

Giddings & Lewis Machine Tools

Horizontal Boring Mill Specifications

Plain Table Horizontal Boring Mills			Rotary Table Horizontal Boring Mills		Machining-Center Type Horizontal Boring Mill w/Pallet Shuttle	
PT 1500	PT 1800	PT 1800	RT 1250	RT 1600	MC 1250	MC 1600

Capacities

X-axis travel	3000 mm 118.1 in	3600 mm 141.7 in	4200 mm 165.4 in	2500 mm 98.4 in	2500 mm 98.4 in	2500 mm 98.4 in	2500 mm 98.4 in
Optional X-axis travel				3600 mm 141.7 in	3600 mm 141.7 in	3600 mm 141.7 in	3600 mm 141.7 in
Y-axis travel	2100 mm 82.7 in	2100 mm 82.7 in	2100 mm 82.7 in				
Optional Y-axis travel	2600/3100 mm 102.4/122 in	2600/3100/3600 mm 102.4/122/141.7 in	2600/3100/3600 mm 102.4/122/141.7 in	2600/3100 mm 102.4/122 in	2600/3100/3600 mm 102.4/122/141.7 in	2600/3100 mm 102.4/122 in	2600/3100/3600 mm 102.4/122/141.7 in
W-axis travel	1500 mm 59.1 in	1500 mm 59.1 in	1500 mm 59.1 in				
Optional W-axis travel	2000/2500/3500 mm 78.7/98.4/137.8 in	2000/2500/3500 mm 78.7/98.4/137.8 in	2000/2500/3500 mm 78.7/98.4/137.8 in	2000/2500/3500 mm 78.7/98.4/137.8 in	2000/2500/3500 mm 78.7/98.4/137.8 in	2000/2500/3500 mm 78.7/98.4/137.8 in	2000/2500/3500 mm 78.7/98.4/137.8 in
Feeds/Rapid Traverse	25 m/min 984 ipm						

Table

Table size	1500 x 3000 mm 59.1 x 118.1 in	1800 x 3600 mm 70.9 x 141.7 in	1800 x 3600 mm 70.9 x 165.4 in	1250 x 1600 mm 49.1 x 63 in	1600 x 2000 mm 63 x 78.7 in	1250 x 1250 mm 49.1 x 49.1 in	1600 x 1600 mm 63 x 63 in
Optional Tables				1600 x 1800 mm 63 x 70.9 in	1600 x 2500 mm 63 x 98.4 in	1250 x 1600 mm 49.1 x 63 in or 1250 x 1800 mm 49.1 x 70.9 in	1600 x 2000 mm 63 x 78.7 in or 1600 x 2500 mm 63 x 98.4 in
Allowable load	25,000 kg 55,100 lb.	40,000 kg 88,200 lb.	40,000 kg 88,200 lb.	15,000 kg 33,100 lb.	25,000 kg 55,100 lb.	15,000 kg 33,100 lb.	25,000 kg 55,100 lb.
Pallet load						7,000 kg 15,430 lb.	15,000 kg 33,100 lb.

Spindle - Three spindles to choose from

	Two-speed	Four-speed	Four-speed
Diameter	130 mm 5.1 in	130 mm 5.1 in	155 mm 6.1 in
Speed	4,000 rpm	4,000 rpm	4,000 rpm
Power	30/45 kW 40/60 hp	30/45 kW 40/60 hp	32/55 kW 43/74 hp
Torque	1108/1662 Nm 817/1226 ft lb.	4120/6190 Nm 3050/4566 ft lb.	5080/7500 Nm 3750/5532 ft lb.
Z-axis travel	800 mm 31.5 in	1000 mm 39.4 in	1250 mm 49.1 in