UNICAM

SA'S PREMIUM
CNC
MANUFACTURER

Skorpio

Compact Nesting Router | Cutting Area 1250x1250 or 1250x2450 | 220v

This machine weighs in at 350 KG, it is designed to do production nested parts up to 1250x1250 or 1250x2450, and automation of custom applications. Its steel frame is ridged to reduce vibration, which is one of the key factors relating to tool breakage and poor machining surfaces.

This smaller size machine can cut Wood, Aluminum, Composites, and non- ferrous metals at up to 15 meters a minute while plugged into a 220 volt socket, and it's tough.



Skorpio comes in 2 standard cutting sizes 1250x1250 and 1250x2450 which can cut a full plywood sheet.

You can either mount the material with T-Slots or a Vacuum table depending on your requirements.

The vertical T-Slot panel on the front can be used to machine the edge or end of the material to make joints such as mortice and tenon

Control is by Masso which is the same great control that we use on our bigger machines.

The Skorpio sports geared servo drives and a choice of MTC or ATC spindles.

It can also be fitted with an 'A-Axis' which can machine cylindrical items.



MADE IN SOUTH AFRICA

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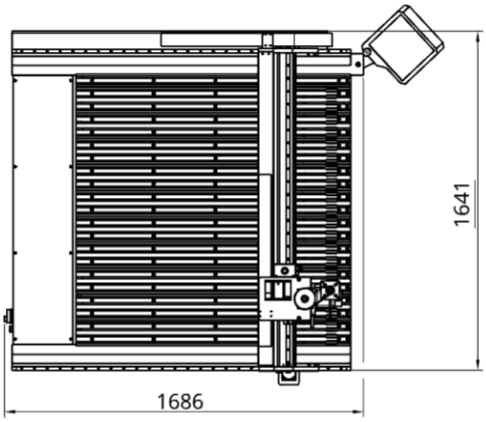
Skorpio

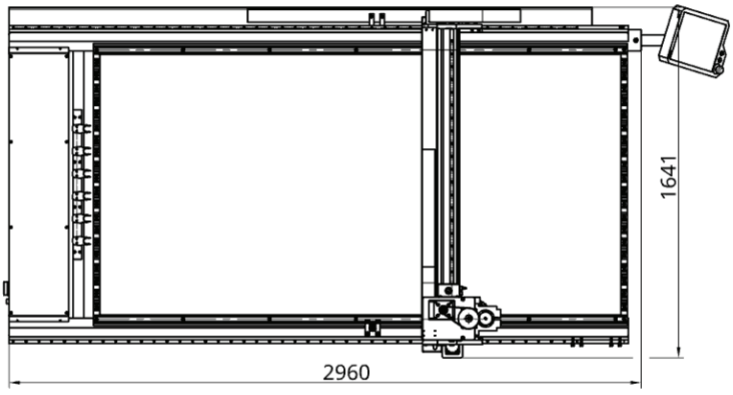


The HMI



Samples of A-Axis work





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SKORPIO

Max Material Size:	1250 x 1250 mm 1250 x 2450 mm
Max Material Hight:	175 mm
Securing System:	MDF Screw Down Tufnol Vacuum Table Aluminum T-Slot
Drive motors:	Geared Servo Drives
Spindle Power:	2.2 kW MTC 3.5 kW MTC 6.0 kW MTC 7.5 kW ATC
Spindle Max RPM:	18000 24000
Spindle Type:	MTC ATC
Spindle Cooling:	Air Cooled
Homing:	Inductive Sensors Gartry Squaring
Tool Probe:	Touch Plate Probe (40 micron)
Max Feed Rate:	20 M/Min
Max Cutting Rate:	15 M/Min
Material:	Epoxy Coated Steel / Aluminum
Power:	220v 1PH 7A 380v if using Vacuum or Spindle > 4kW
Cutter Cooling:	Optional misting system to spray coolant onto the cutter.

ACEPAK AUTOMATION · SAB · SPUR · ZIBO · MILKOR · DUT Durban University of Technology · tilt · Lupane Timbers · LAW · Schullpak · sonu · Vesconite Bearings

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