TURBO SERIES

TECHNICAL SPECIFICATION SHEET

TURBO

4-axis PLC bridge saw

Turbo is a straightforward 4-axis bridge saw for everyday straight and miter cutting.



Turbo, Next Level design image







29.5 HP	141¾ × 86⅝ in	0–360°	40 hours
Saw motor (22 kW), up to 4,000 rpm	Cutting area (3,600 × 2,200 mm)	Head rotation, C-axis	Installation + training

A 29.5 HP (22 kW) permanent-magnet motor, a head that rotates 360° and tilts to 46°, and a 15-inch PLC touchscreen with ready-made shape programs make it easy to learn and easy to keep running.

KEY FEATURES

- **Built on guides and racks**
  Every axis runs on #30 linear guides, and the head turns through 360° on a precision robot reducer.
- **Set up for clean miters**
  The tool-setting page stores the blade diameter and the tooth and core thickness, presets the blade against the table and holds the chamfer offsets for mitered edges like this one.
- **Shapes on the touchscreen**
  The PLC cutting program has shape pages: squares, trapezoids, triangles, parallelograms, hexagons, L-shaped and reverse-L tops, countertop overhangs, full circles, ovals and fan shapes.

APPLICATIONS Straight cuts and miters in granite, quartz, marble and porcelain; countertop blanks, strips and backsplashes; a first bridge saw, or a second saw beside a CNC; shops that want simple PLC operation.

TURBO · TECHNICAL DATA

4-AXIS PLC BRIDGE SAW

KEY SPECIFICATIONS	
Type	4-axis bridge saw, PLC control
Saw motor	Permanent magnet, variable frequency
Blade diameter	13¾–19⅝ in (350–500 mm)
Z-axis travel	11¾ in (300 mm)
A-axis	Head tilt 0° and 46°
Control	PLC + motion controller; 15-inch touchscreen (not a PC)
Worktable	PVC faced with a rubber mat
Frame	Galvanized, with back panel
Software	Upgrades free for the life of the machine

SITE. UTILITIES. DELIVERY	
Total power	30 kW
Water	8.8 GPM (2 m³/h)
Size (L × W × H)	18 ft 10⅜ in × 13 ft 7⅜ in × 11 ft 5¾ in (5,750 × 4,150 × 3,500 mm)
Weight	9,921 lb (4,500 kg)
Main section as shipped	18 ft 10⅜ in × 7 ft 2⅝ in × 8 ft 2⅜ in (5,750 × 2,200 × 2,500 mm)

DETAILS	
X-axis	Helical rack and pinion; planetary reducer
Y-axis	Helical rack and pinion
Z-axis	Ball screw; planetary reducer

INCLUDED AS STANDARD

- Turbo bridge saw with its control console
- Automatic tool-setting gauge
- Automatic lubrication system
- Voltage transformer, matched to your supply
- Next Level upgrade: sealed electrical cabinet with industrial A/C
- Spare-parts kit: wrenches, screwdrivers, pipe clips, Teflon tape, 10 foot pads, 2 blade water pipes
- English instruction manual
- Installation and operator training by Next Level technicians

INSTALLATION AND WARRANTY

- 40 work hours of installation and operator training, combined.
- Technician travel, lodging, meals, local transportation and rental vehicle are included.
- Setup, leveling, calibration, start-up, operational testing and commissioning on site.
- Training covers operation, software basics, cutting functions, tool changes and maintenance; operators should be available Monday to Saturday.
- One-year limited warranty (mechanical and electrical, one shift), from installation; remote troubleshooting and diagnostic support from Next Level.

DETAILS







Circle cut by the blade · Countertop program, cut · Built on guides and racks

Factory data, Oct 28, 2026; U.S. values are converted and rounded. Specifications are subject to change without notice. Images may show optional equipment. All dimensions and weights are approximate; U.S. values are converted from the factory's metric data. Document date: Nov 2026. Next Level Enterprises · www.nextlevel.plus · +1 941-900-3018 · sales@nextlevel.plus