

TechnoPartner Samtronic

Coating by Scattering Technology

NEW DEVELOPMENT “Scattering Machine for fibres with a brush-off roller”



Application:

- Automotive industry
- Textile industry
- Recycling industry
- Construction industry

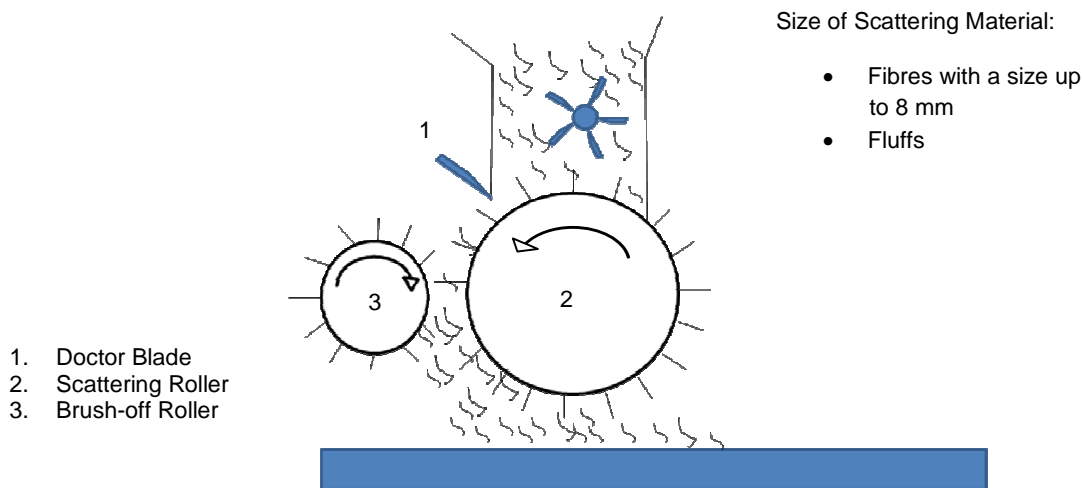
Decisive Advantage:

- *New developed agitator for the uniform distribution of the fibers in the hopper*
- *Doctor blade with adjustable segments*
- *Optimized scattering roller design to hold the fibers*
- *Reversible rotation of the brush-off roller*
- *Easy and optimum adjustment of the distance between brush and scattering roller with digital position display.*
- *Easy change of the brush roller due to a shell clamping device. Distance to the scattering roller remains unchanged.*

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Principle of Function

Either with a suction or feed screw device the material is conveyed to a hopper with vertical sidewalls. The fibre material is evenly distributed inside the feeding hopper and the level is kept constant during the scattering process. For scattering materials which tend to bridge due to their flow properties an agitator has been installed. The fibre material is taken up by the metering roller (scattering roller) and stripped at a rigid doctor blade. A specially designed agitator which is mounted above the scattering roller keeps the material moving and feed the material to the doctor blade. A counter rotating brush roller cleans the scattering roller and deposits the material onto the substrate or conveyor underneath.



- **All scattering machines are available in different sizes and capacities.**
- **Scattering machines can be supplied with vertical and horizontal transfer system for easy cleaning and maintenance work.**



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