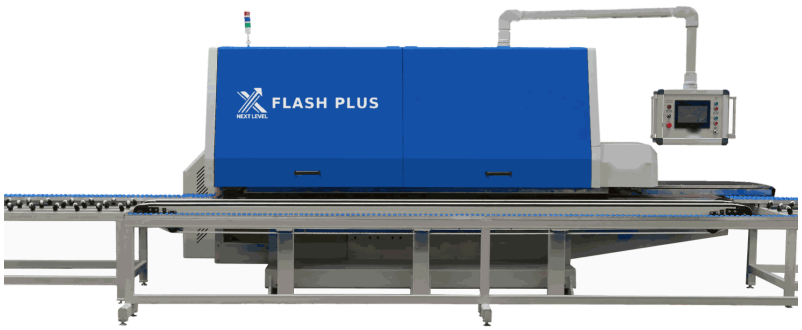
FLASH PLUS 15

Horizontal CNC edge polisher, 15 heads



PRODUCT OVERVIEW

Flash Plus 15 lays the slab flat on a variable-speed belt and grinds, profiles and polishes the edge in one pass, rough to fine: flat, laminated and beveled edges plus French and Roman profiles. A 10-inch touchscreen stores a recipe for each edge, and the clamping sets itself to the slab thickness.



10-inch CNC touchscreen



Wet polishing wheels

15 heads
Rough to polished, one pass

10-inch
CNC touchscreen, recipes

Auto
Clamping to slab thickness

Galvanized
Annealed, hot-dip frame

KEY SPECIFICATIONS

Minimum slab	2 × 2 in (50 × 50 mm)
Slab thickness	¼–2⅜ in (5–60 mm)
Speed	1.6–9.8 ft/min (0.5–3 m/min)
Tooling	Diamond profile wheels and wet polishing pads
Control	CNC PLC with data storage
Conveyor	Variable-frequency (VFD) belt
Beam	High-strength, resists deformation
Gearbox	High-torque transmission
Total power	61.5 kW
Weight	13,228 lb (6,000 kg)

ROUGH TO POLISHED IN ONE PASS

Diamond profile wheels grind the shape, then wet polishing pads finish it, on bottom edges, thickened (laminated) edges, side edges and small bevels.

IDEAL APPLICATIONS

- Kitchen and bath countertop edges.
- Laminated edges, bevels, French and Roman profiles.
- Repeat jobs: one stored recipe per edge.
- Shops that want fast, repeatable changeovers.

INCLUDED CONFIGURATION

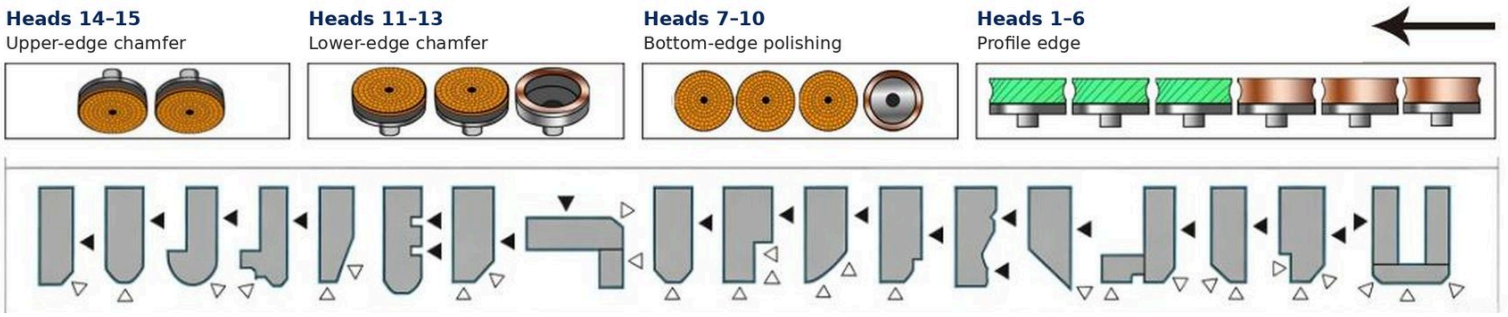
- 15 heads in selectable wheel groups.
- CNC PLC with 10-inch touchscreen.
- Infeed and outfeed roller conveyors.
- Alarm monitoring on the touchscreen.

BEFORE YOU ORDER

Wheels and pads are consumables: tell us the edges you run most so the wheel groups match. Confirm your 3-phase voltage at order.

RECIPES, NOT HANDWHEELS.

CNC control for fast, repeatable edges.



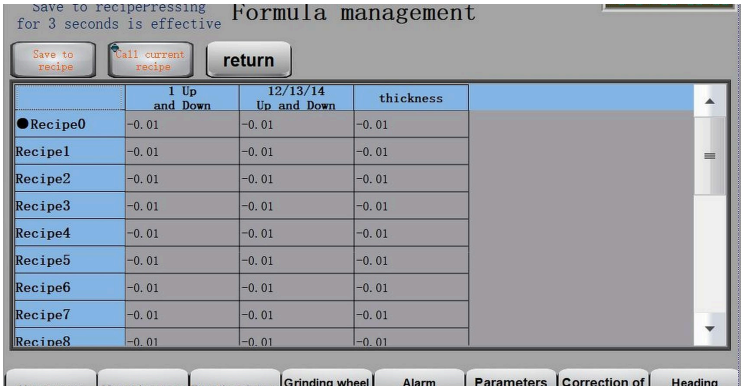
15-head layout (factory diagram): wheel groups in processing order, right to left, and the edges they make. Select the wheel group for each job.



Heads in a row

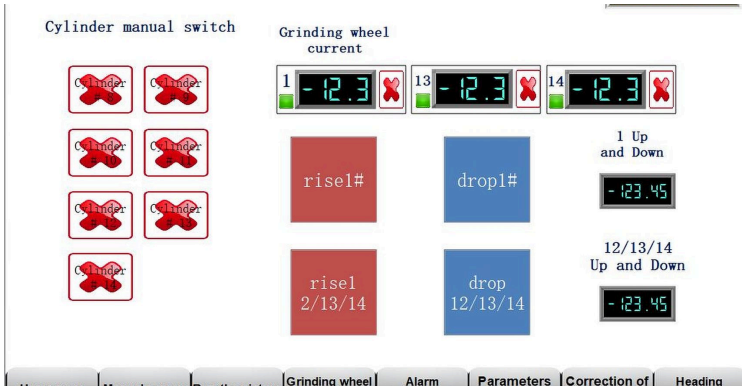
The heads stand in line under the hood, each on its own motor. From the touchscreen the operator raises and lowers the heads, selects the wheel group for the job and watches each wheel's current while it runs.

Edges	Bottom, thickened (laminated) and side edges; small upper and lower bevels; French and Roman profiles



Recipe management.

Save the head settings and slab thickness for each edge and call them back on the next job.



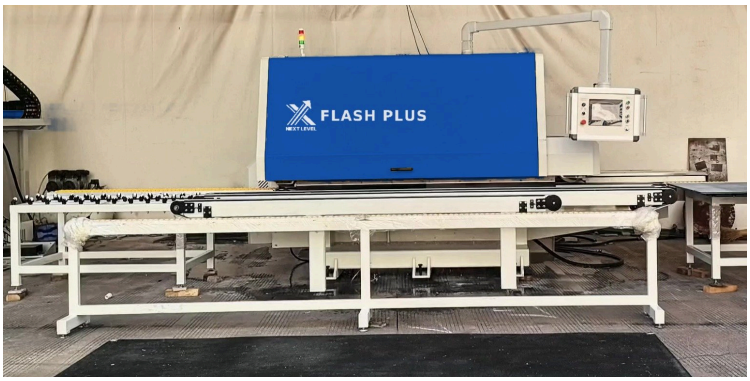
Alarms and wheel current.

Alarm screens cover emergency stop, overload, phase sequence and thickness limits; each wheel's current is shown live.

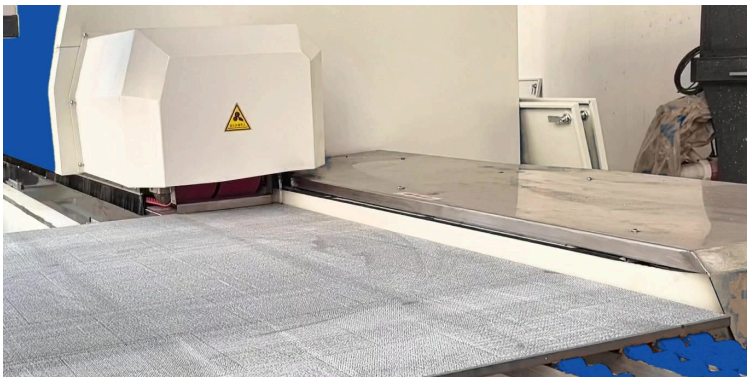
Touchscreen pictures: screens from the Flash Plus control. Photos: Flash Plus series at the factory (frames from the factory video). Head layout: factory diagram, English labels by Next Level.

IN ACTION

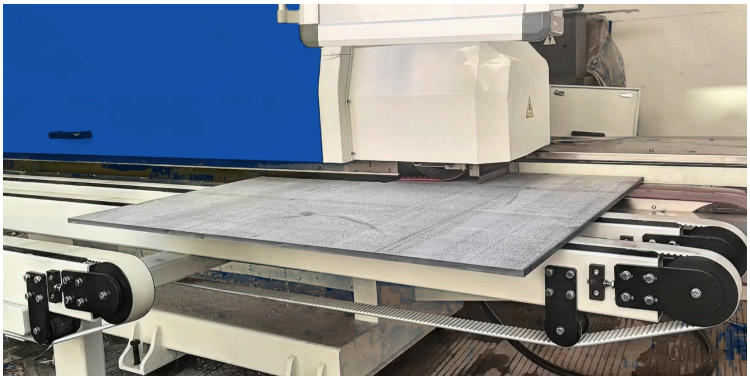
The slab rides flat on the belt: in, through the heads, out.



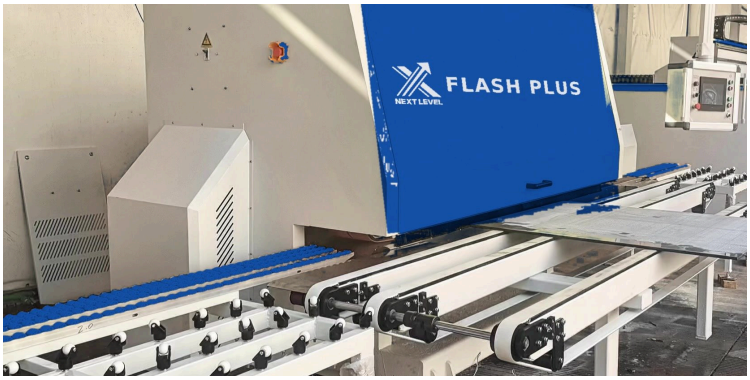
Front view: infeed rollers, belts, hood and control box



Slab laid flat on the infeed



Slab entering the clamping belts



Slab leaving the machine



Finished slab on the outfeed table

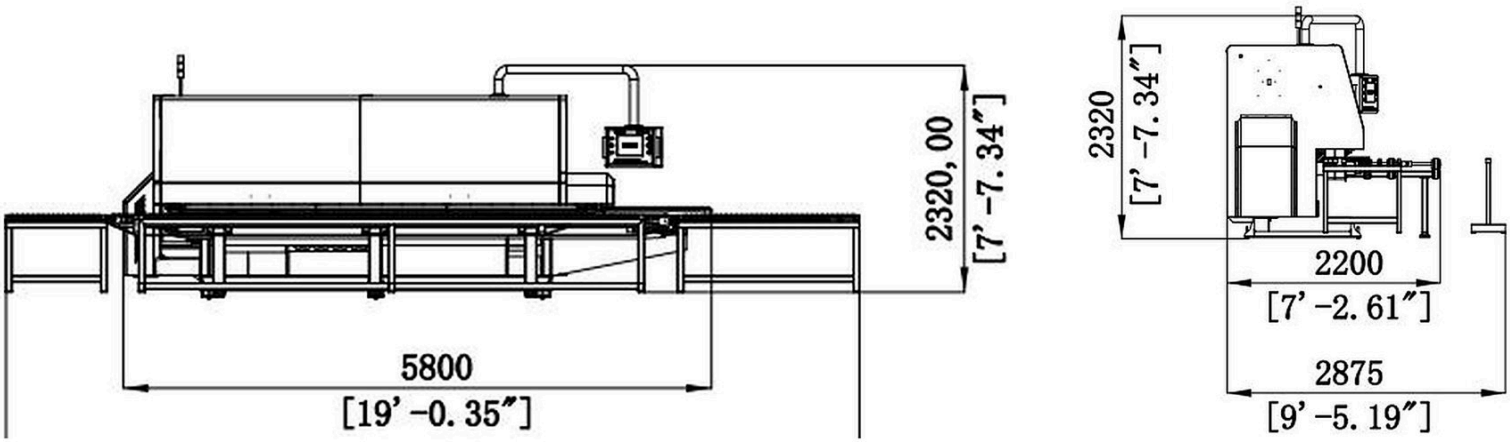


Service doors open: head motors and drive

Frames from the factory's Flash Plus video, shown in Next Level colors.

SIZE IT UP

Flash Plus 15: factory drawing, side and end view (mm, with feet-inches).



SIZE

Machine (L × W × H)	19 ft 0⅜ in × 7 ft 2⅝ in × 7 ft 7⅜ in (5,800 × 2,200 × 2,320 mm)
With conveyors (L × W)	27 ft 6¾ in × 9 ft 5¼ in (8,400 × 2,875 mm)

UTILITIES

Water	17.6–22.0 GPM (4–5 m³/h)
Water pressure	29–58 psi (2–4 bar)
Compressed air	87–102 psi (6–7 bar)

SITE. INSTALLATION. TERMS.

Plan the conveyors at both ends.

SITE REQUIREMENTS

- Level concrete floor with clear access, operating space and service space around the machine.
- Offloading, rigging and final placement (forklift or crane) are by the customer unless the quotation says otherwise.
- A licensed electrician makes the final power connection; you provide water, drainage and compressed air.
- The electrical build for your 3-phase, 60 Hz supply is confirmed on the order.

INSTALLATION AND TERMS

- Installation, operator training and warranty terms are stated on your Next Level quotation.
- Site and utilities must be ready before the technician arrives.
- Wheels, polishing pads and other consumables are not included unless listed.
- Final configuration, electrical build and delivery are confirmed in writing at order.

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

Factory drawing of the 15-head machine; the overall length with conveyors is the factory quotation figure. 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.