WIND SIFTER – DOUBLE MACHINES

TECHNICAL FEATURES
• Classifying chamber complete with: infeed system – horizontal fluidizing screen – comb system for moving thick particles and improving separation of heavy pollutants – zigzag channels – suction hopper connected to the cyclone – outfeed device for rejected particles – discharge system for heavy pollutants • Fan • Cyclone for accepted particles • AF - Fire extinguishing system • AE - Explosion protection system.

BENEFITS
• High efficiency in classification • The turbulence generated by the zigzag channels ensures the thick-large (jumbo) particles to drop (that are improperly sucked and classified as accepts by other selectors) • Selection limit freely adjustable • Unbeatable removal of heavy pollutants • Highly reliable • Low maintenance.
1 = POLLUTED PARTICLES
2 = ACCEPTS, CLEANED THIN PARTICLES
3 = REJECTS, THICK PARTICLES
4 = SAND / HEAVY POLLUTANTS
5 = EXHAUST AIR
M1 = FEEDING SCREW
M2 = ROTARY VALVE IN
M3 = ROTARY VALVE REJECT EXTRACTION
M4 = FAN DRIVE
M5 = ROTARY VALVE OUT
M6 = ROTARY VALVE SAND EXTRACTION
M7 = COMBS ROTATION
M8 = COMBS OSCILLATOR

Cyclone and pipe have to be sized and located according to the process data for processed material and outfeed position.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>CAPACITY t/h</th>
<th>INSTALLED POWER kW</th>
<th>EXHAUST AIR m³/h</th>
<th>WEIGHT* APPROX. kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>WS.10,6</td>
<td>19.1 31.8 38.2 37.1</td>
<td>2 x 4.0 2 x 4.0 2 x 3.0</td>
<td>Information available according to processed material and cone distance.</td>
<td>Information available according to processed material.</td>
</tr>
<tr>
<td>WS.12,4</td>
<td>22.3 37.2 44.6 43.4</td>
<td>2 x 5.5 2 x 7.5 2 x 3.0</td>
<td>Information available according to processed material</td>
<td>Information available according to processed material.</td>
</tr>
<tr>
<td>WS.15,0</td>
<td>27.0 45.0 54.0 52.5</td>
<td>2 x 5.5 2 x 7.5 2 x 4.0</td>
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<td>Information available according to processed material.</td>
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<tr>
<td>WS.16,6</td>
<td>29.9 49.8 59.8 58.1</td>
<td>2 x 5.5 2 x 7.5 2 x 4.0</td>
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<td>Information available according to processed material.</td>
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<tr>
<td>WS.18,0</td>
<td>32.4 54.0 64.8 63.0</td>
<td>2 x 5.5 2 x 7.5 2 x 4.0</td>
<td>Information available according to processed material</td>
<td>Information available according to processed material.</td>
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<tr>
<td>WS.20,0</td>
<td>36.0 60.0 72.0 70.0</td>
<td>2 x 5.5 2 x 9.2 2 x 4.0</td>
<td>Information available according to processed material</td>
<td>Information available according to processed material.</td>
</tr>
</tbody>
</table>

*Weight without piping and cyclone