

Dishaa[®]

CNC MILLING MACHINE

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Vertical Machining Center/ CNC Milling Machine

DVMC550 / DVMC640

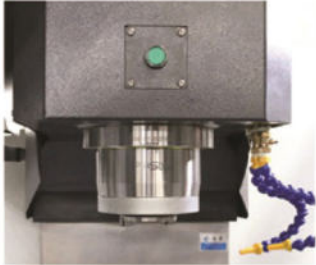
DVMC650 / DVMC840



Standard configuration

- System:KND-1000/GSK980MDi
- 16 Armless Tool Magazine
- 3 axis Linear Rail

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



Standard configuration

Name

- Spindle Unit
- Pressure cylinder
- Bearing
- Coupling
- Tool magazine

Brand

- ROYAL/POSA
- SP/AirTAC/SY
- NSK
- R+W
- OKADA

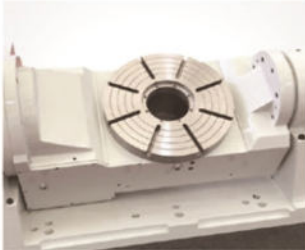
Name

- Lubricating pump
- Ball screw
- Linear rail
- Rail protection
- Electrical parts

Brand

- HERG
- HIWIN/PMI
- HIWIN/PMI
- KEYARROW
- Schneider

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