

# MITRE SAW

## GEN 3



## DESIGN FEATURES

### EASY TO USE SOFTWARE

A powerful, yet intuitive interface makes operating a breeze.

### VARIABLE FEED CONTROLLER

a range of material thicknesses and hardness can be accommodated with minimal chipping and minimal cut deflection.

### VARIABLE SPINDLE SPEED

A variable spindle speed control, which allows users to adjust the speed of the spindle (the rotating part that holds the blade) according to the material being cut and the type of cut required.

### PNEUMATIC ROLLERS

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

### AUTOMATIC LUBRICATION SYSTEM

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

MITRE SAW GEN 3

# 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 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 3, this machine has always been a consistent market leader amongst the Farnese range.



# FEATURES



## Accurate

The MITRE SAW GEN 3 quickly cuts accurate mitres for a wide range of materials including engineered stone, granite, marble and porcelain, ranging in thickness from 8mm to 40mm.



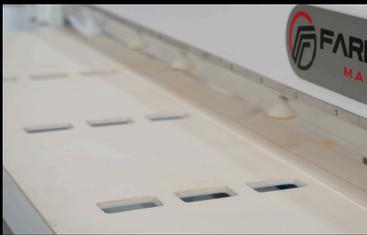
## Safety

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



## Variable Feed

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.



## Pneumatic Rollers

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.



## Straight Edge System

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.



## Special Nylon Clamps

Special Nylon Clamps are versatile fastening tools made from durable nylon material, often used for securing hoses, pipes, and other cylindrical objects. They are known for their flexibility, corrosion resistance, and ease of use.

# 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)

# TECHNICAL SPECIFICATIONS

Dimensions of Installed Machine	Metric	Imperial
Length	5700 mm	224.4 in
Width	1200 mm	47.2 in
Height	1100 mm	43.3 in
Weight	1200 kg	2420 lb
Max Size Of Slab		
Length	1600 mm	63 in
Depth	600 mm	23.6 in
Height	800 mm	31.5 in
Features and Feeds		
Table Length	3800 mm	149.6 in
Table Width	600 mm	23.6 in
X Travel	3650 mm	143.7 in
Blade Diameter (Recommended)	350 mm	13.8 in
Blade Angle	45° +/-1°	45° +/-1°
Blade In/ Out Movement	50mm	2.0 in
Cutting Speed	0 - 8m / min	0 - 315in / min
Main Spindle Power		12 HP
Main Spindle Speed		2000 RPM
Variable Spindle Speed	YES	YES
Automatic Central Lubrication	YES	YES
Power Required	400v 3ph 50Hz	208v 3ph 60Hz
	25A+ Neutral	32A
Connections Required (Supplied by Customer)		
Power, Water, Compressed Air		

## **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.

