

CRA-800 Bias Airway Buffs Ventilated Sisal Buffs Forming Machine (OD 200-600 mm)

The CRA-800 forms bias airway buffing wheels, also known as ventilated sisal buffs, airflow buffs, or bias airway buffs, with outer diameters from 200 mm to 600 mm. It takes prepared bias fabric or sisal and an iron claw or iron plate, then folds, indexes, and clamps the material into a finished wheel body. One operator runs the machine. It is the forming step in a four-machine production line: bias cutting on the CRA-500, forming here, pressing on the CRA-600, and edge trimming on the CRA-700.

Specifications

Model	800 Airway Buffing Wheel Making Machine
Machine Size	2.8 m x 1.8 m x 1.6 m
Voltage	380 V three phase four wire, customisable
Power	6 kW
RPM of Batching	Adjustable
Max Buff Diameter	600 mm
Min Buff Diameter	200 mm
Finishing Pressure	7 MPa
Moulding Press	7 MPa
Max Output	5000 pieces per day

Key Benefits

- One operator replaces a bench of hand workers on the forming step
- Covers the 200 to 600 mm diameter range used in most industrial buffing applications
- Runs soft untreated fabric and resin treated fabric or sisal on the same machine
- Rated output up to 5000 pieces per day under full shift operation
- Accepts 2 inch, 2.5 inch, and 5 inch iron claws and round or hexagon hole iron plates
- Control interface and machine language are in English, matching the operator manual

Materials It Runs

- Soft untreated cotton fabric
- Resin treated fabric in yellow, blue, green or red
- Sisal cloth and sisal stitched with cloth
- Iron claw centres in 2 inch, 2.5 inch and 5 inch
- Iron plate centres with round hole or hexagon hole

Frequently Asked Questions

What diameter of airway buffs can this machine make? From 200 mm to 600 mm outer diameter. For 100 to 250 mm wheels, use the CRA-300 iris machine instead.

How many people are needed to run it? One operator. The clamping, indexing, and trimming are handled by the machine's hydraulic and control system.

What is the daily output? Up to 5000 pieces per day at maximum rate. Real output depends on diameter, ply count, and material type.

Do I need other machines to make a finished buff? Bias fabric preparation comes before forming, and pressing and edge cutting come after. We supply the CRA-500, CRA-600, and CRA-700 for those steps.

What is the lead time? 5 to 15 workdays if the machine is 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.
Can you test my own fabric before I buy?	Yes, free sample testing is available. You cover freight and send the specific material you plan to run.