HUBEI TIEZHENG GROUP

MC Series
High-Speed Gantry Machining Centers

Model comparison: MC600 / MC800 / MC900

Parameter	MC600	MC800	MC900	Unit
Table size, X	500	800	900	mm
Table size, Y	600	600	800	mm
X-axis travel	500	800	900	mm
Y-axis travel	700	700	900	mm
Z-axis travel	350	350	450	mm
Gantry width	650	650	800	mm
Spindle nose to table distance	120-470	120-470	120-570	mm
Maximum spindle speed	18000	18000	18000	rpm
Spindle motor power	22	22	22	kW
Tool change time	2.3	2.3	2.3	s
Maximum tool length	300	300	300	mm
Maximum tool weight	8	8	8	kg
Minimum feed increment	0.001	0.001	0.001	mm
Lubricant tank capacity	4	4	4	L
Power supply capacity	32	32	32	kW
Coolant tank capacity	270	280	300	L
Air pressure	0.65	0.65	0.65	MPa
Approximate machine weight	3.8	4.3	6.8	t
Machine length	1900	2400	2600	mm
Machine width	1700	1700	2100	mm
Maximum machine height	2600	2800	2800	mm

Plan the complete setup. Axis travel is machine movement, not a guaranteed workpiece envelope. Review fixture height, tool reach, machining clearance and installation access before choosing a configuration.

Spindle interface, tool magazine and other configuration choices are confirmed with the final quotation. Send the workpiece drawing, material, operations and production requirement to Tiezheng.

Source: Tiezheng MC Series technical sheets and English product brochure, PDF page 34.
Prepared 7 October 2026. Specifications are subject to final order configuration confirmation.