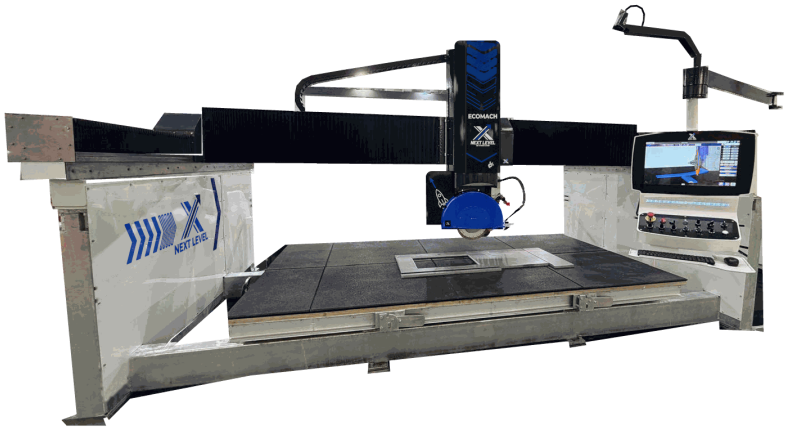
ECO MACH

5-axis CNC bridge saw · base or fully loaded



Shown fully loaded (side spindle, overhead camera)

PRODUCT OVERVIEW

ECO MACH is the entry to the MACH series: a 5-axis CNC bridge saw on a hot-dip galvanized monoblock with a 13 kW spindle and a 3,500 × 2,000 mm hydraulic tilting table. Order it as the base machine, or fully loaded with the overhead slab camera, slab thickness probe, blade and tool presetting device and an ER32 side spindle for drilling and milling.



13 kW main spindle



21-inch touchscreen

13 kW S6	5 axes	3,500 × 2,000 mm	Ø 625 mm
Main spindle, 6,000 rpm	A 0–90° · C 0–370°	Tilting work table	Maximum blade

KEY SPECIFICATIONS

Blade tilt	Automatic, 0–90°
Z stroke	325 mm (12 13/16 in)
Working area	3,500 × 2,100 mm, up to 200 mm thick (table 3,500 × 2,000 mm)
Table tilt	Hydraulic, up to 80°
Table surface	Wooden + rubber
Axis drives	Servo motors, linear guideways
Axis speeds	X 25 · Y 20 · Z 5 m/min
Control	Italian CNC controller, 21-inch touchscreen
Frame	Hot-dip galvanized steel monoblock

BLADE SIZE WITH OPTIONS FITTED

Factory data: with the slab thickness probe fitted the largest blade is Ø 450 mm; with the side spindle, Ø 350 mm.

IDEAL APPLICATIONS

- Countertops: straight, diagonal and miter cuts.
- Curved and contour cutting with the 5-axis head.
- Drilling and milling with the ER32 side spindle (fully loaded).
- Shops moving from a manual bridge saw to CNC.

BASE CONFIGURATION

- 5-axis head, 13 kW main spindle, automatic blade tilt.
- Hydraulic tilting table, wooden + rubber surface.
- Mini CAD software on a 21-inch industrial touchscreen.
- Inside protection covers; hot-dip galvanized frame.
- Installation and operator training.

NOT INCLUDED · POWER

Safety doors, outside side covers, handwheel and cabinet air conditioning are not part of ECO MACH. Power: 3-phase 400 V; the U.S. 60 Hz build and transformer are confirmed at order.

BASE OR FULLY LOADED

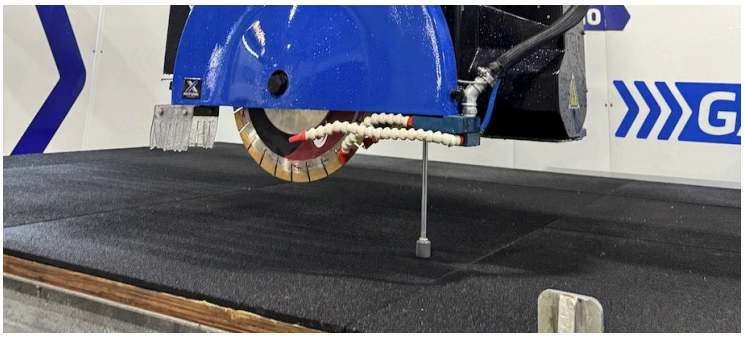
Four upgrades turn the base ECO MACH into the fully loaded machine.



Rocket side spindle (ER32)

Fully loaded, ECO MACH gets an ER32 side spindle — 7 kW at up to 18,000 rpm — for drilling and milling next to the blade. Pictured on a MACH 5, which uses the same side spindle.

Power	7 kW (9.4 HP)
Speed	Up to 18,000 rpm
Collet	ER32



Slab thickness probe.

A probe on the head touches the slab and reads its thickness before the cut (MACH series probe shown).



Blade & tool presetting.

A device in the table measures blade diameter and milling-tool length automatically (MACH series device shown).



Overhead slab camera.

A camera on a side post or the ceiling photographs the slab for layout on the screen (MACH series camera post shown).



21-inch touchscreen.

Italian CNC controller and servo drives, with Mini CAD standard; Profiles & Shapes and Photo Digitizer are optional (MACH series console shown).

TECHNICAL DATA

ECO MACH · 2026 model

CUTTING HEAD

Axes	5-axis interpolated · A 0–90° · C 0–370°
Main spindle	13 kW (S6), up to 6,000 rpm, built-in inverter
Milling from main spindle	Optional upgrade
Side spindle	Option: ER32, 7 kW, 18,000 rpm

TABLE AND WORK

Work table	3,500 × 2,000 mm (137 13/16 × 78 3/4 in)
Max. working thickness	200 mm (7 7/8 in)

SOFTWARE

Standard	Mini CAD (factory CAD software)
Optional	Profiles & Shapes; Photo Digitizer

LAYOUT

Layout (L × W)	6,000 × 3,300 mm (236 1/4 × 129 15/16 in)
Bridge length	5,300 mm (208 11/16 in)
Machine (L × W × H)	5,300 × 3,300 × 2,750 mm
Height with camera post	3,400 mm (133 7/8 in)
Weight	~5,000 kg (approx. 11,020 lb)

UTILITIES

Electrical	3-phase 400 V, approx. 20 kW; U.S. 60 Hz build and transformer confirmed at order
Compressed air	Min. 5 L/min
Water	Min. 30 L/min; about 40 L/min used at 3 bar
Network	Wi-Fi or RJ45 (Cat 5)

BEFORE INSTALLATION

Buyer supplies	Water, compressed air, blades, milling tools and the 3-phase electrical supply
Power	3-phase 400 V; U.S. 60 Hz build and transformer confirmed at order
Foundation	None: the monoblock frame stands on the shop floor

INCLUDED SERVICE

Installation	At your shop, by a Next Level technician
Training	Operator training at installation
Your quotation	Lists configuration, options and warranty terms

Specifications are subject to change without notice. Factory data for the 2026 model; weights and dimensions are approximate, inch values converted and rounded.

CHOOSE YOUR MACH

ECO MACH base and fully loaded beside MACH 1, MACH 5 and MACH 10.

BASE, FULLY LOADED OR A BIGGER MACH?

	ECO MACH base	ECO MACH fully loaded	MACH 1	MACH 5	MACH 10
Main spindle (S6)	**13 kW**	13 kW	21.5 kW	21.5 kW	21.5 kW
Maximum blade	**Ø 625 mm***	Ø 625 mm*	Ø 725 mm	Ø 725 mm*	Ø 725 mm*
Z stroke	**325 mm**	325 mm	450 mm	450 mm	450 mm
Work table (mm)	**3,500 × 2,000**	3,500 × 2,000	3,800 × 2,400	3,800 × 2,400	3,800 × 2,400
Hydraulic table tilt	**80°**	80°	85°	85°	85°
Milling from main spindle	**Option**	Option	✓	✓	✓
Side spindle	**Option**	ER32 · 7 kW	—	ER32 · 7 kW	ISO30 · 5.2 kW
Automatic tool changer	**—**	—	—	—	9 positions
Vacuum lifter (2 arms)	**—**	—	—	700 kg	700 kg
Thickness probe · presetting	**Option**	✓	✓	✓	✓
Overhead slab camera	**Option**	✓	Option	Option	Option
Internal live camera	**—**	—	Option	✓	✓
Software	**Factory CAD**	Factory CAD	Zeus by Pegasus	Zeus by Pegasus	Zeus by Pegasus
Vein matching module	**—**	—	—	Option	Option
Safety doors · cabinet A/C	**—**	—	✓	✓	✓
Outside side covers	**—**	—	—	✓	✓
Layout L × W (mm)	**6,000 × 3,300**	6,000 × 3,300	7,800 × 3,880	8,300 × 4,150	8,300 × 4,150
Machine weight	**~5,000 kg**	~5,000 kg	~7,000 kg	~7,000 kg	~7,000 kg
Installation + training	**Included**	Included	70 hours	90 hours	90 hours

✓ standard · — not offered / not included. All five share the 5-axis head (A 0–90°, C 0–370°, automatic blade tilt 0–90°), a 6,000 rpm main spindle and a hot-dip galvanized monoblock frame. *Factory data, largest blade with the thickness probe fitted: ECO MACH Ø 450 mm, MACH 5/10 Ø 625 mm (also with the vacuum lifter); with the side spindle: ECO MACH Ø 350 mm, MACH 5/10 Ø 450 mm.

Questions, or ready for a written quotation? **+1 941-900-3018** · **sales@nextlevel.plus** · **nextlevel.plus**

Budgetary equipment information. U.S. and metric values appear together; added conversions are approximate. This sales document does not replace the delivered manual, drawings or safety labels.