TURBO PLUS

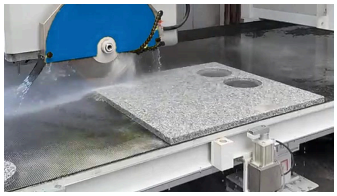
5-axis CNC bridge saw with router



Turbo Plus, Next Level image, front doors open

PRODUCT OVERVIEW

Turbo Plus is a full 5-axis CNC bridge saw: blade and router on one head, camera photo layout, automatic nesting and vein matching, vacuum cups that move cut parts, and a table that tilts to 85°. Next Level builds it with every upgrade: precision linear guides, precision helical racks and industrial pneumatics, on a galvanized monoblock built to the TÜV standard.



Saw cutting a top



Industrial PC touchscreen

29.5 HP	10 HP	5-axis	70 hours
Saw motor (22 kW)	Router (7.5 kW), 15,000 rpm	C 0–360° · A 0–90°	Installation + training

KEY SPECIFICATIONS

Cutting (L × W × T)	145⅝ × 98⅜ × 7⅞ in (3,700 × 2,500 × 200 mm)
Saw motor	29.5 HP (22 kW); water through the shaft
Router	10 HP (7.5 kW); 15,000 rpm; ER collet
Blade diameter	13¾–23⅝ in (350–600 mm)
Head	C-axis 0–360° / A-axis 0–90°; Z travel 19⅝ in (500 mm)
Chamfering (L × W × T)	141¾ × 90½ × 4¾ in (3,600 × 2,300 × 120 mm)
Software	Photo layout, auto nesting, vein matching
Power · water	41 kW · 8.8 GPM (2 m³/h)
Weight	17,637 lb (8,000 kg) with doors
Build	Galvanized monoblock; TÜV standard

PLAN THE FOUNDATION FIRST

Turbo Plus stands on a reinforced-concrete foundation poured to the factory drawing before delivery, with a rear drain. The layout page gives the slab, supports and wall clearances.

IDEAL APPLICATIONS

- Kitchen and bath countertops in granite, quartz, porcelain and marble.
- Undermount sink cutouts, L-shaped tops and inside corners.
- Book-matched and vein-matched work from a slab photo.
- Straight, inclined and curved cuts, profiling and drilling.

INCLUDED CONFIGURATION

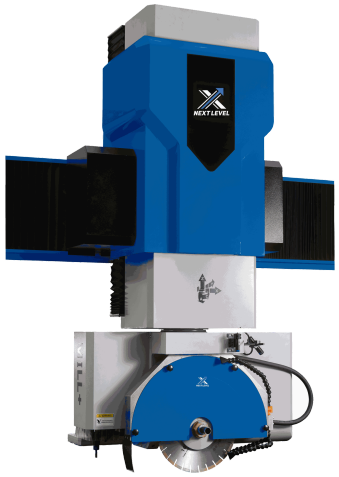
- Turbo Plus CNC saw with saw motor and router spindle on one head.
- Industrial PC with the CAD/CAM software and camera.
- Thickness probe, tool-setting gauge, vacuum cups and milling clamps.
- Front doors and back door; sealed cabinet with A/C.
- Voltage transformer, matched to your supply.
- Installation and operator training by Next Level technicians.

BEFORE YOU ORDER

Confirm your 3-phase voltage so the transformer is matched. Blades and router tools are separate. Offloading, placement and final utility hookups are the customer's responsibility.

SAW AND ROUTER IN ONE.

Cutting, milling, drilling and sink cutouts on one CNC, with every upgrade built in.



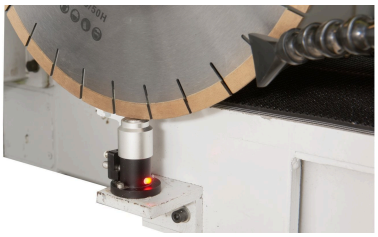
Saw and router head

The 29.5 HP (22 kW) permanent-magnet saw motor carries water through its shaft, so it can also run a straight-pipe drill bit and flush it clean. Beside it, a 10 HP (7.5 kW) electric spindle at up to 15,000 rpm handles profiling, drilling, curves and inside corners.

Saw drive	Variable frequency; water through the shaft
Tooling	ER collet + G1/2 adapter (Italian standard)
C and A axes	Precision robot reducers



Vacuum cups on the head



Automatic tool-setting gauge



Helical rack and linear guide



Hot-dip galvanized monoblock

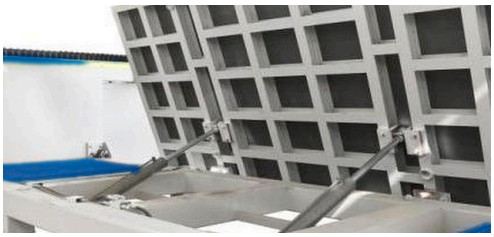
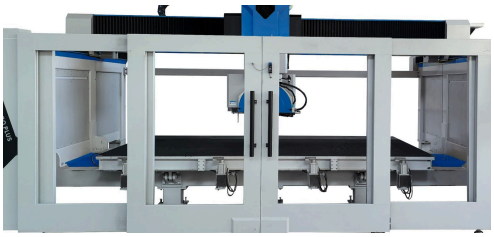


Table tilts to 85°



Front doors closed

Vacuum cups move the parts

When cutting paths conflict, the vacuum cups on the head lift and move cut pieces automatically, up to 1,102 lb (500 kg).

It measures for you

The tool-setting gauge checks the blade and a probe measures slab thickness; with the camera image the machine works out the slab size.

Upgrade package

Precision linear guides (size 30; 45 on Z), precision helical rack and pinion on X and Y, industrial pneumatics. Travel X 164, Y 115, Z 26 ft/min (50 / 35 / 8 m/min). Upgraded RV reducers for A and C on request.

Galvanized and guarded

Monoblock hot-dip galvanized except the cross beams; sealed cabinet with A/C; front and back doors with a safety door switch; LED strips; automatic lubrication; 5 clamp groups hold the slab while milling. Built to the TÜV standard. The machine type holds a TÜV Rheinland certificate of conformity under EU Machinery Regulation 2023/1230, valid from January 20, 2027.

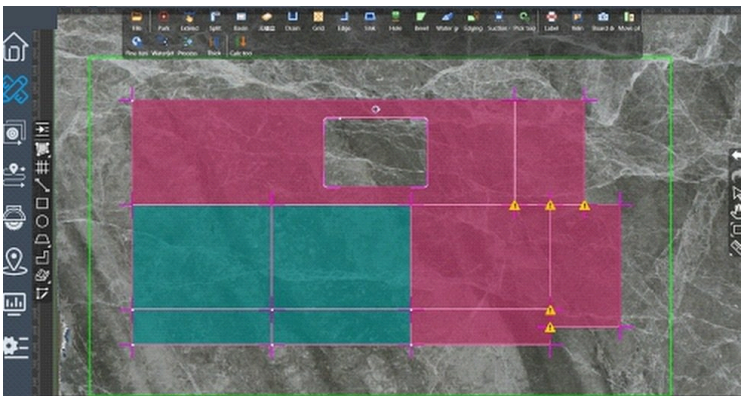
Photos: Turbo Plus and its components, shown in Next Level colors.

PROGRAM ON THE SLAB YOU HAVE.

Photo layout, automatic nesting and vein matching are included.

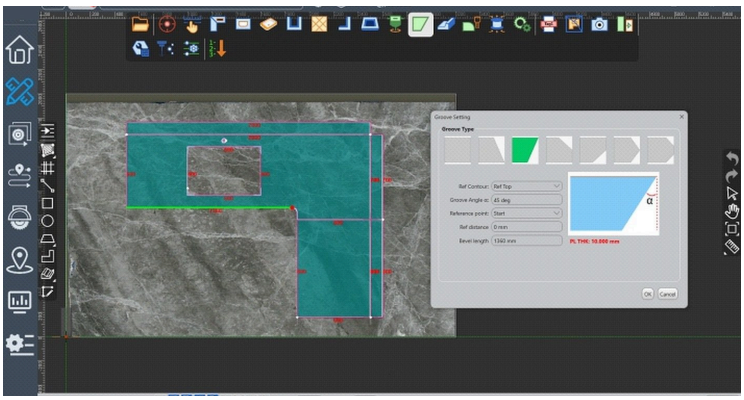


Vein matching with a 3D preview of the finished top (software screen).



Nesting on the slab photo.

The camera photographs the slab; you place the parts on the real image, and automatic nesting lays them out for the best yield.



Countertops and cutouts.

Draw L-shaped tops with sink cutouts and edge settings on screen, then send the job straight to the saw and router.

Industrial PC

Touchscreen industrial computer that connects by Wi-Fi or a phone hotspot for remote monitoring, support and software updates.

Dust-proof camera

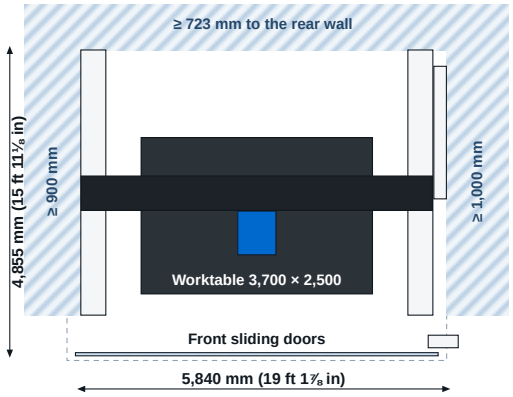
High-resolution industrial camera with a cover that opens and closes automatically.

Software screens are examples from the CNC software supplied with the machine.

LAYOUT AND FOOTPRINT.

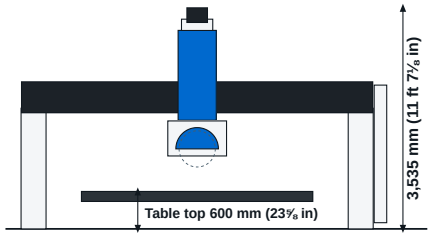
Drawn to scale from the factory's installation drawing. Your final drawing comes with the order.

Plan (top view)



Front of machine (operator side)

Front view



Hatched: minimum distance to walls.
Foundation 6,070 × 5,230 mm.

FOOTPRINT

Overall, with doors	19 ft 1⅞ in × 15 ft 11⅛ in × 11 ft 7⅛ in (5,840 × 4,855 × 3,535 mm)
Worktable	145⅝ × 98⅜ in (3,700 × 2,500 mm); top about 23⅝ in (600 mm) high
Clearance to walls	At least 35⅜ in (900 mm) left, 39⅜ in (1,000 mm) right (cabinet side), 28½ in (723 mm) rear
Main section as shipped	19 ft 2⅜ in × 7 ft 2⅝ in × 8 ft 6⅜ in (5,850 × 2,200 × 2,600 mm)

FOUNDATION

Slab	C30 reinforced concrete, 19 ft 11 in × 17 ft 1⅞ in (6,070 × 5,230 mm); 13¾ in (350 mm) thick at the front edge
Supports	12 supports, 19⅝ × 19⅝ in (500 × 500 mm), each with a 15¾ × 15¾ × ½ in (400 × 400 × 12 mm) embedded plate, welded level
Drainage	Sloped to a 15¾ in (400 mm) rear drain outlet and a 10⅝ × 9⅞ in (270 × 250 mm) trench
Water wall	3⅞ in (100 mm) water-retaining wall, built after installation

SITE. UTILITIES. DELIVERY.

Plan the installation before the machine arrives.

SITE REQUIREMENTS

- Level concrete floor with clear access, operating space and service space around the machine.
- A licensed electrician makes the final power connection; you provide water, drainage and compressed air as specified.
- A surge-protection device on the machine supply is required to keep the electrical warranty valid.
- Offloading and placement are by the customer unless the quotation says otherwise.
- The water-retaining wall around the foundation goes in after installation.

INSTALLATION AND WARRANTY

- 70 work hours of installation and operator training, combined; technician travel and lodging included.
- Setup, leveling, calibration, start-up, operational testing and commissioning on site.
- One-year limited warranty (mechanical and electrical, one shift), from installation; remote troubleshooting and diagnostic support from Next Level.
- Blades, router tools, abrasives and consumables are not included unless listed.

The foundation drawing is for solid ground; on soft ground, the depth of the foundation is set for your soil. A 3D layout of this machine (GLB / USDZ) is available from Next Level. 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.