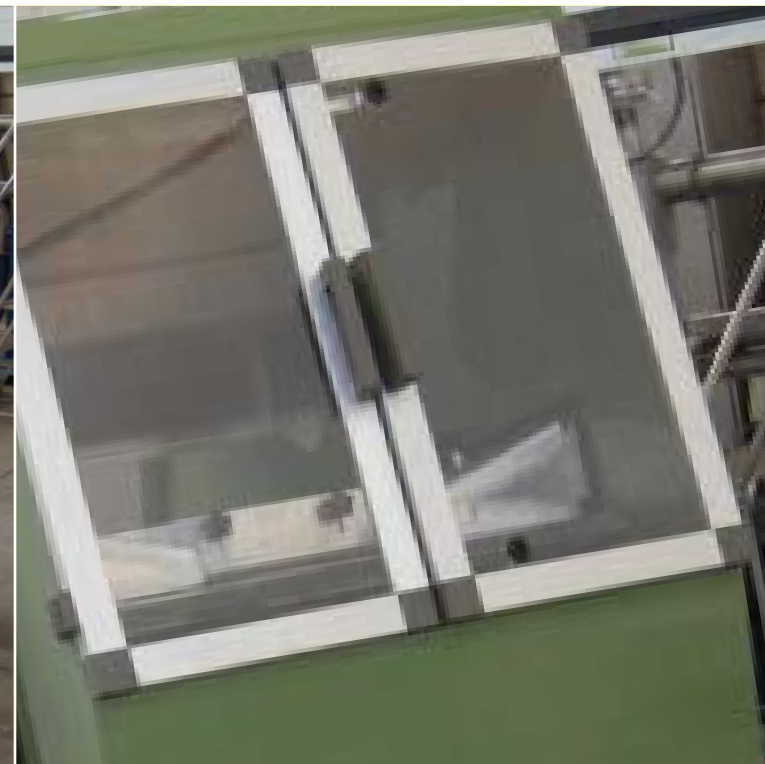




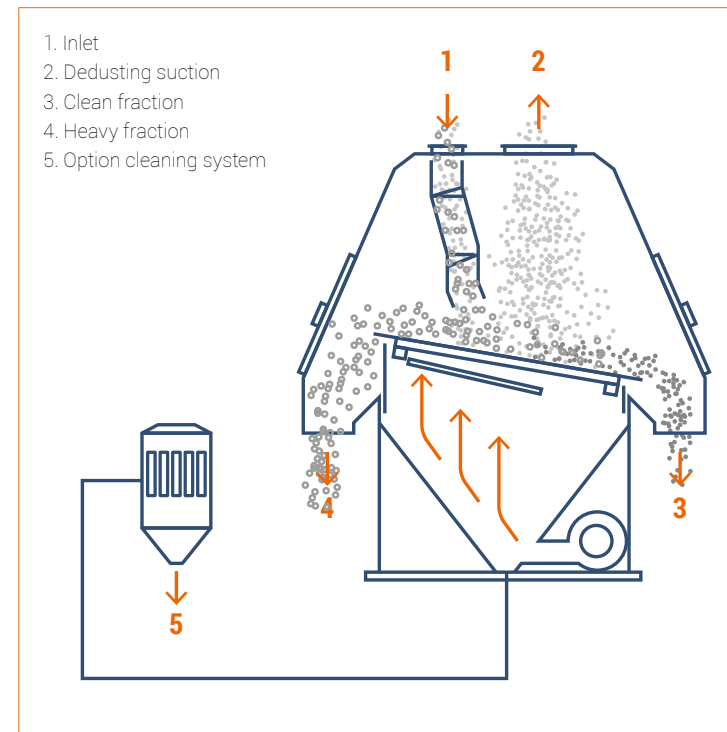
DENSIMETRIC SEPARATOR

www.instalmec.it

 ENGLISH



Densimetric Separator



The Densimetric Separator is the ideal machine to carefully separate the wood particles from contaminants such as sand, pebbles, small pieces of plastic, rubber, glass, etc.

The operating principle of the Densimetric Separator is based on the combined effect of an oscillatory vibration applied to an inclined board with an evenly distributed air flow. This results in three fractions: clean wood particles, heavy contaminants (sand, stones, glass) and light contaminants (paper, plastic bags, etc..) which are sucked and discharged through a cyclone.

Advantages

- **Maximum recovery of wood**
- **Optimal removal of sand from wood dust**
- **Optimal removal of the heavy contaminants from recycled wood**
- **Easy and fast adjustment**
- **Absence of dust in the surrounding area thanks to an effective filtering system**



> Heavy pollutants



> Sand from dust

Model		TDS.1	TDS.2	TDS.2-Chips
Capacity	t/h*	0,5 - 1,0	1,0 - 2,0	2,0 - 3,0
Fractions	nr.	3	3	3
Electric-electronic board		Included	Included	Included
INSTALLED POWER				
M1 Fan	kW	2.2	4.0	5.5
M2 Oscillation	kW	0.75	0.75	0.75
M3 Inclination	kW	0.18	0.18	0.18
M4 Auxiliary device	kW	1.0	1.0	1.0
NEEDED SUCTIONS				
S1 Infeed clean air	m³/h*	2000 – 5000	4000 – 8000	8000 – 16000
S2 To the filter	m³/h*	2000 – 5000	4000 – 8000	8000 – 16000
OVERALL DIMENSIONS				
Length	mm	1415	2050	2050
Width	mm	1740	1820	1820
PHeight	mm	1870	2550	2550
Weight approx.	Kg	950	1350	1400

Not binding data. We reserve the right of modification at any time without prior notice. *According to the project parameters and lay out.

Delivering innovation respecting the environment



Instaltec S.r.l. a socio unico

Soggetta ad attività di direzione e coordinamento da parte di IPOEMA 76 FUNDUSZ

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