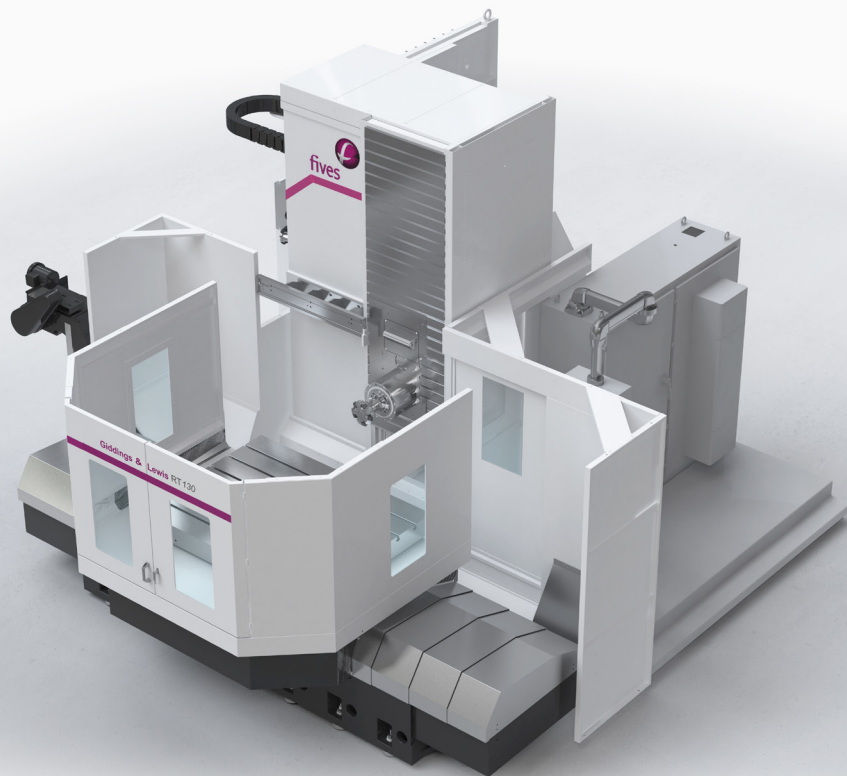


NEW Giddings & Lewis T-Bed Horizontal Boring Mill



Financing
Available



Proudly built by
Fives Giddings & Lewis
in Fond du Lac, WI

Giddings & Lewis T-Bed HBM - a Job Shop Workhorse

For maximum productivity at a minimal cost, the Giddings & Lewis T-bed horizontal boring mill is hard to beat. Fives Giddings & Lewis has a tradition of building rigid, accurate and reliable machine tools. The T-bed HBM carries on that tradition but at a price level that will appeal to every shop.

- T-Bed HBMs move the column in the Z direction, spindle in W and the table in X
- Electronically counter-balanced headstock provides superior contouring performance
- Hydrostatic table with 360 degree table clamping for added rigidity
- Zero backlash dual drive pinions with independent motors
- Cross-braced column adds torsional stiffness
- Standard integral coolant pan for chip and coolant containment; optional splash guard
- Flat floor installation reduces foundation and installation costs



fives

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Technical Data

			RT 130	RT 155
Capacities	X-axis travel	mm	2000	
		inch	78.7	
	Optional X-axis travel	mm	3000	
		inch	118.1	
	Y-axis travel (over table)	mm	1500	
		inch	59.1	
	Optional Y-axis travel	mm	2000	
		inch	78.7	
	Z-Axis travel	mm	1600	
		inch	63	
Headstock	Spindle diameter	mm	130	155
		inch	5.1	6.1
	Power S1-100% / S6-40%	kW	22 / 33	
		hp	30 / 45	
	Spindle torque S1-100% / S6-40%	Nm	1267 / 1900	
		ft lb	935 / 1402	
	Optional power S1-100% / S6-40%	kW	30 / 45	
		hp	40 / 60	
	Optional spindle torque S1-100% / S6-40%	Nm	2254 / 3380	
		ft lb	1662 / 2493	
	Spindle speed	rpm	3000	
	W-axis travel	mm	750	
		inch	29.5	
Tool taper		#50 ANSI B5.50, ISO 50		
Table	Table size	mm	1250 x 1400	
		inch	49.2 x 70.9	
	Optional table size	mm	1400 x 1800	
		inch	55.1 x 70.9	
	Allowable load	kg	10,000	
		lb	22,046	
	Number of positions		360,000	
	Smallest increment	degree	0.001	
	Index rate	rpm	2	
	Rapid traverse/feed rates	X/Y/Z rapid traverse	mm/min	10,000
ipm			394	
W rapid traverse		mm/min	8,000	
		ipm	315	
X/Y/Z feed rate (feed/min)		mm	1 - 10,000	
		inch	1 - 394	
W feed rate (feed/min)		mm	1 - 8,000	
		inch	1 - 315	
X/Y/Z/W thrust		N	25,000	
		lb	5,620	
Accuracies (ISO 230-2-97)	X/Y/Z Bidirectional accuracy A	mm	0.010	
		inch	0.0004	
	X/Y/Z Bidirectional repeatability R	mm	0.006	
		inch	0.00024	
	X/Y/Z Reversal B	mm	0.003	
		inch	0.00012	
	W Bidirectional accuracy A	mm	0.030	
		inch	0.0012	
	W Bidirectional repeatability R	mm	0.015	
		inch	0.0006	
	W Reversal B	mm	0.010	
		inch	0.0004	
	B Positioning accuracy A	arc sec	10	
	B Repeatability R	arc sec	5	
	B Reversal B	arc sec	3	
Weights and dimensions	Length x width x height	m	5.3 x 3.1 x 4.9	5.5 x 3.2 x 4.9
		ft	17.4 x 10.2 x 16.1	18 x 10.5 x 16.1
	Weight	kg	31,300	
		lb	69,000	