



***Dishaa***<sup>®</sup>

# VERTICAL MACHINE CENTER

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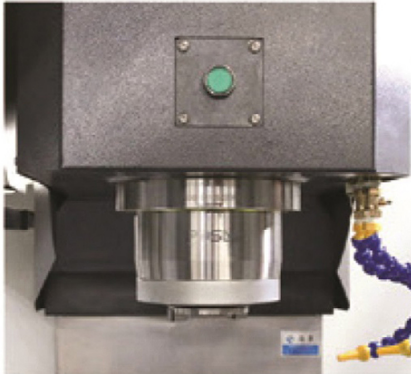
Vertical Machining Center/ CNC Milling Machine

DVMC550 / DVMC640

DVMC650 / DVMC840



Optional configuration



• 10000rpm spindle



• The 4th Axis



• 24 Arm



• SIEMENS,MITSUBISHI,FANUC,SYNTEC

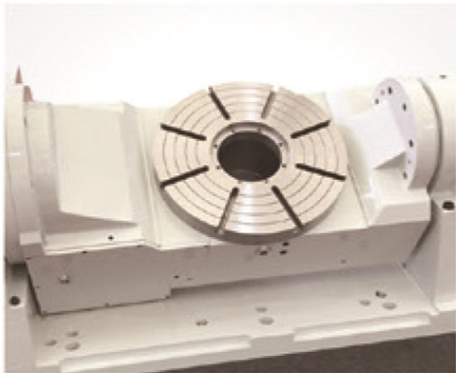
| SPECIFICATIONS                                  | Units  | DVMC550                       | DVMC640        | DVMC650        | DVMC840        |
|-------------------------------------------------|--------|-------------------------------|----------------|----------------|----------------|
| Table size                                      | mm     | 700*350                       | 800*300        | 800*400        | 1000*400       |
| X axis travel                                   | mm     | 550                           | 600            | 650            | 800            |
| Y axis travel                                   | mm     | 350                           | 360            | 400            | 400            |
| Z axis travel                                   | mm     | 500                           | 450            | 500            | 500            |
| Max. worktable load                             | kg     | 300                           | 300            | 400            | 450            |
| T slot(number-width*pitch)                      | -      | 3-18*105                      | 3-16*80        | 3-18*125       | 3-18*130       |
| Max. spindle speed                              | rpm    | 8000(Optional:10000 )         |                |                |                |
| Spindle taper                                   | mm     | BT40                          | BT40           | BT40           | BT40           |
| Main motor power                                | kw     | 5.5                           | 5.5            | 5.5            | 5.5            |
| X/Y/Z rapid traverse speed                      | m/min  | 24/24/20 (Optional:48/48/36 ) |                |                |                |
| Cutting feed speed                              | mm/min | 1-10000                       | 1-10000        | 1-10000        | 1-10000        |
| Guide rail type                                 | -      | Linear rail                   | Linear rail    | Linear rail    | Linear rail    |
| Distance from spindle axis to column surface    | mm     | 400                           | 410            | 469            | 520            |
| Distance between spindle nose and table surface | mm     | 100-600                       | 100-550        | 100-600        | 130-630        |
| Positioning accuracy                            | mm     | ±0.0075                       | ±0.0075        | ±0.0075        | ±0.0075        |
| Repeat positioning accuracy                     | mm     | ±0.005                        | ±0.005         | ±0.005         | ±0.005         |
| Tool magazine                                   | -      | Armless 16(Optional: Arm24)   |                |                |                |
| Max. tool diameter                              | mm     | φ90                           | φ90            | φ90            | φ90            |
| Max.tool weight                                 | kg     | 8                             | 8              | 8              | 8              |
| Machine weight                                  | kg     | 3200                          | 3000           | 4000           | 4200           |
| Overall dimension                               | mm     | 2100*1950*2300                | 1900*1700*2100 | 2400*2000*2550 | 2500*2050*2550 |

Vertical Machining Center/ CNC Milling Machine

DVMC1060 / DVMC1160  
DVMC1270 / DVMC1370



Optional configuration



• The 5th Axis



• Oil coolant



• Oil-Water separator



• SIEMENS,MITSUBISHI,FANUC,SYNTEC

| SPECIFICATIONS                                  | Units  | DVMC1060                     | DVMC1160       | DVMC1270                      | DVMC1370       |
|-------------------------------------------------|--------|------------------------------|----------------|-------------------------------|----------------|
| Table size                                      | mm     | 1200*600                     | 1200*600       | 1300*700                      | 1400*700       |
| X axis travel                                   | mm     | 1000                         | 1100           | 1200                          | 1300           |
| Y axis travel                                   | mm     | 600                          | 600            | 700                           | 700            |
| Z axis travel                                   | mm     | 600                          | 600            | 600                           | 700            |
| Max. worktable load                             | kg     | 800                          | 1000           | 1200                          | 1400           |
| T slot(number-width*pitch)                      | -      | 5-18*120                     | 5-18*125       | 5-18*125                      | 5-22*140       |
| Max. spindle speed                              | rpm    | 8000(Optional:10000 )        |                |                               |                |
| Spindle taper                                   | mm     | BT40                         | BT40           | BT50                          | BT50           |
| Main motor power                                | kw     | 11/15                        | 11/15          | 11/15                         | 15/18.5        |
| X/Y/Z rapid traverse speed                      | m/min  | 24/24/20                     | 24/24/20       | 24/24/18                      | 24/24/18       |
| Cutting feed speed                              | mm/min | 1-8000                       | 1-8000         | 1-6000                        | 1-6000         |
| Guide rail type                                 | -      | Linear rail                  | Linear rail    | Linear rail                   | Linear rail    |
| Distance from spindle axis to column surface    | mm     | 650                          | 650            | 780                           | 780            |
| Distance between spindle nose and table surface | mm     | 130-680                      | 140-740        | 140-700                       | 160-860        |
| Positioning accuracy                            | mm     | ±0.0075                      | ±0.0075        | ±0.0075                       | ±0.0075        |
| Repeat positioning accuracy                     | mm     | ±0.005                       | ±0.005         | ±0.005                        | ±0.005         |
| Tool magazine                                   | -      | Arm 24                       | Arm 24         | Arm 24                        | Arm 24         |
| Max. tool diameter                              | mm     | φ78 (Adjacent)/ φ120( Apart) |                | φ112 (Adjacent)/ φ200( Apart) |                |
| Max.tool weight                                 | kg     | 8                            | 8              | 18                            | 18             |
| Machine weight                                  | kg     | 6900                         | 7000           | 9500                          | 10000          |
| Overall dimension                               | mm     | 3200*2600*2900               | 3400*2600*2900 | 3400*2900*3000                | 3870*2900*3000 |