WEKO K-V POWDER SCATTERING

WEKO offers a unique range of precise powder systems for functional finishing of all kinds of adherent web materials.

Convincing factors are the extremely even and minimal powder application that guaranty a high quality and reliable product quality.

In addition WEKO K-V powder application unit, allows you to minimize contamination of the environment by high flexibility of usable powder types. Essential for manufacturing sites in the food industries, medical and hygiene.

Please ask also for our WEKO K-III or K-VII Powder Scattering System.
Principle of the WEKO powder scattering system:

Powder is distributed from the chamber to the individual designed dosing roller. A metal doctor blade controls the even quality of the powder which is used for the spray.

When the powder on the roller comes close to Discharge cable, the powder falls away from the roller by electric action of corona discharge with 7000V. This system does not need compressed air. K-V has two anti-scattering rollers under the powder spraying unit. The limited space among these 3 rollers and the web prevents powder from spreading into the air. This structure improves the efficiency of powder application.

Option: Powder exhausting

Benefits of K-V:

→ High flexibility in powder types
→ More productivity
→ Even application
→ Less contamination to environment through special design

Examples of available powder:

<table>
<thead>
<tr>
<th>Powder</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>starch</td>
<td>plastic film / sheet</td>
</tr>
<tr>
<td>resin</td>
<td>laminated glass</td>
</tr>
<tr>
<td>carbon</td>
<td>nonwoven</td>
</tr>
<tr>
<td>talcum</td>
<td>rubber</td>
</tr>
<tr>
<td>calcium carbonate</td>
<td>textile</td>
</tr>
<tr>
<td>sodium bicarbonate</td>
<td>carbon fiber</td>
</tr>
</tbody>
</table>

Please ask also for our WEKO K-III or K-VII Powder Scattering System.

For applications such as:

→ PET cast extrusion
→ Flexible film packaging
→ Rubber belt lines
→ Any kind of Antiblock

→ Multilayer cast- and blow film extrusion
→ Shrink bag machines
→ Glass industry