

Densimetric Separators

Separation by Density Differences



The Rollier Densimetric Table Model Morrisfeed

The Densimetric Table is a combination of fluid bed technology and inclined vibration table. The injected air floats the lighter density particles, while the vibrating table transports upward the table the heavier particles.

The Rollier Densimetric Table is particularly useful in separating:

- Compost—Glass and Stones Removal
- Slag/Mineral Separation
- Metals/Plastic separation—Chopped wire for example
- Woods and Plastics
- Shredded tires and extracted wire
- Grape Marc and Seeds (waste from wine making)



The Rollier Morrisfeed Densimetric Table is a fluid bed and vibrated table combination. The injected air creates a bed of particles that, by density and vibration, moves towards opposite sides, depending on the apparent weight or apparent density. This allows that material of different densities and granulometries to be separated.

The Morrisfeed Densimetric Table works with two fans controlled by frequency converters (VFD's), integrated in the electric control cabinet. This creates an air flow that goes through a vibrating table that is fed with the material to separate, throwing the heavy particles to one side and the light particles to the other side.

Particularly useful in cleaning compost, removal of seeds from grape marc (waste from wine making), removal of metals or foreign materials from plastics, separation of slag from metals, and removal of wire from shredded and ground tires.

Fines recovery by cyclone, dust collector or combination of both. Feed to the unit can be by conveyor or vibratory feeder.

Available in 7 models with table widths from 500 to 2400 mm and lengths of 1350 mm.

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Models available Rolier Morrisfeed Densimetric Table:

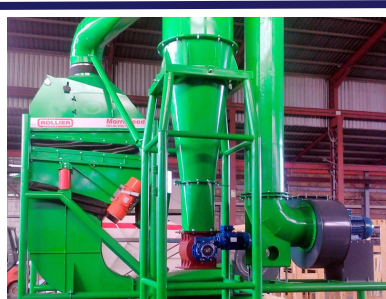
Model	Width (mm)	Length (mm)
MD500	500	1350
MD700	700	1350
MD1000	1000	1350
MD1200	1200	1350
MD1500	1500	1350
MD2000	2000	1350
MD2400	2400	1350



Rocks, Stones, & glass Removed



Cleaned Compost



Separation Experts LLC

+1 513.536.6622 | www.separationexperts.com | info@separationexperts.com