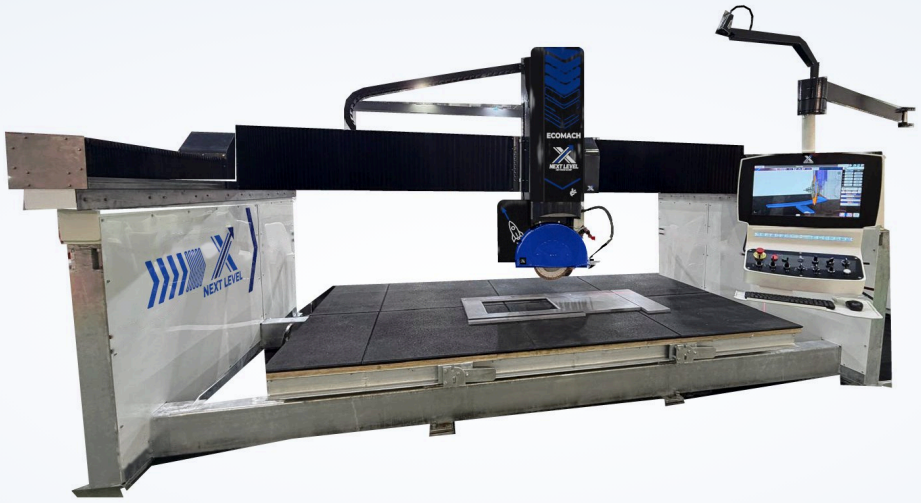
MACH SERIES

TECHNICAL SPECIFICATION SHEET

ECO MACH

5-axis CNC bridge saw · base or fully loaded

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.



Shown fully loaded (side spindle, overhead camera)







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

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.

KEY FEATURES

- **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.
- **Blade & tool presetting**
  A device in the table measures blade diameter and milling-tool length automatically (MACH series device 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).
- **Slab thickness probe**
  A probe on the head touches the slab and reads its thickness before the cut (MACH series probe 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).

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.

ECO MACH · TECHNICAL DATA

5-AXIS CNC BRIDGE SAW · BASE OR FULLY LOADED

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 × 137 13/16 × 78 3/4 in (2,000 mm)
Max. working thickness	7 7/8 in (200 mm)
SOFTWARE	
Standard	Mini CAD (factory CAD software)
Optional	Profiles & Shapes; Photo Digitizer
LAYOUT	
Layout (L × W)	6,000 × 236 1/4 × 129 15/16 in (3,300 mm)

LAYOUT (CONT.)	
Bridge length	208 11/16 in (5,300 mm)
Machine (L × W × H)	5,300 × 3,300 × 2,750 mm
Height with camera post	133 7/8 in (3,400 mm)
Weight	~11,020 lb (5,000 kg)
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
DIMENSIONS AND WEIGHT	
Network	Wi-Fi or RJ45 (Cat 5)
DETAILS	
Power	9.4 HP (7 kW)
Speed	Up to 18,000 rpm
Collet	ER32

INCLUDED AS STANDARD

- 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

DETAILS







13 kW main spindle · 21-inch touchscreen · Rocket side spindle (ER32)

Specifications are subject to change without notice. Factory data for the 2026 model; weights and dimensions are approximate, inch values converted and rounded. Images may show optional equipment. Document date: Nov 2026. Next Level Enterprises · www.nextlevel.plus · +1 941-900-3018 · sales@nextlevel.plus