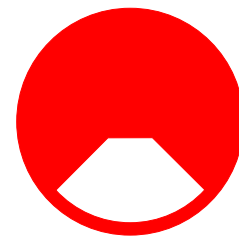


LUCA 360

Easy and productive 4+ axis bridge saw



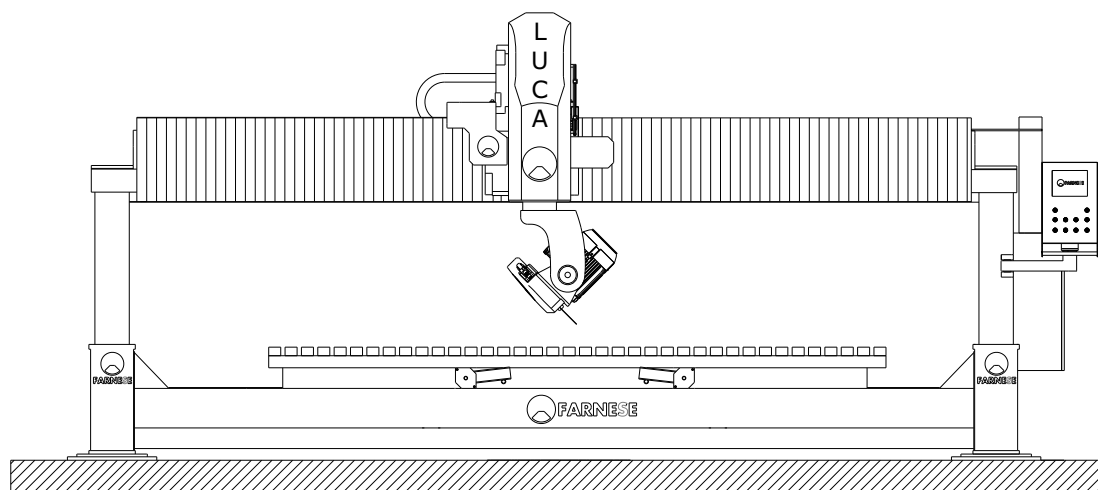
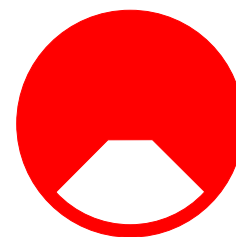
The new LUCA 360 is a 4 axis saw designed and built for the person who needs an accurate and versatile saw at an affordable price. The LUCA 360 composed of one main beam (bridge), which travels on two rails for the long travel (forward and reverse movement). The monolithic design makes this machine very easy to install and right in construction.

Unlike the classic bridge saws, this machine is equipped with a 360° rotating head instead of a rotating table. This feature makes the machine quicker as the operator can save time by rotating the head to 90°. Four movements (X,Y,Z,ROT) of the machine are controlled by an NC system. The X and Y axis are interpolated to allow angle cuts over the XY plane, with accompanying pneumatic blade tilt from 0° to 45°.

The up and down movement has limits that can be set for quick and easy adjustment and positioning of the blade's level. The automatic cutting system has different settings which give the operator great flexibility in their work. After the initial menu the machine has a MANUAL and AUTO menu. In the MANUAL menu the operator can visualize the position of the machine at any time. He can also enter a single measurement, press IN or OUT and the machine will move and stop at the desired position. In the AUTO menu the operator can program 9 different cuts and each one can be repeated 99 times. Once you press the START button the machine will execute the cuts at the desired speed. The system calculates the thickness of the blade at each programmed movement.

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TECHINICAL SPECIFICATIONS

DIMENSIONS OF INSTALLED MACHINE

WIDTH	5850 mm	230.3 in
DEPTH	4300 mm	169.3 in
HEIGHT	2600 mm	102.4 in
WEIGHT	3000 kg	6600.0 lb

TABLE DIMENSIONS

WIDTH	3700 mm	145.7 in
DEPTH	2000 mm	78.7 in
HEIGHT	660 mm	26.0 in
ROTATION	NO	
TILT	YES	

FEATURES & FEEDS

CUTTING LENGTH (LONG TRAVEL STROKE)	2300 mm	90.6 in
CUTTING WIDTH (CROSS TRAVEL STROKE)	3600 mm	141.7 in
CUTTING HEIGHT (HEAD UP AND DOWN)	300 mm	11.8 in
BLADE DIAMETER (MAX)	550 mm	22 in
BLADE SHAFT DIAMETER	60 mm	2.36 in
BLADE TILT	90 -45°	
HEAD ROTATION	0-360°	
LASER CUTTING GUIDE	YES	
AUTOMATIC GREASING	YES	
MAIN SPINDLE POWER	11 kW	20 hp
MAIN SPINDLE SPEED	1440 rpm	2000 rpm
POWER REQUIRED	28A, 400V, 3 phases + Neutral	
	50A, 208V, 3 phases + Neutral	

CONNECTIONS REQUIRED (SUPPLIED BY CUSTOMER)

POWER, WATER, COMPRESSED AIR.

*TOOLING

CONSULT YOUR LOCAL FARNESE DEALER FOR ANY TOOLING REQUIRED



Owning 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.

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