



SA'S PREMIUM
CNC
MANUFACTURER

Rhino

Steel T-Slot Machining Center
ATC | 10 Tool Bay

This unit is designed for machining long lengths of Mild Steel, Aluminium, Stainless Steel. The material can either be fastened to the T-Slot bed directly or a vices can be used as in the picture. A special high torque spindle with encoder is used to cut steel and tap threads.



The machine uses standard G-Code generated from all major cam software vendors.

Easy restart from last position if power is lost while cutting.

Efficient motion system uses minimal power. Can work with profiles up to 6000 mm without bumping up.

Material can be up to 300 mm from the T-Slot Bed and gap between Outer T-Slots is 300 mm.

[See website for details.](#)

MADE IN SOUTH AFRICA

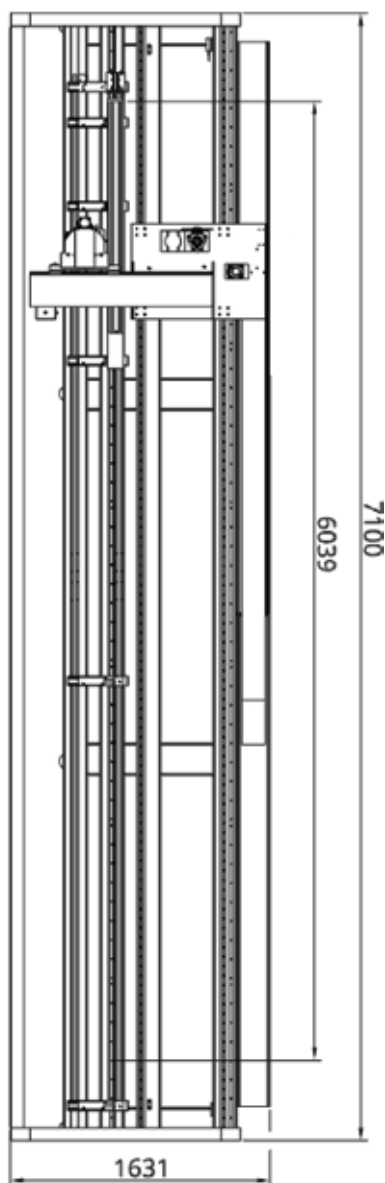
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Rhino

Clamps | ATC



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RHINO SPECIFICATIONS

Max Material Length:	6000 mm without bumping
Material Height and Width:	300 x 300 mm
Securing System:	Cast Iron T-Slot
T-Slot Size:	12mm
Spindle Power:	9.5 11.5 KW High Torque
Spindle Max RPM:	18000 24000
Spindle Type:	MTC ATC
Spindle Cooling:	Air Cooled
Tool Station:	8 Tool Magazine (covered)
Tool Probe:	Yes
Drive System:	Closed loop Servo's
Mechanical Drive X:	Helical Rack & Pinion MOD 2
Mechanical Drive Y & Z:	25mm Ball Screw
Linear Rails:	25mm Square Type
Max Feed Rate:	20 M/Min
Max Cutting Rate:	15 M/Min
Tool Cooling:	Misting Flood Cooling
Dust Foot:	No
Frame Material:	Epoxy Coated Mild Steel
Power:	380v 3PH 25 A
Compressed Air:	Used for Misting 6-8 Bar

RHINO OPTIONS

Table: Steel T-Slot for working with steel | Adjustable Vices bolted to Steel T-Slot Bed for any material | Clamping System for working with wood, aluminium, and light steel profiles.

Bed Size: 6000 x 3800 x 380 | 4000 x 380x 380 | Custom.

The Spindle: Manual Tool Changer | Auto Tool Changer | C-Axis (to rotate aggregate units) | Birotary Spindle (5 Axis)

Spindle Power: 9.5 KW | 11.5 KW).

Cutter Cooling / Lubrication: Flood | Misting.

Servo Motor Power: 750W for normal applications.

Safety: Vertical sliding safety door (Yellow & Black) | Light Curtain (does not protect against flying swarf)

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