

TECHNICUT SAWJET MONO



DESIGN FEATURES

USER INTERFACE

EASY TO USE INTERFACE AND SOFTWARE.

LIMITLESS COMBINATIONS

COMBINATION CUTTING HEAD ALLOWS LIMITLESS CUT OUTS.

FILE FORMATS

CAD/CAM SYSTEM FOR USE WITH TEMPLATES AND DXF FILES.

CAMERA

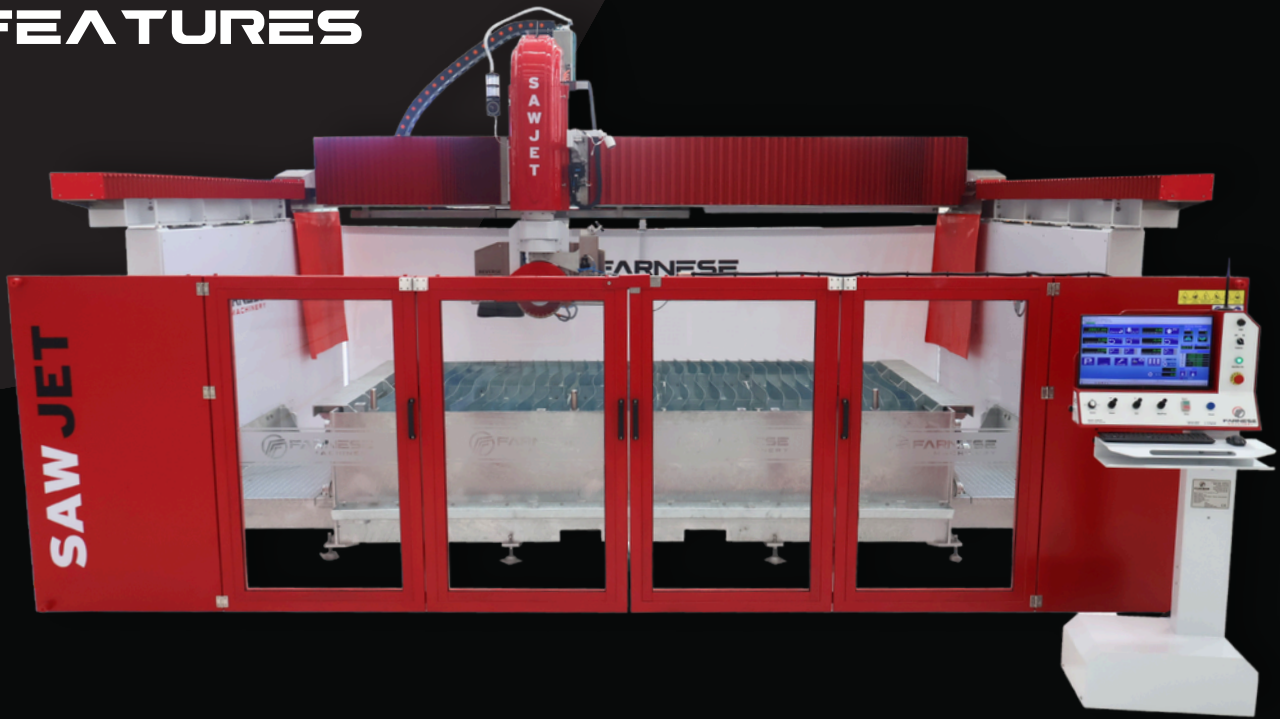
USING THE ONBOARD CAMERA, FABRICATORS CAN CAPTURE AN IMAGE OF THE WHOLE SLAB ON THE TABLE.

EASY USE

TILTING TABLE FOR EASE OF LOADING AND UNLOADING.

MACHINERY

FEATURES



The SawJet from Farnese offers rock solid construction, ensuring the reliability and longevity of the machine. It is an ideal solution for fabricators who may need both a bridge saw and a water jet, but don't have the floorspace or the capital to invest in two separate machines.

Sharing the same DNA as the TECHNICUT, but constructed on a MONOBLOCK platform, this saw will satisfy all your production requirements. Machines in the Farnese range are renowned for their easy to use software and time saving capabilities.

The CAD/CAM system supplied with the machine makes it a breeze to work with templates or DXF files, and allows any 2D shapes to be programmed for cutting, including vacuum moves. The control station also features a touch screen.

With the aid of Digital Measuring Devices, you will be able to measure a job directly on site, create the cutting drawings on your preferred CAD and send them directly to the SawJet for cutting, saving valuable time and reducing errors.

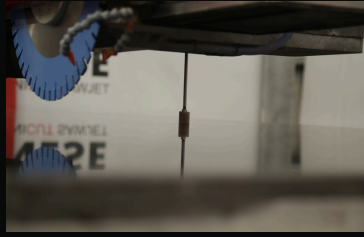


FEATURES



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.



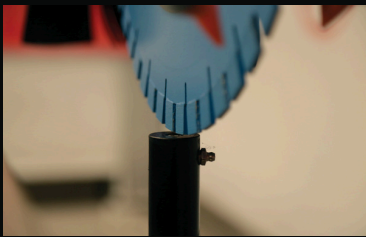
Material Measuring Probe

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.



Tilting Table

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

SUMMARY OF FEATURES

- Easy to use interface and software
- On board CAD / CAM system
- AlphaCAM compatible Software - Advanced CAD/CAM Software solution for intricate jobs
- Fully galvanised frame and tank
- Automatic lubrication system
- Full 5 axis CNC controlled saw
- Combination head - Saw Blade plus Waterjet - Allows almost limitless cut outs
- Tilting Table - Makes loading and unloading of slabs a whole lot easier
- Vacuum Manipulation
- Material thickness measuring probe
- Blade diameter measuring probe
- Onboard overhead camera
- Laser cutting guide - Cuts can still be made in manual mode, using the laser as a visual for accurate blade positioning when operating in this mode.

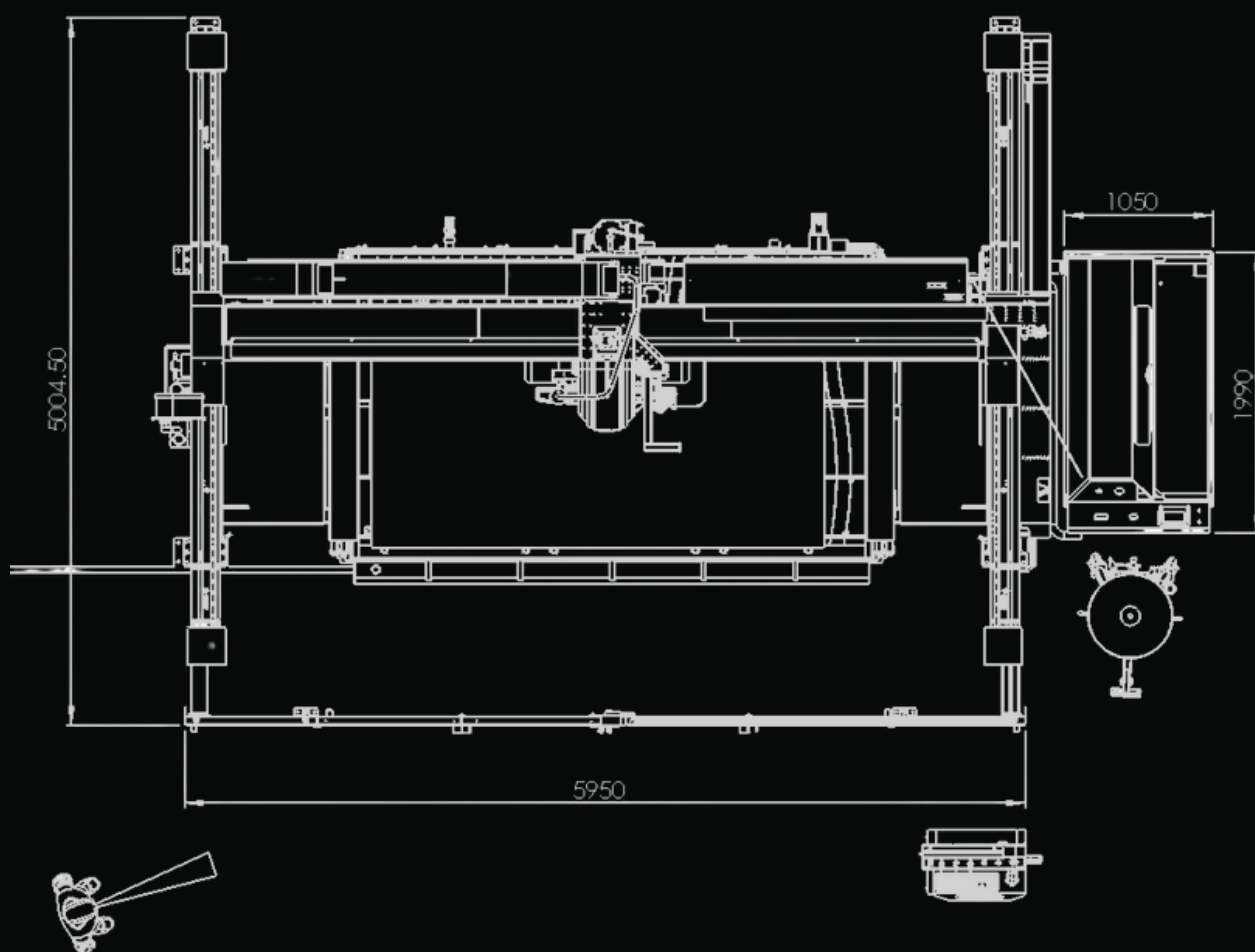
TECHNICAL SPECIFICATIONS

Technical Specifications	Metric
Length	7980 mm
Depth	5900 mm
Height	3800 mm
Weight	7500 kg
Maximum Work Size	3600 x 2000 mm
X Stroke	4000 mm
Y Stroke	3000 mm
Z Stroke	380 mm
Blade Diameter (Recommended)	450 mm
Waterjet Operating Pressure	380 MPa
Main Spindle Power	11 kW (at 1500RPM)
Main Spindle Speed	800 - 3000 rpm
Power Required	400V, 3 ph, 50 Hz
	80A + Neutral
Optional	AlphaCAM software

CONNECTIONS REQUIRED (SUPPLIED BY CUSTOMER)
POWER, WATER, COMPRESSED AIR
TOOLING I CONSULT YOUR LOCAL FARNESE DEALER FOR
ANY TOOLING REQUIRED

TECHNICUT SAWJET MONO

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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