HUBEI TIEZHENG GROUP

MC Series
High-Speed Gantry Machining Centers

Model comparison: MC1100 / MC1300 / MC1600 / MC2000

Parameter	MC1100	MC1300	MC1600	MC2000	Unit
Table size, X	1100	1300	1300	2000	mm
Table size, Y	850	850	1600	1600	mm
X-axis travel	1100	1300	1300	2000	mm
Y-axis travel	1100	1100	1700	1700	mm
Z-axis travel	450	450	800	800	mm
Gantry width	1020	1020	1700	1700	mm
Spindle nose to table distance	120-570	120-570	200-1000	200-1000	mm
Spindle speed (listed alternatives)	18000/15000	18000/15000	18000/15000	18000/15000	rpm
Spindle motor power (listed alternatives)	22/27	22/27	22/27	22/27	kW
Tool change time	2.3	2.3	2.3	2.3	s
Maximum tool length	300	300	300	300	mm
Maximum tool weight	8	8	8	8	kg
Minimum feed increment	0.001	0.001	0.001	0.001	mm
Lubricant tank capacity	4	4	4	4	L
Power supply capacity	40	40	45	45	kW
Coolant tank capacity	400	400	500	500	L
Air pressure	0.65	0.65	0.65	0.65	MPa
Approximate machine weight	7.5	9.2	15.2	16.8	t
Machine length	2850	3150	7500	8300	mm
Machine width	2200	2200	3400	3400	mm
Maximum machine height	2780	2780	4200	4200	mm

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

Spindle speed and motor power are listed alternatives, not a selected configuration. Confirm the spindle interface, tool magazine and final specification in the quotation.

Source: Tiezheng MC Series technical sheets and English product brochure, PDF page 34.
Prepared 8 October 2026. Specifications are subject to final order configuration confirmation.