

MITRE SAW GEN 2



DESIGN FEATURES

VERY SIMPLE TO USE

VARIABLE FEED CONTROLLER

VARIABLE SPINDLE SPEED

PNEUMATIC ROLLERS TO ASSIST WITH LOADING AND UNLOADING

EIGHT PNEUMATICALLY CONTROLLED CLAMPING FEET

OUTRIGGER TABLE TO SUPPORT LARGER PIECES

AUTOMATIC LUBRICATION SYSTEM

SPECIAL NYLON CLAMPS FOR SECURING SMALL PIECES.

Farnese Australia was founded in 2000 by the Farnese family, whose members have decades of combined professional experience and expertise in both the global stone industry and the local stone machinery manufacturing industry. We are the only designer and manufacturer of stone fabrication machinery in Australia and our machines have found homes throughout Australia, New Zealand, the United States, the United Kingdom, and Vietnam.

With over 20 years of experience in the stone industry, the team at Farnese have the experience it takes to design, install and maintain the equipment needed in your industry.



The birth of the MITRE SAW

The Mitre Saw is the machine upon which Farnese Australia built its reputation as a manufacturer of reliable, affordable machinery. Beginning with the MitreForma and gradually being improved over the years into the current MITRE SAW GEN 2, this machine has always been a consistent market leader amongst the Farnese range.

Accuracy is the key when cutting mitres

Consumers throughout the world expect a high quality finish when mitre joints form a part of their project. Here at Farnese Australia, we recognise the need of fabricators within the stone industry to satisfy this expectation by producing clean, accurate mitre cuts. The MITRE SAW GEN 2 quickly cuts accurate mitres for a wide range of materials including engineered stone, granite, marble and porcelain, ranging in thickness from 8mm to 40mm.

The more accurate the cut, the better the overall result.

The MITRE SAW's reputation for accuracy is due to the fact that the material is loaded polished face down, eliminating cutting errors that can arise due to small variations in material thickness along the length of the cut.

An accurate mitre cut is achieved each and every time due to the precise angle of the blade and the straight edge system which uses front edge stoppers to accurately position the material on the table.

No measuring. No mistakes.

Coupled with this, a series of pneumatic clamps hold the material firmly against the table so that it's always straight and always stays in place.

The MITRE SAW uses a 350mm continuous rim, special purpose blade. Together with variable feed control, this means that a range of material thicknesses and hardness can be accommodated with minimal chipping and minimal cut deflection.

The machine is also equipped with pneumatic pop up rollers for ease of loading and unloading work pieces.

The rollers and the clamps are both controlled by the simple flick of a lever.

SAFETY FEATURE:

Should an operator forget to lower the loading rollers prior to lowering the clamps, the machine will release the rollers when clamps are lowered.



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



Summary of Features -

- Very easy to use
- Variable feed controller
- Variable spindle speed (see below on the specs sheet)
- Pneumatic rollers to assist loading and unloading
- Eight pneumatically controlled clamping feet
- Outrigger table to support larger pieces (Additional tables available as optional extras)
- Automatic lubrication system
- Special nylon clamps for securing small pieces(especially for doing double sided pieces)

The MITRE SAW GEN 2 comes equipped with a 4kw spindle as standard, however an optional power upgrade is available.

FAQ

What is the maximum slab length that the MITRE SAW GEN 2 can handle?

The maximum slab length that can be cut by the MITRE SAW GEN 2 is 3600mm.

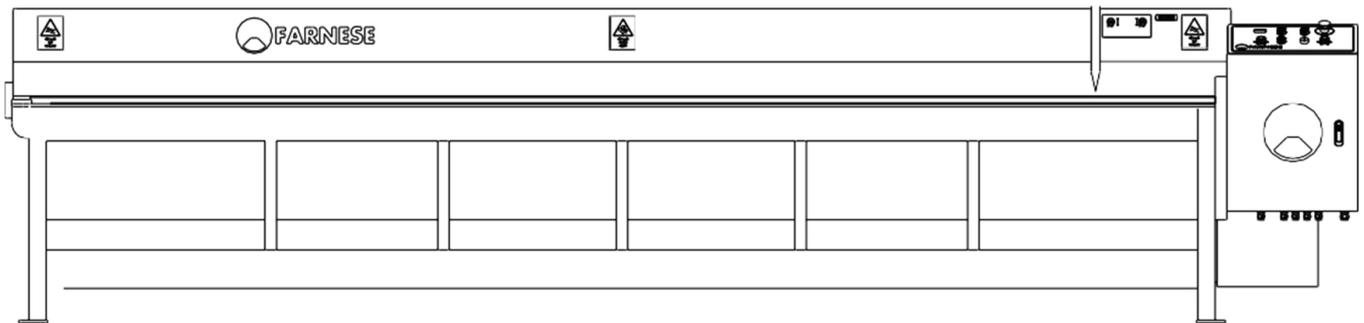
What training is offered with the machine?

The MITRE SAW GEN 2 is extremely easy to set up and use. Usually within a day, your machine will be installed and you'll have all the training you need to achieve a high quality, accurate cut. Should you require more assistance, rest assured that help will always be available from the Farnese team.

What is the warranty period on the MITRE SAW GEN 2?

A standard 1 year warranty is offered with the machine.

MITRE SAW GEN 2



TECHNICAL SPECIFICATIONS

DIMENSIONS OF INSTALLED MACHINE	METRIC	IMPERIAL
LENGTH	5050 mm	236.2 in
WIDTH	1200 mm	47.2 in
HEIGHT	1100 mm	43.3 in
WEIGHT	1100 kg	2420 lb
ROLLER TABLE DIMENSIONS		
LENGTH	1600 mm	63.0 in
WIDTH	600 mm	23.6 in
HEIGHT	800 mm	31.5 in
FEATURES & FEEDS		
TABLE LENGTH	3800 mm	149.6 in
TABLE WIDTH	600 mm	23.6 in
X TRAVEL (CUTTING STROKE)	3650 mm	143.7 in
BLADE DIAMETER	350 mm	13.8 in
BLADE ANGLE	45° +/- 1°	45° +/- 1°
BLADE IN/OUT MOVEMENT	50 mm	2.0 in
CUTTING SPEED	0 - 8m / min	0 - 315in / min
MAIN SPINDLE POWER	4 kW	5.4 hp
MAIN SPINDLE SPEED	1440 rpm	1720 rpm
VARIABLE SPINDLE SPEED	YES	YES
AUTOMATIC CENTRAL LUBRICATION	YES	YES
POWER REQUIRED	400v 3ph 50Hz 15A+ Neutral	208v 3ph 60Hz 21A
CONNECTIONS REQUIRED (SUPPLIED BY CUSTOMER) POWER, WATER, COMPRESSED AIR		
TOOLING CONSULT YOUR LOCAL FARNESE DEALER FOR ANY TOOLING REQUIRED		
Optional 9kw / 12hp spindle motor available at additional cost.		

Owing to the constant updating of our designs, descriptions and technical data shown in our drawings and folders are not binding. Possible alterations deemed by the makers as convenient will be effected at any time without previous notice.

5 Heald Road, Ingleburn NSW 2565 Australia
 ABN: 47 057 462 629 • ACN: 057 462 629
 Phone: 1300 075 678 • www.farnese.com.au



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 an Australian company, Farnese carry a vast array of parts here in Australia 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 in Australia from our own qualified Technicians in Australian time.

With more Service Technicians in Australia than any of our competitors, 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.

FARNESE AUSTRALIA PTY LTD 5 Heald Road, Ingleburn NSW 2565 Australia
ABN: 47 057 462 629 • ACN: 057 462 629
Phone: 1300 075 678 • www.farnese.com.au

DESIGNED FOR FUNCTION, BUILT TO LAST.