

MAM72 Series SPEC LIST

	5-Axis Vertical Machining Center MAM72-35V	5-Axis Vertical Machining Center MAM72-42V PC32	5-Axis Vertical Machining Center MAM72-52V PC15	5-Axis Vertical Machining Center MAM72-70V	5-Axis Vertical Machining Center MAM72-100H
Max. Work Size : mm (in.)	 <p>with restrictions</p> <p>Φ 350 × H315 (Φ 13.77 × H12.40)</p>	 <p>with restrictions</p> <p>Φ 420 × H315 (Φ 16.53 × H12.40)</p>	 <p>with restrictions</p> <p>Φ 520 × H400 (Φ 20.47 × H15.74)</p>	 <p>with restrictions</p> <p>Φ 700 × H500 (Φ 27.56 × H19.69)</p>	 <p>with restrictions</p> <p>Φ 1,020 × H770 (Φ 40.15 × H30.31)</p>
Loading Capacity : kg (lb.)	60 (132)	80 (176)	300 (660)	500 (1,100)	780 (1,719)
Travel (X/Y/Z) : mm (in.)	550/440/580 (21.65/17.32/22.83)	550/440/580 (21.65/17.32/22.83)	1010/540/610 (39.76/21.25/24.01)	1,200/720/710 (47.24/28.34/27.95)	1,050/920/960 (41.33/36.22/37.79)
Travel (B,A/C) : deg	-125~+65/360	-125~+65/360	-125~+30/360	-125~+30/360	-120~+30/360
Working Surface : mm (in.)	Φ 130 (Φ 5.12)	Φ 130 (Φ 5.12)	Φ 400 (Φ 15.74)	500 × 500 (19.69 × 19.69)	630 × 630 (24.80 × 24.80)
Spindle Speed : min ⁻¹	12,000 : BT40 Standard 15,000 : BT40 Option 20,000 : BT40 Option ※HSK-A63 Option	12,000 : BT40 Standard 15,000 : BT40 Option 20,000 : BT40 Option ※HSK-A63 Option	15,000 : BT40 Standard 12,000 : BT40 Option 20,000 : BT40 Option ※HSK-A63 Option	15,000 : BT40 Standard 15,000 Torque up : BT40 Option 20,000 : BT40 Option ※HSK-A63 Option	12,000 : BT50 Standard 10,000 : BT50 Option 15,000 : BT50 Option ※HSK-A100 Option
Rapid Traverse (X/Y/Z) : m/min (ipm)	60/60/60 (2,362.2/2,362.2/2,362.2)	60/60/60 (2,362.2/2,362.2/2,362.2)	60/60/60 (2,362.2/2,362.2/2,362.2)	60/60/60 (2,362.2/2,362.2/2,362.2)	60/60/50 (2,362.2/2,362.2/1,968.5)
Rapid Traverse(B,A/C) : min ⁻¹	50/100	50/100	50/100	50/100	50/75
Number of Tools	60 : BT40 Standard 130/170/210/250/290/330 : BT40 Option 370/410/450/490/530 : BT40 Option	130 : BT40 Standard 170/210/250/290/330 : BT40 Option 370/410/450/490/530 : BT40 Option	130 : BT40 Standard 170/210/250/290/330 : BT40 Option 370/410/450/490/530 : BT40 Option	90 : BT40 Standard 130/170/210/250/290/330 : BT40 Option 370/410/450/490/530 : BT40 Option	60 : BT50 Standard 120 : BT50 Option 114/144/174/209 : BT50 Option 120/150/180/210/245 : BT50 Option
Number of Pallets	2 Standard 32 : Tower Pallet System Option 40 : Tower Pallet System Option	32 : Tower Pallet System Standard	15 : Tower Pallet System Standard 1 Option	2 Standard 6 : Tower Pallet System Option 18 : Tower Pallet System Option	2 Standard 6 : Floor Pallet System Option
Operating System	MIOS 4	MIOS 4	MIOS 3	MIOS 3	MIOS 3
NC System	Matsaura G-Tech 31I	Matsaura G-Tech 31I	Matsaura G-Tech 31I	Matsaura G-Tech 31I	Matsaura G-Tech 31I