MTX-V SERIES RACER www.racerinternational.com

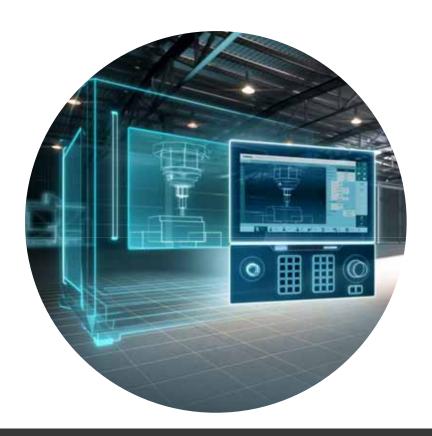


The MTX-V series provides the user with the flexibility for six (6) sided complete machining. This technology allows the user to produce parts at a lower cost while achieving higher precision due to complete machining in one set-up.



Developed using the RACER patented 'Phantom Machine Technology', the MTX series, these machines are thermally stable, offering precision results over the long haul

Siemens SINUMERIK ONE Control



It enables a consistent "digital-first" strategy. This means, that key manufacturing processes (e.g. programming, job preparation or process optimization) are always simulated, first using digital twins. In other words, on detailed virtual images of the controls and machining.

The result is faster communication with customers about deadlines, more accurate planning and job preparation, and increased productivity, even with falling batch sizes and an increasing range of variants.



A comprehensive service

TRAINING, INSTALLATION, APPLICATIONS, SERVICE AND SUPPORT

RACER provides the highest of level of training, service, and support in the industry. **Training** includes three days of programming/applications training at a local university. Additionally, the customers maintenance personnel are invited for the last week of assembly and run off at our plant. **After installation** at the customers facility, **RACER service** personnel and engineers, work with three groups of customer personnel, namely, maintenance, operators and high level engineers to ensure understanding of the equipment to make in house support as effective as possible. **Technical support** is available at 519-498-6118 . Both our local dealer and our internal field service group are available to assist when required.

Specifications

Technical Data		MTX-1250V	MTX-1600V	MTX-2000V
WORKING AREA		11177 22007	1-1174 2000 1	1717X 2000 V
X- Axis	inches	40	48	60
Y- Axis	inches	40	48	60
Z-Axis	inches	48	60	60
ROTARY TABLE	menes			,
Speed	rpm	600	475	250
Table Size	inches	40	48	60
Max. Table Load	lbs.	4000	6000	8000
Turning Diameter	inches	40	48	48
Power	Нр	60	80	100
Torque	ft-lbs.	4720	6800	8200
Min. Increment	degree	0.001	0.001	0.001
SPINDLE	408,00	0.001	0.001	0.001
Swivel Range	degrees	+/- 120	+/- 120	+/- 120
Speed	rpm	12000	11500	6500
Tool Holder		Capto - C6 / HSK 63T	Capto - C8 / HSK 100T	Capto - 8 / HSK 100T
Power	Нр	54	87	84
Torque	ft/lbs	93	184	317
TOOL CHANGER	10,105	, , ,	101	017
Holder		Capto / HSK	Capto / HSK	Capto / HSK
Tool Pockets		40/60/120	40/60/120	40/60/120
LINEAR AXIS		10,00,120	10, 00, 120	10, 00, 120
Traverse Speed (X, Y, Z)	IPM	1250	1250	1000
C- Axis	RPM	20	20	20
Accuracy	IXI IVI	20	20	
X-Axis	Inches	.0005"/4"	.0005"/4"	.0005"/4"
Z-Axis	inches	.0005"/4"	.0005"/4"	.0005"/4"
C-Axis	degree	.015	.015	.015
Repeatability	4.08.00	.0 20	.0 10	.0.20
X-Axis	inches	.0002	.0002	.0002
Z-Axis	inches	.0002	.0002	.0002
C-Axis	degree	0.007	0.007	0.007
OVERALL DIMENSION S	acgi cc	0.007	3.507	1 0.007
LxWxH	inches		220 x 170 x 218	
Weight	lbs.		52,000	
1.1.5.8116	.23.		Siemens Sinumerik ONE	
		Five Axis Contouring		
	•	Real Time 3D simulation		
	-	Multiple USB Ports		
CONTROL	ŀ	Pitch Error Compensation		
CONTROL	ŀ	10 MB Program Capacity		
	}			
	}	MPG Pendant		
		Ability to Index Multiple Tools		
1000		Synchronized Tapping		
WARRANTY		Two Years		