

LUCA

BRIDGE SAW

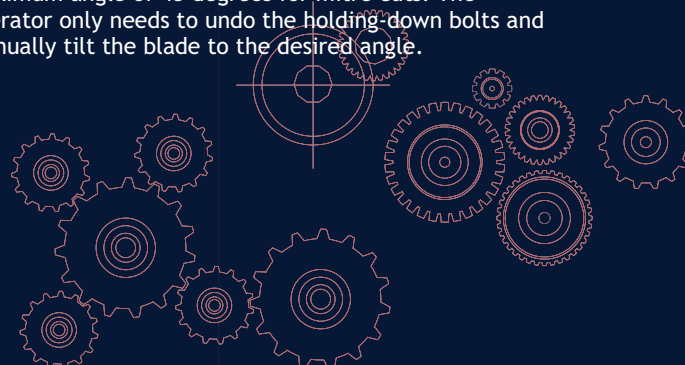


The LUCA is a basic bridge saw perfect for both small and large workshops which can function as a main or an auxiliary saw.

The LUCA is fully motorised and comprises a square main beam suspended between 2 end rails. The main beam moves in and out (long travel) along the end rails and the cutting head moves left and right (cross travel) along the main beam. The full-360 degree rotating table enables precision cutting of all material edges. All the motorised functions of the machine are controllable via a pendant station located to the right-hand side of the machine.

Features

- ▶ **Aluminium blade cover**
To guard against spatter, the blade features a cover made of corrosion resistant aluminium.
- ▶ **Bridge measuring system**
The LUCA is equipped with a measuring system which enables electronic measurement of the distance travelled (long travel) in both in and out direction. As the operator moves the bridge in and out the display shows the distance travelled and it can easily be cleared to zero at the touch of a button.
- ▶ **Pendant station**
The machine is operated via a pendant station located to the side of the cutting area. The standard auto system allows the operator to program and execute multiple cuts of predetermined widths. The machine also has a homing feature that allows the operator to send the cutting blade to the home position (away from the working area) at the touch of a button.
- ▶ **Variable cutting speed**
The movement of the main head is motorised and equipped with an electronic speed controller which enables the machine to cut at various speeds depending on material hardness. There are limit switches at the end of travel which enable simple stroke length setting.
- ▶ **Motorised up-down movement**
The up-down movement is also motorised for quick and easy adjustment and positioning of the blade's level. This feature also has limit switches at the end of travel to enable simple stroke length setting.
- ▶ **Internal micrometric handle**
This small device allows the operator to adjust the bridge position in vary small increments by hand.
- ▶ **Laser**
This device shines a red line which denotes the cutting line. This option comes fully installed and can be switched on and off through a switch mounted on the control panel. (Note: if the natural light around the machine is excessive, no matter what brand of laser is installed, the line won't appear as bright)
- ▶ **Tilting table**
This table has the capability to tilt from 0 to 80 degrees for easy loading of slabs. It is powered by a set of heavy-duty hydraulic pistons which requires a 240 volt electricity supply.
- ▶ **Tilting of the blade**
This system allows to manually tilt the blade to a maximum angle of 45 degrees for mitre cuts. The operator only needs to undo the holding-down bolts and manually tilt the blade to the desired angle.



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Specifications

Tilting turntable dimensions (L x W)	3200mm x 1500mm
Cutting width (cross travel stroke)	3600mm
Cutting length (long travel stroke)	3600mm
Vertical movement of cutting head (up and down)	300mm
Tilt of blade	90 to 45 degrees
Turntable rotation	0 - 360 degrees, with fixed stops at 0 and 90 degrees. Plus screw stop at any other position
Blade diameter	Recommended 450mm (max 550mm)* <i>*Farnese Australia's Studio bridge saw is able to accommodate a blade up to 1000mm in diameter. Click here for more information.</i>
Blade shaft diameter	60mm
Main motor	14 Hp (larger motor available on request)
Machine dimensions (L x W x H)	5200mm x 4600mm x 2100mm
Machine Weight	3000kg (approx.)
Connections required (to be supplied by customer)	
- Power	
- Water	
- Compressed Air	

