



Cygnet Texkimp's Powder Scatter system is most commonly used to apply and fuse a thermoplastic powder to a fabric substrate – typically glass or carbon to create a thermoplastic prepreg or similar product.

The design of this machine draws on Cygnet Texkimp's expertise in process control and fibre handling to deliver extremely accurate and uniform dispersion of the powder, which is critical in manufacturing the highest quality product.

For more information, contact us:

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Typical specification:

- Suitable for thermoplastic Prepreg
- Fabric unwind and splice table
- Precision powder scatter head
- Infrared heating unit
- Zoned heating control to compensate for edge effects
- Closed loop temperature control
- Poly unwind and lamination nip
- Cooling roll stack
- Slitting and edge trim
- Centre driven rewind

POWDER SCATTER

Typical parameters:

Process	1 to 25m/min
Product Width	Up to 1.8 metres
Coat Weights	5gsm to 200gsm
Materials	Woven/stitched non-crimp Carbon, Glass, Carbon/Glass combined fabrics
Resin Powder	PE, PP and PPE Thermoplastic