

CRA-700 Buffs Trim/Edge Cutting Machine

The CRA-700 trims and edges buffing wheels after forming and pressing, handling both small and large diameters. It uses a belt knife system to cut the running face of sisal, cotton, non-woven, and resin-treated fabric wheels. The machine supports two versions: a big version for outer diameters from 150 mm to 600 mm and a small version for 60 mm to 450 mm. One operator runs the machine. It is the final step in the buffing wheel production line: after forming on the CRA-800 or CRA-300, pressing on the CRA-600, and before packaging.

Specifications

Model	CRA-700 Buffs Trim/Edge Cutting Machine
Machine Size	1700 mm x 1100 mm x 1550 mm
Packed Size	1800 mm x 1200 mm x 1750 mm
Main Motor Power	2 kW
Working Voltage	380 V three phase, customisable
Air Pressure	6 KG or 0.4 MP
Knife Belt Diameter	490 mm
Knife Belt Length	3150 mm
Cutting Speed	2 to 3 buffs per 20 seconds
Max OD (Big Version)	600 mm
Min OD (Big Version)	150 mm
Max OD (Small Version)	450 mm
Min OD (Small Version)	60 mm
ID for Plane Buffs	8–20 mm
ID for Airway Buffs	80, 130, 180, 230 mm

Key Benefits

- One operator replaces multiple hand trimmers on the edge cutting step
- Handles both small (60–450 mm) and large (150–600 mm) buffing wheel sizes
- Belt knife cuts all common materials: soft cotton, resin-treated cotton, non-woven, and hard sisal
- Auto/manual knife sharpening maintains consistent cutting edge without downtime
- Adjustable distance control ensures repeatable edge face width across batches
- Rotating knife belt and adjustable knife rest keep the cut face perpendicular to the wheel
- CE certified machine with stable heavy steel construction for long-term use

Materials It Runs

- Soft untreated cotton fabric
- Resin treated cotton in yellow, blue, green or red
- Non-woven fabric
- Hard sisal cloth
- Sisal stitched with cloth

Frequently Asked Questions

What sizes of buffing wheels can this machine handle? Big version: 150 mm to 600 mm outer diameter. Small version: 60 mm to 450 mm outer diameter.

Can it cut both sisal and cotton wheels? Yes, the belt knife cuts sisal, cotton, non-woven, and resin-treated fabric wheels.

How many wheels can it cut per cycle?	One wheel per cycle. It can cut up to 3 wheels at once if arranged on the feeder, but each is processed individually.
What is the cutting speed?	2 to 3 buffs per 20 seconds, depending on material thickness and wheel diameter.
Is knife sharpening automatic?	Yes, the machine has auto/manual knife sharpening with two motors and an adjustment rack.
What is the lead time?	5 to 15 workdays if in stock, otherwise 15 to 60 workdays depending on quantity and model.
What are the payment terms?	Orders up to 10000 USD are 100% in advance. Above 10000 USD it is 30% T/T deposit with the balance before shipment.