

Item	Vturn-P16	Vturn-16	Vturn-P20	Vturn-20E	Vturn-20	VT-26HD 60/110	VT-36 85/125	Vturn-40 220/300	Vturn-45 220/300	VT-46
Extend model (Bed Length)										
Available options					Big Bore	Big Bore	Big Bore, Live turret			Live turret
Swing Over bed	20.47	17.716	20.47	17.716	17.716	20.47	25.59	30.71	30.71	32.28
Max Turning Dia.	7.48	9.055	7.48	9.055	9.055	14.96	21.66	24.41	24.41	28.74
Swing Over Carriage	10.43	11.811	10.433	11.811	11.811	13.78	19.69	24.41	24.41	20.47
Max.Travel + X dir	0.787	0.787	0.787	0.787	0.787	1.97	1.18	1.18	1.18	0.98
- X dir	3.543	4.527	5.118	4.527	4.527	7.48	10.83	12.2	12.2	14.37
Max. Travel (Z-axis)	14.56	23.622	14.56	23.622	23.622	24/42.91	33.66/49	86/118	86/118	64.96
Center Distance	17.32	25	16.73	25	25	25/44.49	35/50.79	85/115	85/115	68.9
Rapid -X axis (ipm)	1181	472	1181	472	787	787	472	787	787	472
Z axis (ipm)	1181	590	1181	590	944	944	590	787	787	590
Ball Screw Dia. X	1.260	1.102	1.260	1.102	1.102	1.181	1.417	1.5	1.5	1.417
Ball Screw Dia. Z	1.575	1.575	1.575	1.575	1.575	1.575	1.968	1.968	1.968	1.968
Spindle Motor H.P	10 / 15 hp	10 / 12 hp	15 / 20 hp	10 / 12 hp	11 / 12 hp	20 / 25	30 / 35	40 / 50	40 / 50	40 / 50
Hyd. Power Chuck	6	6	8	8	8	10	12	15	15	15
Spindle Speed	6000	6000	4200	4200	4200	3500	2500	2500	2500	6-1500
Spindle Nose	A2-5	A2-5	A2-6	A2-6	A2-6	A2-8	A2-8	A2-11	A2-11	A2-11
Hole Thru Spindle	2.04	2.05	2.44	2.44	2.44	3.43	4.13	4.12	4.12	4.84
Hole Thru Chuck Tube	1.65	1.57	2.047	2.05	2.05	2.95	3.54	3.58	3.58	4.33
Spindle Bearing Dia.	3.543	3.543	3.937	3.937	3.937	5.12	6.3	6.3	6.3	7.09
Spindle Taper	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20	1/20
Spindle Torque ft/lbs.	64	126	105	220	180	228	657	1235	1235	3878
X-Z Way's	Linear	BOX	Linear	BOX	BOX	BOX	BOX	BOX	BOX	BOX
Turret Tool Stations	12	12	10	10	10	10 (12)	10	10	10	10
Turret Clamp Force lbs	9,434	5,135	9,434	5,135	5,135	6,351	10,474	10,474	10,474	22,215
O.D. Tool Size	0.75	0.75	1	0.75	0.75	1	1.25	1.25	1.25	1.25
I.D. Tool Size	1.25	1.5	1.5	1.5	1.5	2	2	2	2	2.25
Turret Index Time	.3 Sec.	.7 Sec.	.3 Sec.	1 Sec.	.7 Sec.	1 Sec.	1 Sec.	1 Sec.	1 Sec.	1 Sec.
X Feed motor H.P.	2.14	2.15	2.14	2.5	2.15	4	4	5.36	5.36	4
X - Axis Thrust Lbs.	3670	5403	3670		5403	7404	5174	5174	5174	7291
Z Feed motor H.P.	4	4	4	3.5	4	5.36	5.36	9.38	9.38	5.36
Z - Axis Thrust Lbs.	4422	4468	4422		4468	4459	6957	6957	6957	6887
Tail Stock Quill Dia.	2.95	2.952	2.952	2.952	2.952	4.33	4.33	5.91	5.91	5.91
Tail Stock Quill Stroke	3.15	3.15	3.15	3.15	3.15	3.94	3.94	5.91	5.91	5.91
Tail Stock Quill Taper	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-4	MT-5	MT-5	MT-5
Coolant Capacity (Gal)	79	23	79	23	23	26	34/39	119/160	119/160	66
Machine Size L	95	100	95	129	129	148.5	185/205	263/360	263/360	244.5
W	65	60	65	57	60	76.38	87	87	88	118
Weight lbs	8,800	7,275	8,800	8,800	8,800	9,250 / 13,215	18,740 / 20,062	30,800 / 42,000	30,800 / 42,000	29,762