

## COMBING MACHINE LANA SPECIAL



A special machine for finish-combing long-haired wild furs like fox, beaver, nutria, raccoon, etc. with **one** combing drum, covered with card clothing.

Furs pass towards the combing drum through 2 continuously variable feeding rollers. The furs are being combed and opened, and run out in front of the machine, below the feeding table.

Depending on the desired combing effect and the degree of felting, the skins may be pressed towards the combing drum, in a more or less strong way, by a rotating brush. The combing effect may be modified by means of the continuously variable feeding speed. In order to prevent fox tails from being torn off, the upper feeding roller may be lifted pneumatically through a foot pedal.

The built-in cleaning drum facilitates the cleaning of the combing drum.

A suitable single suction device, to suck off the combing dust, is strongly recommended.

Capacity: approx. 150 - 250 fox skins per hour

Technical data:

**LANA SPECIAL 120 cms:**

combing motor	1,5 kW - 250 rpm
cleaning motor	1,5 kW - 1500 rpm
suction device	3 kW - 3000 rpm
feeding motor	0,18 kW
continuous	23 rpm with frequency inverter
combing drum total dia.	310 mms
combing drum speed	approx. 250 rpm
cleaning drum total dia.	105 mms
cleaning drum speed	approx. 490 rpm
feeding speed	approx. 1 – 6 m/min.
feeding rollers dia.	55 mms
2 pneumatic cylinders	Ø 40 x 50 stroke
compressed air	6 bar
pressure brush	Ø 100 mms
space required without single suction device	min. 190 x 120 cms

Dimensions of machine (without single suction device):

width:	180 cms
depth:	90 cms
height:	100 cms
weight:	gross approx. 650 kgs, net approx. 450 kgs

Connected load: approx. 6,2 kW, 400 volts, 3 phase

Subject to technical modifications