

MTX-V SERIES | RACER

www.racerinternational.com



Models Available:

MTX-1250V, MTX-1600V, MTX-2000V

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.

SIEMENS | **RACER**

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.

* Other charges may apply relating to installation, training, service and support.

Specifications

Technical Data			MTX-1250V	MTX-1600V	MTX-2000V
WORKING AREA					
	X- Axis	inches	40	48	60
	Y- Axis	inches	40	48	60
	Z-Axis	inches	48	60	60
ROTARY TABLE					
	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	Hp	60	80	100
	Torque	ft-lbs.	4720	6800	8200
	Min. Increment	degree	0.001	0.001	0.001
SPINDLE					
	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	Hp	54	87	84
	Torque	ft/lbs	93	184	317
TOOL CHANGER					
	Holder		Capto / HSK	Capto / HSK	Capto / HSK
	Tool Pockets		40/60/120	40/60/120	40/60/120
LINEAR AXIS					
	Traverse Speed (X, Y, Z)	IPM	1250	1250	1000
	C- Axis	RPM	20	20	20
Accuracy					
	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					
	X-Axis	inches	.0002	.0002	.0002
	Z-Axis	inches	.0002	.0002	.0002
	C-Axis	degree	0.007	0.007	0.007
OVERALL DIMENSION S					
	L x W x H	inches		220 x 170 x 218	
	Weight	lbs.		52,000	
CONTROL		Siemens Sinumerik ONE			
		Five Axis Contouring			
		Real Time 3D simulation			
		Multiple USB Ports			
		Pitch Error Compensation			
		10 MB Program Capacity			
		MPG Pendant			
		Ability to Index Multiple Tools			
WARRANTY		Synchronized Tapping			
		Two Years			