

# KAASST Teach Style Knee milling machine

## DMV CNC 250 VS • 305 VS

10x54" to 12x50"



Fagor 8055i CNC control is an available option

Mitsubishi CNC control system is standard for CNC machines



Z axis quill drive with ballscrew (CNC)

### DMV 250 VS CNC



Precision ballscrews are used on X&Y axes. (CNC)

### Standard configuration (CNC)

- ✓ Mitsubishi E70 CNC
- ✓ Variable speed spindle
- ✓ Ballscrews with double nuts on all 3 axes
- ✓ RS-232
- ✓ Automatic lubrication
- ✓ Work light
- ✓ Tool kit
- ✓ Operation manual

### Optional configuration (CNC)

- Fagor/Siemens/ Fanuc controls
- 10,000 rpm
- 4th axis
- Air drawbar

Hi/Low speed gear drive spindle for powerful cutting performance (CNC)



Specifications			DMV 250 VS	DMV 250/1 VS	DMV 305 VS	DMVH 305 VS
			10 x 54"	10 x 54"	12 x 50"	12 x 50"
Table dimensions (W/L)		mm	250x1370 (10x54")		305x1270 (12x50")	
Axis travel	X	mm	870 (34") manual, 775 (30.5") auto		900 (35") auto	
	Y	mm	390 (15.3")	410 (16")	400 (16")	
	Z	mm	390 (15.3")	450 (17.7")	450 (17.7")	
Spindle taper			R8	#40	#40	
Speeds		rpm	66-2720	40-4500	300-3500	48-1180
Tailstock quill travel		mm	390 (15")	127 (5")	140 (6")	
Spindle taper/speed			-	-	-	#40, 48-1180 rpm
Swivel range milling head		deg	±45°		±45°	
Spindle-table distance		mm	100-506 (4-20")	85-535 (3.3-21")	130-580 (5-22.8")	
Spindle-column distance			159-719 (6.25-28.3")	178-738 (7-29")	185-685 (7.3-27")	
Main drive motor		kW	2.2 (3 Hp)	3.7 (5 Hp)	3.7 (5 Hp)	5 Hp vert./5 Hp horiz.
Dimensions (L/W/H)		mm	2011x2087x1840 (79x82x72")	2375x2120x1840 (94x83x72")	2550x2150x1970 (100x85x78")	
Weight		kg	1300 (2,860 lbs)	1600 (3,520 lbs)	2500 (5,500 lbs)	
Item No.			<b>2910022</b>	<b>2910023</b>	<b>2910018</b>	<b>2910024</b>
Item No. (CNC)			<b>2910084</b>	<b>2910085</b>	<b>2910086</b>	<b>2910087</b>

\*The above specifications are subject to change without prior notice. No liability for printing mistakes. Machine may be shown with optional equipment.

Cutting

Turning

Milling  
CNC • Manual

Drilling/Boring

Grinding

Sawing

Fabricating