



Powerline Powderscattering



**The Power of
Powder**



Reliant Machinery Limited

*For Over 55 Years Laminating a
Strong Bond With Our Customers*





Powerline Powderscattering



Reliant's Powerline powder scattering coater system offers a highly accurate and controllable process for the application of powdered adhesives and other materials.

The equipment can handle the full range of powder micron sizes and options are available for different specifications of process or powder / fiber distribution.

The range provides a clean and easy to use process which can offer considerable production cost benefits.

Units can be supplied for stand-alone powder scattering or integrated as part of a laminating line.

Additional (infra-red) heating can be placed for easy (pre) coating, increase of process speed or lamination of delicate or thick materials.

Multiple powder scattering heads can be used in line and can be mounted on rails to give flexibility to production layouts.



Powerline Powderscattering

- Available roller widths (mm) : 600, 1200, 1800, 2200, 2500, 2800, 3000,
- Usable working width (mm) : 400-3000mm
(easy adjustable width by side plates control)
- Conveyer Belt speed range : 2-20 LM / Minute
- Powder size range : 50-800 Micron (adapted to different particle sizes)
- Powder coating weight : 3-1000 gr/m²
- Powder reservoir capacity : 120 Liter / meter width

- Automatic feeding systems available
- High scatter accuracy in weight and uniformity (Oscillating brushes)
- PLC control on machine or separate available
- Anti Static systems available
- Recycling of waste powder
- Adapted to thermo – plastic adhesives, Crosslinking, Epoxy, PLA-Bio composite,

