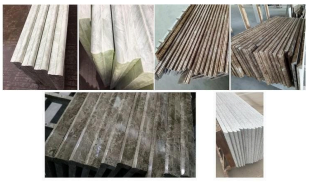
ECO FLASH 14

Vertical straight-line edge polisher, 14 heads



PRODUCT OVERVIEW

Eco Flash 14 grinds and polishes arc, French and straight edges and adds small top and back chamfers, all in one pass. The slab stands upright between two conveyors; for each edge shape the operator picks the matching group of heads and sets them by handwheel.



Edges from the 14-head machine



Heads set by handwheel

14 heads	126 × 78¾ in	Up to 3⅛ in	Stainless
Four head groups	Max. slab (3,200 × 2,000 mm)	Slab thickness (80 mm)	Steel cover

KEY SPECIFICATIONS

Heads 1–5	Arc edge, French edge
Heads 6–10	Straight edge
Heads 11–13	Small chamfer on the top face
Head 14	Back-side chamfer
Motors	Heads 1–2 and 14: 7.4 HP (5.5 kW); heads 3–13: 4 HP (3 kW)
Feed speed	6.6–9.8 ft/min (2–3 m/min)
Water	17.6 GPM (4 m³/h)
Weight	9,480 lb (4,300 kg)
Head setting	Two handwheels per head: in/out, up/down

MANUAL BY DESIGN

No PLC and no sensors: the operator sets each head with its handwheels. For touchscreen recipes, see Flash Plus.

IDEAL APPLICATIONS

- Countertop and vanity edges: arc, French and straight.
- Small top and back chamfers.
- Marble, granite, quartz, ceramic and engineered stone.
- Shops that run many straight-edge pieces.

INCLUDED CONFIGURATION

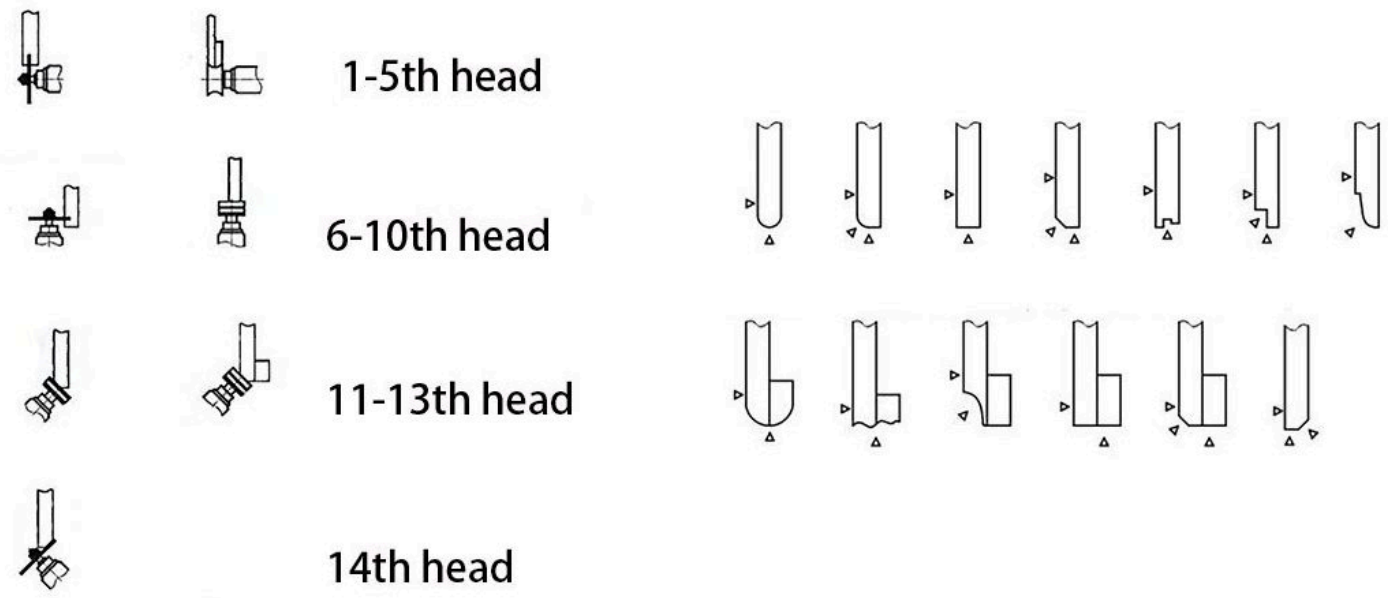
- 14 polishing heads in four groups.
- Digital display meter for each head.
- Support rails with rollers at both ends.

BEFORE YOU ORDER

Wheels and polishing pads are consumables: tell us the edges you run most, so the wheels match your work.

UPRIGHT SLAB. ONE PASS.

Pick the head group for the edge; the slab rides over the heads.



Head groups and the edges they make (factory diagram). For one edge shape the operator brings in the matching group.



How it works

Two conveyors on the cross beams clamp the upright slab while the heads work under it. The operator does not adjust the slab during the run.

Materials	Marble, granite, quartz, ceramic, engineered stone

Set by hand

The lower handwheel moves a head in and out, the upper one raises and lowers it. Switches sit next to each motor.

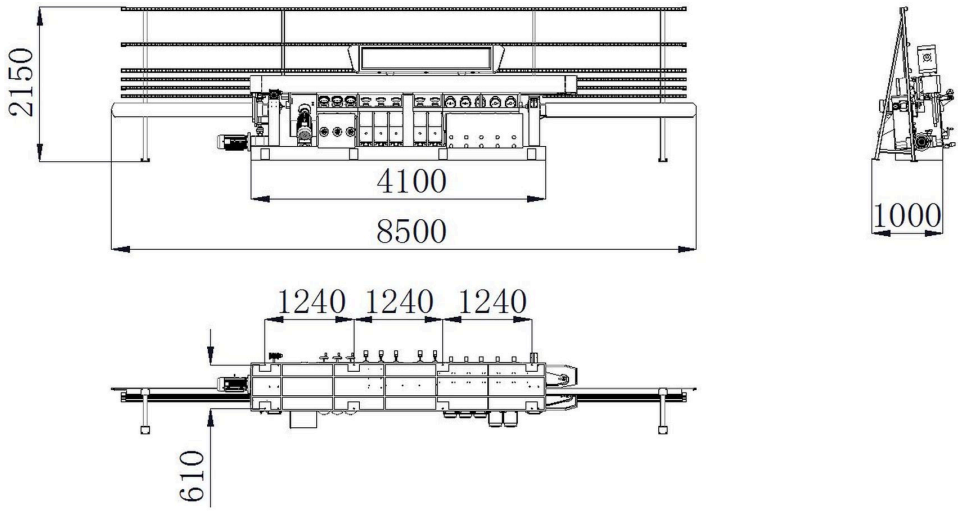
Head layouts on request

The four groups shown are the factory standard; other layouts can be quoted by the factory.

Process photos and edge samples: Eco Flash 14-head at the factory.

SIZE IT UP

Eco Flash 14: factory installation drawing (mm).



SIZE

Overall (L × W × H)	27 ft 10⅝ in × 3 ft 3⅜ in × 7 ft 0⅝ in (8,500 × 1,000 × 2,150 mm)
Main section, shipping	16 ft 4⅞ in × 3 ft 3⅜ in × 5 ft 8⅞ in (5,000 × 1,000 × 1,750 mm)

SUPPLY AND SHIPPING

Factory standard	380 V, 3-phase, 50 Hz
U.S. build	3-phase, 60 Hz, confirmed at order
Container	Main section ships as one piece in a 20 ft container

SITE. INSTALLATION. TERMS.

A long, narrow machine: plan the infeed and outfeed.

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.
- The electrical build for your 3-phase, 60 Hz supply is confirmed on the order.
- Leave room at both ends for the support rails and for loading and unloading slabs.

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.

Drawing: factory installation diagram of the 14-head machine (top, front and end views, mm). 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.