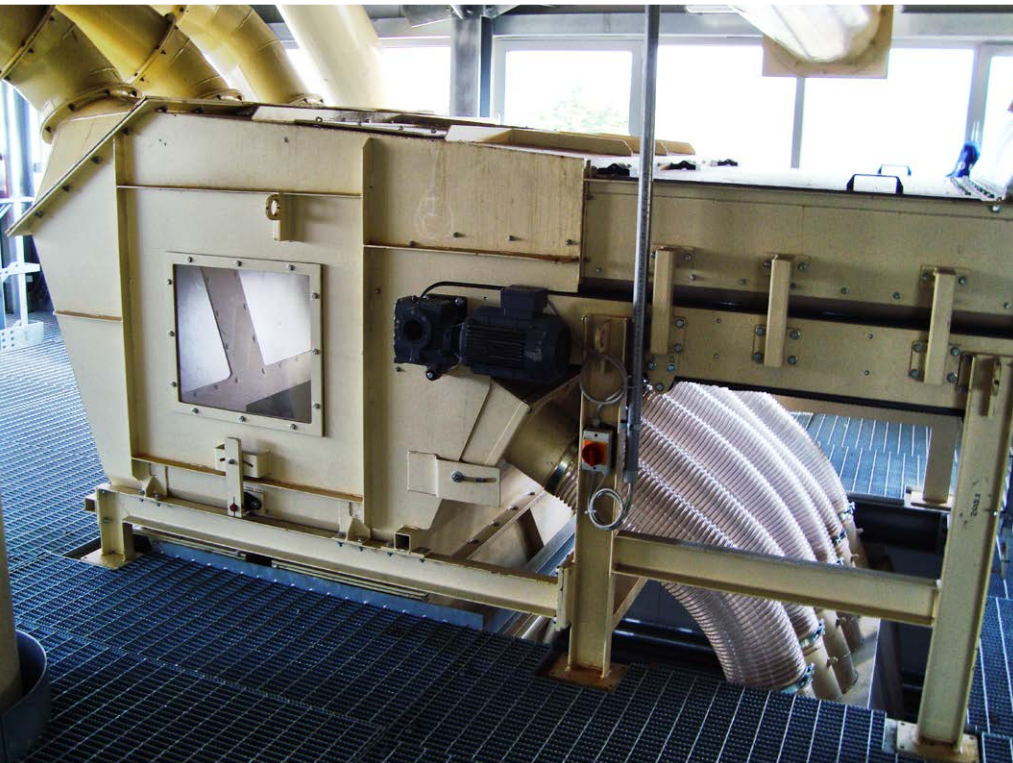


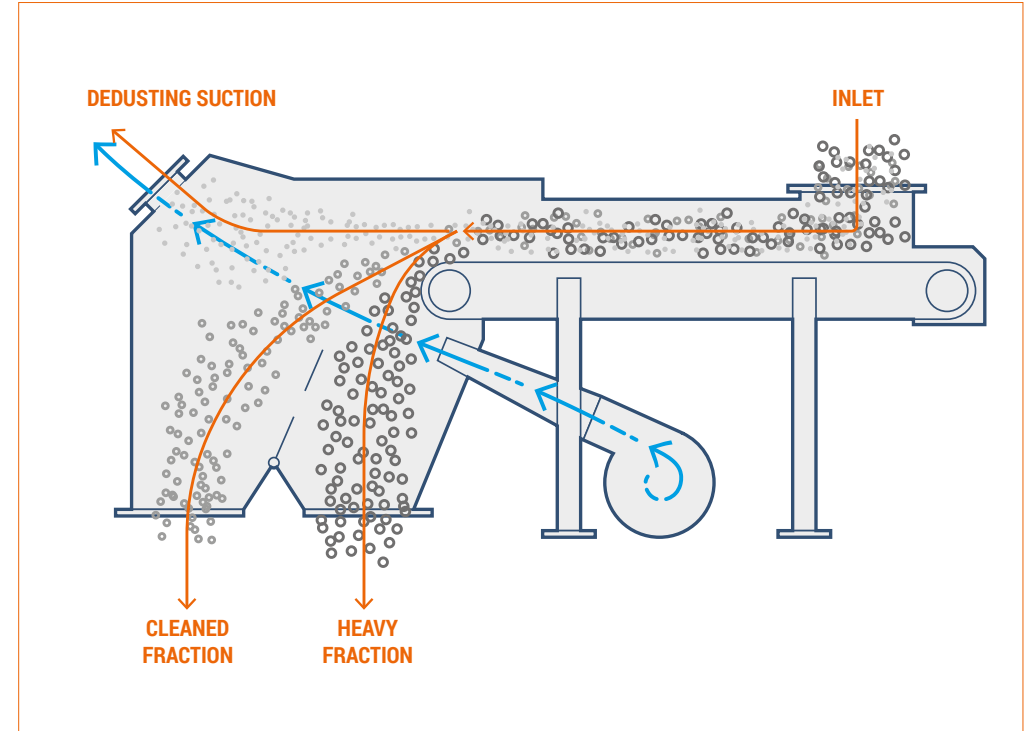


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# KINETIC SEPARATOR

 ENGLISH





The separation occurs thanks to the suspension within an air flow of the lighter materials, together with the kinetic effect of the conveyor belt. Heavier polluting bodies fall down due to the gravity effect and are discarded, whereas lighter pollutants are suspended in air and separated from the cleaned wooden chips. Three fractions are obtained after separation: clean wood chips, heavy pollutants, light contaminants (sand, paper, cellophane, polystyrene).

The kinetic separator is often associated with a dust aspiration system.

## Advantages

- **Effective separation of heavy pollutants from the wood chips**
- **Easy regulation of the separator achieved through inverters**
- **Velocity of the belt and intensity of the air flow are easily adjustable**
- **Low energy consumption thanks to the inverters that drive the belt and the fan.**



## Recycled wood



> Rejects from Macrochips

> Rejects from Microchips

## Virgin wood



<b>KINETIC SEPARATORS RANGE</b>				
<b>Type</b>		<b>KS-80</b>	<b>KS-100</b>	<b>KS-150</b>
Capacity	<b>m³/h</b>	80	100	150
<b>INSTALLED POWER</b>				
Belt conveyor	<b>kW</b>	1,5	2,2	3,0
Main fan	<b>kW</b>	30,0	37,0	45,0
Rotary valve	<b>kW</b>	1,5	2,2	2,2
Cyclone	<b>DN</b>	1400	1600	1800
Exhaust air	<b>m³/h</b>	3000	4000	5000
<b>OVERALL DIMENSION</b>				
Length	<b>mm</b>	3900	3900	3900
Width	<b>mm</b>	2000	2300	2800
Height	<b>mm</b>	1700	1700	1700

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* 



**Instalmec S.r.l. a socio unico**

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

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