



SA'S PREMIUM  
CNC  
MANUFACTURER

## Assegai Oscillating Knife

Vacuum Table | 2000 x 3000 mm

High speed cutting of materials such as leather, foams, rubber, vinyl, cloth. This machine uses a carbide blade that moves up and down to cut the material.

It can cut square corners as well as curves. The blade rotates while the knife is cutting so that the sharp edge is always leading the knife into the material. No material is removed in the process, the material is just parted.



It uses the Vacuum Table to hold non-Porous Materials in place while it cuts.

To prevent damage to the blade and the table a sacrificial felt/foam sits between the table and the material being cut. This material would under heavy production would need to be replaced every 1000 hours of cutting.

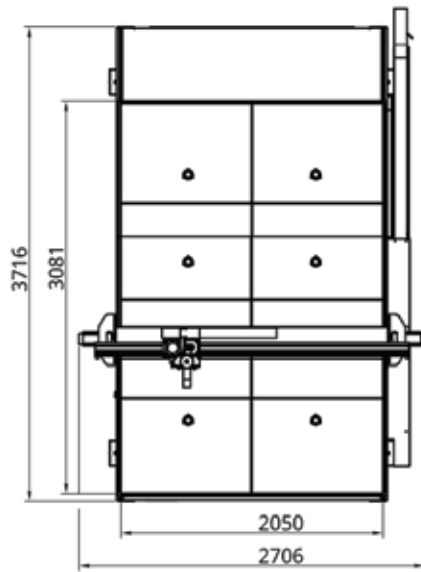
*See website for details.*

MADE IN SOUTH AFRICA

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

# Assegai

## Oscillating Knife



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### SPECIFICATIONS

Max Material Size:	2050 x 3100 mm   Custom
Securing System:	Vacuum
Vacuum Generator:	Side Channel Blower
Sacrificial Board:	Felt   Foam   Tufnol Sheet,
Table Top:	
Knife Power:	Air Cooled by Fan
Knife Oscillations:	Optional
Knife Cooling:	20 M/Min
Tool Probe:	10 M/Min
Max Feed Rate:	100 mm
Max Cutting Rate:	Not Required
Max Knife length:	Epoxy Coated
Dust Foot:	Mild Steel
Frame Material:	380v 3PH 10 A
Power:	Not Required
Compressed Air:	Masso
Controller:	Standard G-Code
Instruction:	

### OPTIONS

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

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

**Servo Motor Power:** 750W for normal applications



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

