

NEW Giddings & Lewis Vertical Turning Centers V Series



Productive Addition to Any Shop Floor

Giddings & Lewis V Series lathes offer robust construction capable of high metal removal rates and ultimate precision. Designed with industry leading functionality and reliability, No other vertical turning center includes the infinitely-adjustable cross rail and hydrostatic ram as STANDARD. V Series verticals are a productive addition to any shop floor.

- 800 and 1000 mm fixed rail models
- 1250, 1600, 2000 and 2500 mm adjustable-rail models
- Tooling system guaranteed to save money
- Highly accurate machine produces precision parts
- U.S. designed, built and supported
- Affordably priced

Watch the V Series video on YouTube, www.youtube.com/FivesMCC

For more information:
Visit our website www.fivesgroup.com
Call 920 906 2860
Email fivesmsi-sales@fivesgroup.com

Technical Data

		V 800	V 1000	V 1250	V 1600	V 2000	V 2500	
Capacities								
Table dia	mm	800	1000	1250	1600	2000	2500	
	inch	31.5	39.4	49.2	63	78.7	98.4	
Max swing	mm	1050	1250	1650	2000	2400	2900	
	inch	41.3	49.2	65.0	78.7	94.5	114.2	
Max/min under ram, std	mm	900 fixed	900 fixed	1200 / 800	1200 / 800	1600 / 800	1600 / 800	
	inch	35.4 fixed	35.4 fixed	47.2 / 31.5	47.2 / 31.5	63 / 31.5	63 / 31.5	
Max/min under ram, opt	mm			1700 / 800	1700 / 800	2100 / 800	2100 / 800	
	inch			66.9 / 31.5	66.9 / 31.5	82.7 / 31.5	82.7 / 31.5	
Ram Head								
Ram cross section	mm	230 x 230	230 x 230	230 x 230	230 x 230	230 x 230	230 x 230	
	inch	9.1 x 9.1	9.1 x 9.1	9.1 x 9.1	9.1 x 9.1	9.1 x 9.1	9.1 x 9.1	
Z-Axis vertical travel, opt	mm	900	900	900 (1400)	900 (1400)	900 (1400)	1400	
	inch	35.4	35.4	35.4 (55.1)	35.4 (55.1)	35.4 (55.1)	55.41	
X-Axis horizontal travel left / right of center	mm	-225 / +600	-325 / +700	-450 / +825	-625 / +1000	-825 / +1200	-1075 / +1450	
	inch	-8.6 / +23.6	-12.8 / +27.6	-17.7 / +32.5	-24.6 / +39.4	-32.5 / +47.2	-42.3 / +57.1	
Cross rail travel, opt	mm			400 (900)	400 (900)	800 (1300)	800 (1300)	
	in			18.0 (35.4)	18.0 (35.4)	31.5 (51.2)	31.5 (51.2)	
Feeds/Traverse								
Rapid traverse X / Z	m/min.	12 / 10	12 / 10	12 / 10	12 / 10	12 / 10	12 / 10	
	ipm	472 / 394	472 / 394	472 / 394	472 / 394	472 / 394	472 / 394	
Downward feed thrust	N	22,000	22,000	22,000	22,000	22,000	22,000	
	lb	4,946	4,946	4,946	4,946	4,946	4,946	
Table								
Table speed	rpm	600	600	400	313	250	200	
AC drive motor int. / cont., std	kW	37 / 30	37 / 30	45 / 37	45 / 37	45 / 37	45 / 37	
	hp	50 / 40	50 / 40	60 / 50	60 / 50	60 / 50	60 / 50	
AC drive motor nt. / cont., opt	kW	45 / 37	45 / 37			75 / 60	75 / 60	
	hp	60 / 50	60 / 50			100 / 80	100 / 80	
Maximum table torque int. / cont., std	Nm	7839 / 6356	7839 / 6356	14300 / 11758	18304 / 15050	22880 / 18812	28600 / 23515	
	ft lb	5782 / 4688	5782 / 4688	10548 / 8673	13501 / 11101	16876 / 13876	21095 / 17345	
Maximum table torque nt. / cont., opt	Nm	9533 / 7839	9533 / 7839					
	ft lb		7032 / 5782	7032 / 5782				
Est Load Capacity*	kg	5,000	5,000	7,000	10,000	15,000	17,500	
	lb	11,025	11,025	15,430	22,050	33,070	38,580	
Tool Magazine								
No.positions, std (opt)		12 (18)	12 (18)	12 (18)	12 (18)	12 (18)	12 (18)	
Max diameter	mm	350	350	350	350	350	350	
	in	13.8	13.8	13.8	13.8	13.8	13.8	
Max length	mm	500	500	500	500	500	500	
	in	19.7	19.7	19.7	19.7	19.7	19.7	
Taper		Capto or KM Turning, ANSI B5.50 Milling					C	
Power Requirements		480 V, 3 ph, 60 hz (50 hz)						

*Table load capacity varies depending on workholding and workpiece balance conditions



Contact Us:

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