



Coco Block Debaler CBD10

Coco coir is used more and more in the Horticultural business. Some refer to this product as coconut coir, coir pith or coco peat. Due to the importance of the shipping costs the Coir is compressed into blocks. The Coco Block Debaler (CBD10) has been developed to break compressed coir blocks, bales or slabs apart.

All the material goes through a sizing screen (size can be determined by customer).
To bring the coir back into a voluminous

product, we add the water on the exit of the machine through water bars in the auger. After this treatment the material is ready to be used.

The CBD10 has been successfully used with compression ratios of 4:1 all the way up to 10:1. Due to the design the CBD10 gently debales the blocks apart with minimum damage to the fibers. Unlike hammer mills that use high RPM the CBD10 moves the block material in a figure eight cycle that gently rubs the blocks apart. The process is gentle and simply rubs the coir apart in a dry state.



The Coco Block Debaler CBD10

The CBD10 will process one (1) ton of compressed raw material in about 45 minutes. This will generate around twelve (12) cubic meters of ready to be used product.

The CBD10 will work best when the body is full. An infeed system can be used to keep the CBD10 at a maximum output.

It is also possible to build an automatic loading unit so that a complete pallet can be fed into the CBD10. This will reduce the labor costs.

We can supply an incline conveyor to stockpile your processed coir.



Technical Specifications

Electricity	400V / 3-phase / 50Hz
Measurements	Approx. 4.40 x 2.25 x 2.10 m
Water usage	Approx. 40L / min
Weight	Approx. 2 tons