Max. @ (rpm) | 49 @ 1,450 | 72 @ 1,450 | 60.4 @ 1,740 | 5.4 @ 15,000 | 98.8 @ 1,450 | 82.3 @ 1,740 | 5.4 @ 15,000 | 98.8 @ 1,450 | 82.3 @ 1,740 |
| Spindle | | | | | | | | | |
| Spindle | BIG PLUS | BIG PLUS | BIG PLUS | I-BAG | BIG PLUS | BIG PLUS | I-BAG | BIG PLUS | BIG PLUS |
| Taper | SK40/BT40 | SK40/BT40 | SK40/BT40 | BT30 | SK40/BT40 | SK40/BT40 | BT30 | SK40/BT40 | SK40/BT40 |
| Spindle Nose to table (mm) Max | 432 | 610 | 610 | 610 | 610 | 610 | 610 | 610 | 610 |
| Spindle Speed Max. (rpm) | 8,000 | 10,000 (12,000*) | 12,000 | 20,000/ (30,000*) | 10,000 (12,000*) | 12,000 | 20,000/ (30,000*) | 10,000 (12,000*) | 12,000 |
| Toolchanger | | | | | | | | | |
| Stations | 16 | 24 | 24 | 20 | 24 | 24 | 20 | 24 | 24 |
| Max. Tool Diameter (mm) | 89(127**) | 80(120**) | 80(120**) | 60(100**) | 80(120**) | 80(120**) | 60(100**) | 80(120**) | 80(120**) |
| Max. Tool Length (mm) | 200 | 250 | 250 | 250 | 250 | 250 | 250 | 250 | 250 |
| Max. Tool Weight (Kg) | 7 | 7 | 7 | 3 | 7 | 7 | 3 | 7 | 7 |
| Further Details | | | | | | | | | |
| Rapid travel (m/min) X/Y/Z - Axis | 28/28/28 | 28/28/28 | 28/28/28 | 28/28/28 | 28/28/28 | 28/28/28 | 28/28/28 | 28/28/28 | 28/28/28 |
| Machine weight (Kg) | 2,900 | 3070 | 3070 | 3,100 | 4,100 | 4,100 | 4,100 | 4,245 | 4,245 |

*Option, **Adjacent pockets empty

MACHINING CENTRES



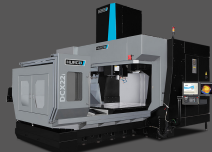
TURNING CENTRES



5 AXIS



DOUBLE COLUMN



SUPERIOR CONTROLS



Further information and technical data available at www.thmachinetools.co.za.

Machines shown with options.

Prices and information may change without notice.

HURCO®

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