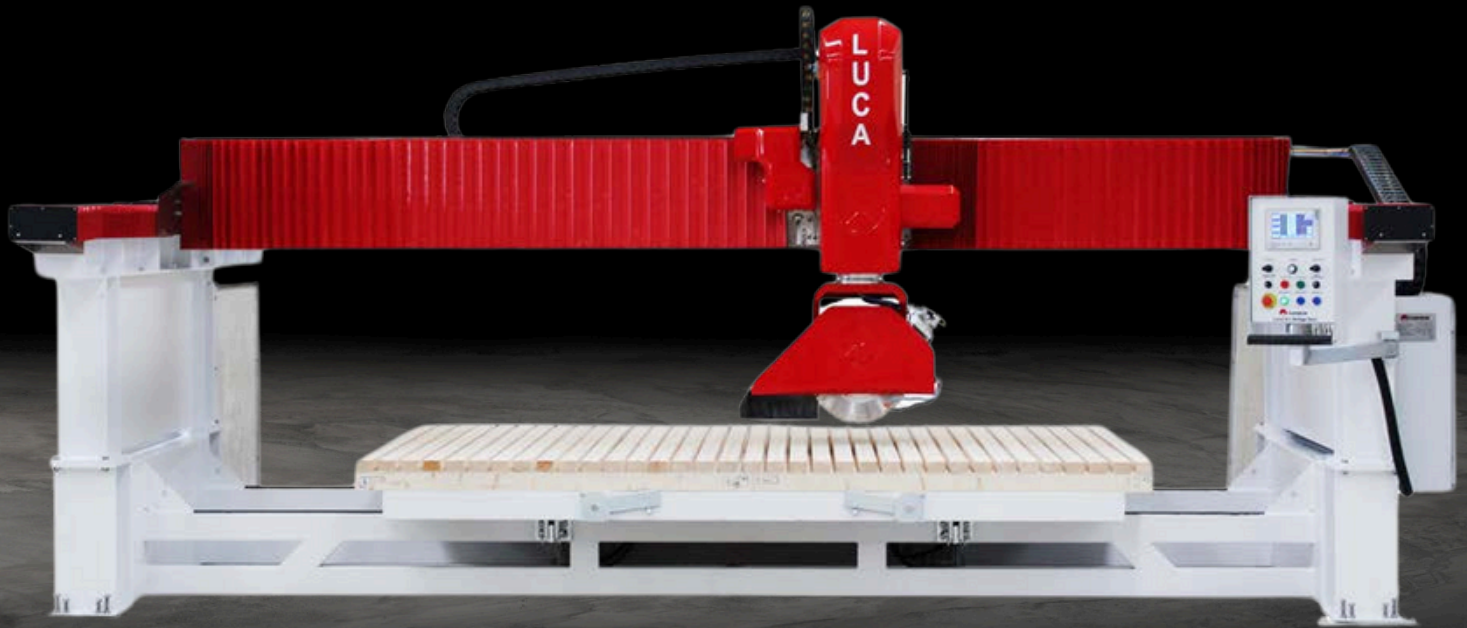


LUCA

360



DESIGN FEATURES

MONO BLOCK CONSTRUCTION

Provides stable, durable performance without requiring a concrete foundation, ensuring precise cuts and easy installation.

360° ROTATING CUTTING HEAD

Enables flexible, multi-angle cuts without material repositioning, saving time and improving accuracy.

TILTING HEAD FOR MITRE CUTS

Allows precise angled cuts for advanced designs, streamlining the cutting process.

LASER CUTTING GUIDE

Projects a clear cutting line, reducing waste and ensuring perfect alignment for accurate results.

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 LUCA 360 is a 4 axis bridge saw, designed and built for those who require accuracy and versatility, at an affordable price. The Luca 360 features monoblock construction and consists of one main beam (the bridge), travelling on two side rails.





MACHINERY

FEATURES

Rotating Cutting Head

As a step up from entry level bridge saws, the Luca 360 sees the addition of a 360° rotating cutting head, eliminating the need for a rotating table. This in itself is a great time saving feature and increases efficiency, as an operator can simply rotate the head to 90° instead of rotating the table.

Cutting Modes

From the main menu, the operator has a choice of manual or automatic mode.

The standard automatic mode allows the operator to program and execute multiple cuts of predetermined widths, up to a maximum of 9 different cuts. Each of these individual cuts can be repeated up to 99 times.

Once the start button is pressed, the machine will execute the cuts at the desired speed. The software will automatically calculate and add the thickness of the blade at each programmed movement.

In manual mode, the operator can see the position of the blade at any time with the aid of a laser cutting guide and move the bridge in and out at will. The operator can also enter a single measurement, press IN or OUT, and the cutting head will move and stop at the desired position. A press of the START button will begin the cutting process at the programmed speed. Once complete, the cutting head will move up and return to its leftmost limit.



MACHINERY

FEATURES

Tilting Table

The table also has the capability to tilt from 0° to 80° to facilitate the easy loading and unloading of slabs. The tilting function is powered by a set of heavy duty hydraulic pistons.



Pendant Station

A pendant station allows for control of the saw. Four movements (X,Y,Z and Rotation) are controlled by a PLC (Programmable Logic Control) system.

The machine has a homing system that allows the operator to send the cutting blade to the home position, away from the working area, at the touch of a button.



TECHNICAL SPECIFICATIONS

Dimensions of Installed Machine	Metric	Imperial
Length	5850 mm	230.3 in
Width	4300 mm	169.3 in
Height	2600 mm	102.4 in
Weight	3000 kg	6600 lb

Table

Length	3600 mm	141.7 in
Width	1800 mm	70.9 in
Height	660 mm	26.0 in
Rotation	NO	NO
Tilt	YES	YES

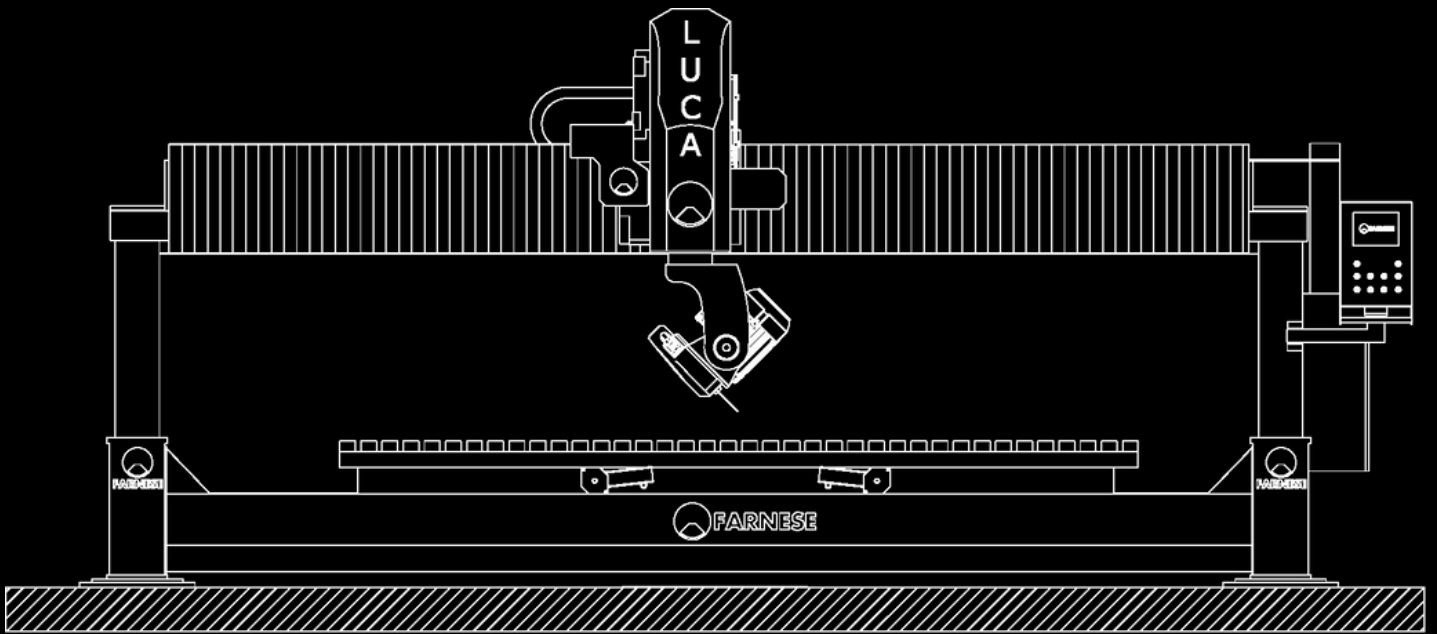
Features & Feeds

X Stroke (Cross Travel Stroke)	3800 mm	149.6 in
Y Stroke (Long Travel Stroke)	2700 mm	106.3 in
Z Stroke (Head Up and Down)	300 mm	11.8 in
Blade Diameter (Recommended)	450 mm	18 in
Blade Diameter (Max)	550 mm	22 in
Blade Shaft Diameter	60 mm	2.36 in
Blade Tilt	0 - 45°	0 - 45°
Head Rotation	0 - 360°	0 - 360°
Automatic Lubrication	YES	YES
Laser Cutting Guide	YES	YES
Main Spindle Power	11 kW	20 hp
Main Spindle Speed	1440 rpm	1720 rpm
Power Required	400v 3ph 50Hz	208v 3ph 60Hz
	32A+ Neutral	50A

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

LUCA 360

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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