

TECHNIMONO

CNC BRIDGESAW



DESIGN FEATURES

USER INTERFACE

Easy to use interface and software.

5 AXIS CNC CONTROL

The full 5-axis CNC control provides unparalleled precision and flexibility, allowing for complex and intricate machining tasks with ease.

CAD/CAM SYSTEM

Makes it a breeze to work with templates or DXF files, and allows any 2D shapes to be programmed for cutting, including vacuum moves.

ONBOARD CAMERA

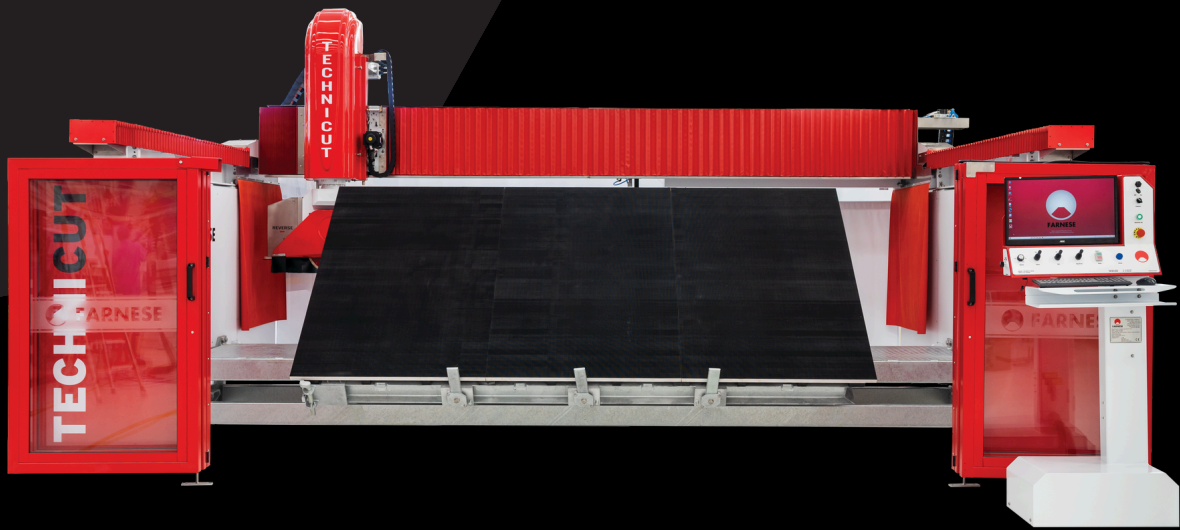
Using the onboard camera, fabricators can capture an image of the whole slab on the table.

MONOBLOCK CONSTRUCTION

The monoblock construction ensures exceptional stability and durability, making it ideal for heavy-duty applications.

MACHINERY

FEATURES



Founded in 2000 by the Farnese family, Farnese Australia are designers and manufacturers of stone cutting and polishing machinery in Australia. With an international reputation and decades of combined professional experience, and expertise, in both the stone industry and the local stone machinery manufacturing industry, Farnese are the first choice for stone fabricators. They continue to dominate this field in Australia and overseas with precision and innovation.

The TECHNIMONO CNC BRIDGESAW from Farnese Australia is a full 5 axis CNC controlled saw. Sharing the same DNA as the TECHNIMONO, but constructed on a MONOBLOCK platform, this saw will satisfy all your production requirements



FEATURES



Vacuum Manipulator

Vacuum Manipulators The vacuum manipulators really are a very important part of the sawing operation and process. Not only does it give you the opportunity to make blind cuts with the saw but it also helps moving pieces around the table and from the table to transportation frames. This reduces physical effort for the operator, resulting in fewer injuries.



Material Measuring Probe

The material measuring probe is used to measure the thickness of the material being cut, which is critical when you cut at 45 degrees for mitre cuts. When we cut at 45 degrees, we measure two points on each cut (the beginning and the end of the cut) so that we can compensate for the thickness variation as we cut with the blade.



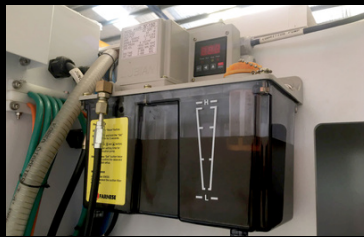
Centre Waterfed Spindle with 1/2 GAS Fitting

The 1/2" GAS fitting on the spindle allows for a drill or milling tool to be attached. The cutting head has the ability to tilt 90° and rotate up to 360°.



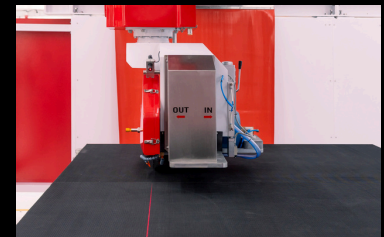
Blade Thickness Probe

This allows for a blade's diameter to be monitored prior to cutting. Your preset blade parameters are then automatically adjusted so the blade only cuts the stone and not the table, removing the need for any manual adjustment.



Automatic Lubrication System

Lubrication is taken care of via an automated system which can be programmed to deliver as necessary.



Laser Cutting Guide

The table also has the capability to tilt, enabling the easy loading and unloading of slabs.

SUMMARY OF FEATURES

- Monoblock frame
- Full 5 axis CNC controlled saw
- Easy to use interface and software
- CAD / CAM system
- Taglio Software - Advanced CAD/CAM Software solution option available
- Less waste - Accurate programming of cuts can result in less waste
- Vacuum Manipulation
- Thickness measuring probe
- Blade measuring probe
- Onboard overhead camera
- Automatic lubrication system
- Hydraulic Tilting Table - Makes loading and unloading of slabs a whole lot easier
- Laser cutting guide - Provides a visual guide for blade positioning if operating in manual mode.
- After sales service • Australian company
- Local supply of spare parts
- Remote access for troubleshooting help

TECHNICAL SPECIFICATIONS

Dimensions of Installed Machine

	Metric	Imperial
Length	6139 mm	241.7 in
Depth	4315 mm	169.9 in
Height	3300 mm	129.9 in
Weight	5300 kg	13000 lb

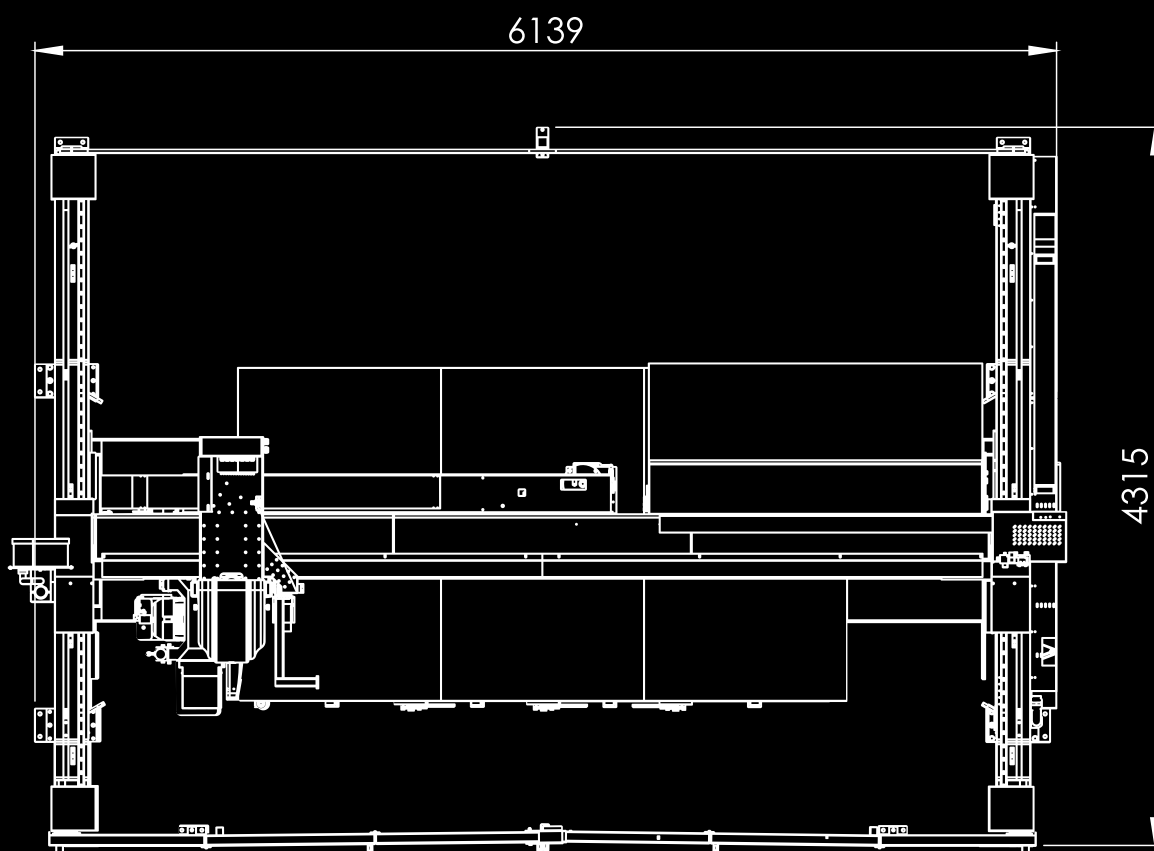
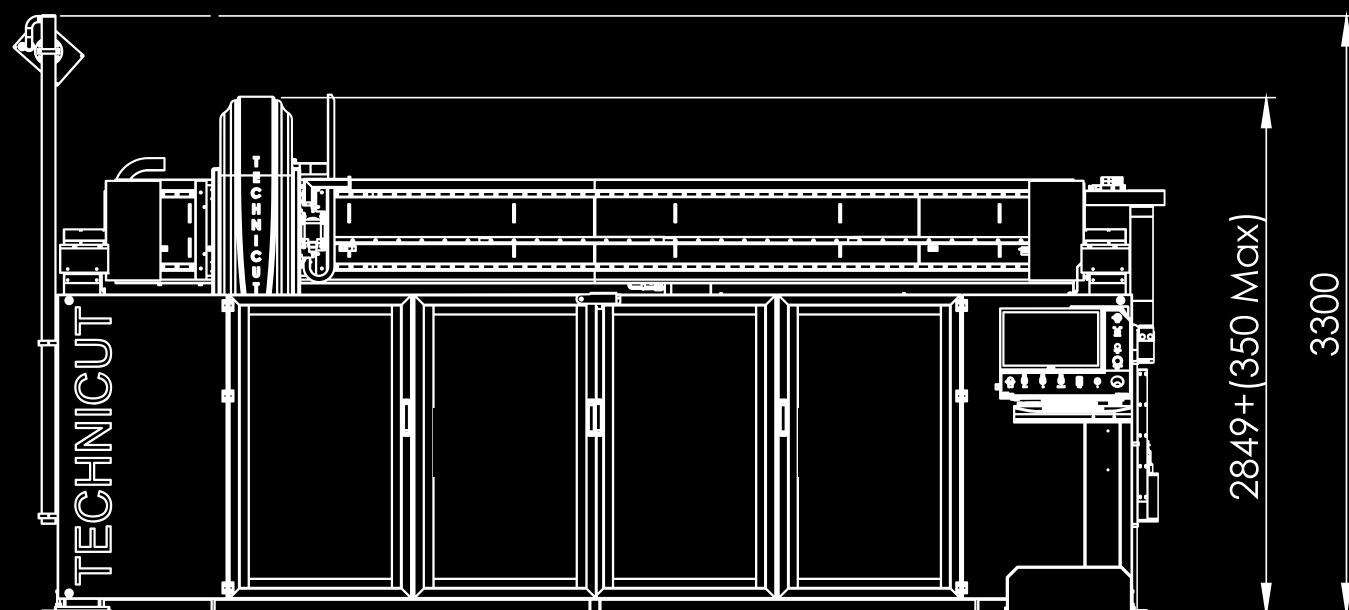
Max Size Of Slab

Length	3600 mm	141.7 in
Depth	2000 mm	78.7 in
Height	850mm	33.5 in
Rotation	NO	NO
Tilt	YES	YES

Features and Feeds

X Stroke	3800 mm	149.6 in
Y Stroke	2300 mm	90.6 in
Z Stroke	450 mm	17.7 in
Blade Diameter (Recommended)	450 mm	18 in
Blade Diameter (Max)	600 mm	24 in
Blade Shaft Diameter	60 mm	2.36 in
Blade Tilt	0 - 90°	0 - 90°
Head Rotation	0 - 360°	0 - 360°
Drilling Capability	YES	YES
Photo Camera	YES	YES
Thickness Probe	YES	YES
Vacuum Manipulators	YES	YES
Laser Cutting Guide	YES	YES
Galvanized Rails	YES	YES
Automatic Lubrication	YES	YES
Microsoft Windows and DXF CAD Compatible	YES	YES
Main Spindle Power	11 kW	20 hp
Main Spindle Speed	800 - 3000 rpm	800 - 3000 rpm
Power Required	400v 3ph 50Hz	208v 3ph 60Hz
	32A+ Neutral	60A
Connections Required (Supplied by Customer)		
Power, Water, Compressed Air		

TECHNICAL DRAWING



We Know That Support Is Important To You.

Buying a new machine is a big commitment for anyone and continued support throughout the life of that machine is vital.

Being a local company, Farnese carry a vast array of parts locally to ensure that your machine always has the spares it needs. Enjoy peace of mind knowing that you'll be fully supported by Farnese and we'll always have you covered.

Farnese customers don't need to experience unnecessary machinery downtime waiting for remote assistance from other countries, as all the support and remote assistance is provided locally from our own qualified Technicians.

Our mission here at Farnese is to give you the best support in the industry. As we grow, we continue to recruit more and more qualified technicians to further strengthen our position in the Stone Industry.



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