

- EFFECTIVE BALE PLUCKING
- NO MATERIAL LEFT ON THE GROUND
- HIGH PRODUCTIVITY (UP TO 1,600 Kg/h)
- HIGH RELIABILITY
- EASY SETTING

Opening Section / Superblender B12

High production & complete automation



Superblender B12 outcomes:

- Very small flocks thanks to 2 beaters, each with 254 tips, and to 2 moveable conveying rollers that control the material during plucking;
- smooth and continuous material plucking all the way down to the floor thanks to the free and upright movement of the detacher and to the moveable conveying rollers;
- high reliability and safety.

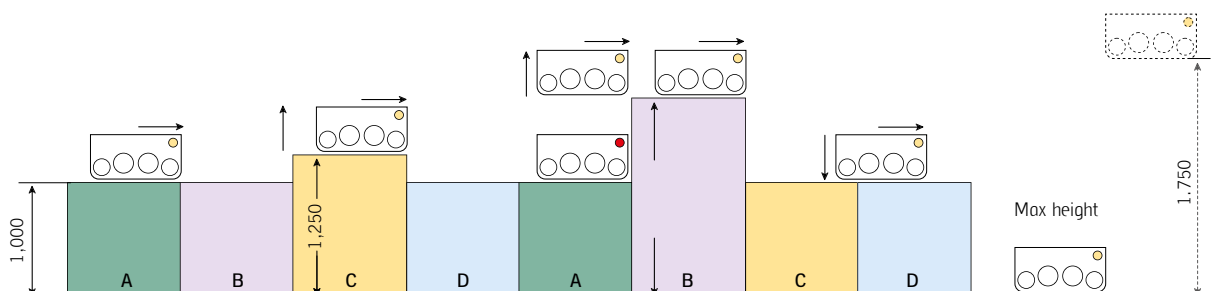
High and flexible production

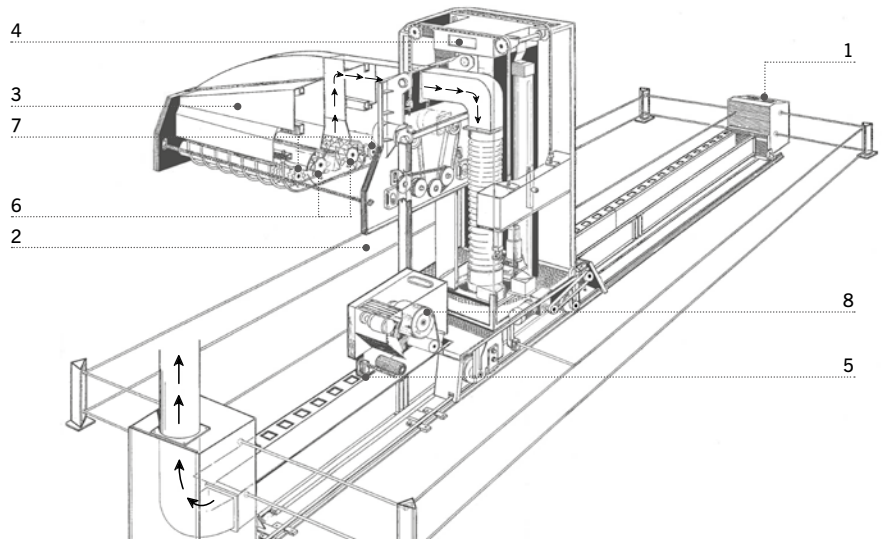
The B12 Superblender is Marzoli's bale plucker. It can process various assortments of cotton or man-made fibers. The maximum production, of a B12 Superblender feeding one Blowroom line and with a detacher working width of 2,250 mm, is 1,600 Kg/h (depending on the processed fiber). The detacher follows freely the contour

of the lay down and plucks the raw material all the way down to the floor, leaving no material lying on the ground thanks to the moveable conveying rollers.

Technical description | Legend

- Photocell
- Photocell activated, detacher stops and moves upwards





Machine description | Legend

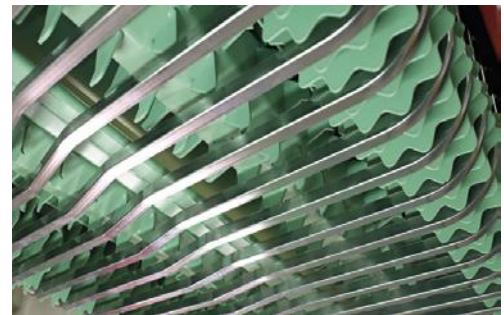
- 1 Driving panel
- 2 Bale lay-down area
- 3 Detacher (1,700 mm or 2,250 mm)
- 4 Automatic rotating tower
- 5 Duct for material transportation
- 6 Two plucking rolls
- 7 Two vertically-moving conveying rollers
- 8 Conveying winding roller

Automatic production adjustment

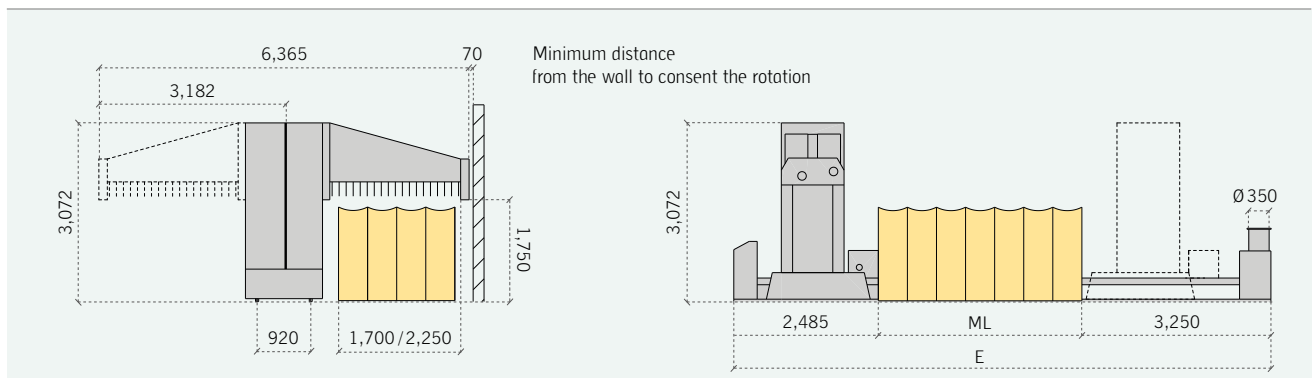
A unique feature of the Marzoli bale plucker is the movable grid driven by linear transducers and controlled by sensors. Thanks to the grid's vertical movement, the bale plucker automatically modifies the degree of blades penetration inside the bales.

The height of the grid and consequently the blade penetration and the production of the B12 are automatically adjusted according to:

- the height of the bales, so that all bales are leveled at the same height.
- the amount of material inside the mixer: a pressure switch, located on the mixer, acts directly on the B12's grid to increase its production when the material inside the mixer goes down, and vice versa.



Technical data



Processed raw material	Cotton, man-made fibers up to 65 mm (2 1/2")
Feeding one blowroom line	B12 - 1,700 up to 1,100 kg/h B12 - 2,250 up to 1,600 kg/h
Feeding two blowroom line	B12 - 1,700 up to 800 kg/h B12 - 2,250 up to 1,100 kg/h
Installed power	Production depending on the processed fibers B12 - 1,700 7.92 total kW B12 - 2,250 9.92 total kW
Space available for bales	ML= E - 5,735 mm
No. of bales each side for single line (according to bales dimensions):	
- wide carriage	(ML/B) x 1.5 or (ML/L) x 3
- small carriage	(ML/B) or (ML/L) x 2
Duct length	E 11.13 - 46.13 m in steps of 2.5 m
Net weight	B12 - 1,700 kg 3,500 B12 - 2,250 kg 3,700 Approx. 90 kg/m (for variable longitudinal parts)
Power Consumption to process 100 kg of raw material	0.68 kW