



SA'S PREMIUM  
**CNC**  
MANUFACTURER

## **Excalibur** Steel Top General Purpose Router

Steel T-Slot | 2000 x 3000 mm  
4th Axis | Automatic Tool Changer

Unicam's tough router. Designed for Jig work, mold making and as a large format mill. This machine works with plywood, hard-wood, vesconite, HDPE, composites, aluminium and other non-ferrous metals. Different sizes & options available.



MADE IN SOUTH AFRICA

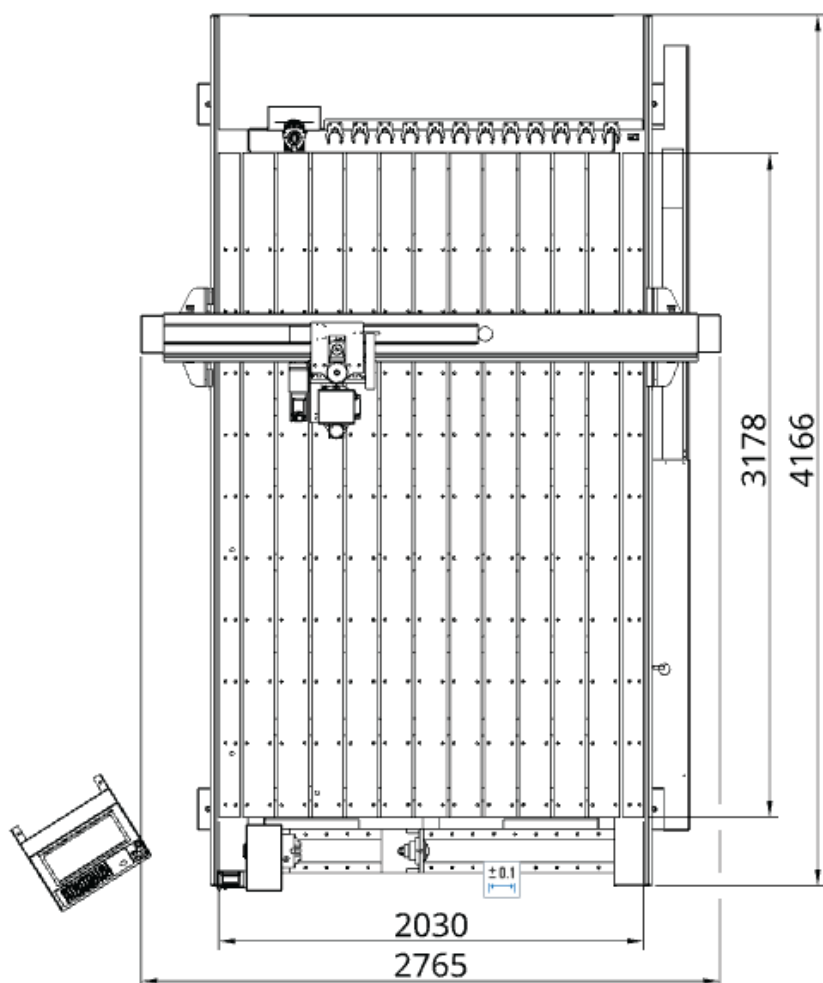


Head Office (Cape Town): +27 (0)21 555 3247

[www.unicamcnc.com](http://www.unicamcnc.com)

# Excalibur 20-30

Steel T-Slot | ATC | 4th Axis



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## SPECIFICATIONS

Max Material Size:	2000 x 3000 mm
Securing System:	Vacuum
Vacuum Generator:	Side Channel Blower
Sacrificial Board:	Optional
Table Top:	Tufnol Sheet,
Spindle Power:	7.5 KW
Spindle Max RPM:	24000
Spindle Type:	ATC
Spindle Cooling:	Air Cooled
Tool Station:	8 Tool Linear
Tool Probe:	Yes
Max Feed Rate:	20 M/Min
Max Cutting Rate:	20 M/Min
Tool Cooling:	Misting
Dust Foot:	Yes
Frame Material:	Epoxy Coated Mild Steel
Power:	380v 3PH 40 A
Compressed Air:	6-8 Bar

## OPTIONS

**Table:** Steel T-Slot, Aluminum T-Slot | Tufnol T-Slot/Vacuum | Tufnol Vacuum | Custom clamping table.

**Bed Size:** 1250 x 2500 | 1700 x 3050 | 2050 x 3050 | 2050 x 4100 | 2050 x 6100 | Custom.

**The Spindle:** Manual Tool Changer | Auto Tool Changer (5.5 KW to 11 KW).

**A-Axis:** For doing rotary work.

**C-Axis:** To allow for using a saw blade to as an attachment at any angle on the table.

**Bi-Rotary Spindle:** To allow the router to machine on 5 faces of a cube that is on the table and to allow a saw to be used to cut a bevel at any angle on the table.

**Cutter Cooling / Lubrication:** None | Misting | Flood | Through the Cutter.

**Table Vacuum:** None | Customer Supplied | Side Channel Blower | Vane Vacuum Pump.

**Dust Collection:** None | Dust Foot | Dust Foot and Double bag dust collector | Dust Foot with Swing Arm and Double bag dust collector.

**Servo Motor Power:** 750W for normal applications | 2KW for application requiring high speed G0 moves.

**Labeling:** Print and apply | permanent labeling can be done when the machine starts running a program to allow for easy identification of parts after machining.

**Board Loading:** Manually load by hand | Automatic loader for boards.

**Exit table:** to allow the completed parts to be removed from the machine while the machine cuts the next sheet.

email: [sales@unicam.co.za](mailto:sales@unicam.co.za)

Website: [www.unicamcnc.com](http://www.unicamcnc.com)

Head Office (Cape Town): +27 (0)21 555 3247



Alan Welsford  
Founder / CEO



Brian Brown  
Head of Sales



Glen St Joseph  
Director



Marcel van der Ende  
Technical Director

