

## **TURBOFLOCKER** **FLOCK SPRAYING EQUIPMENT**



*The flocking of objects which have deep recesses or sharp angles has always created problems for flock coaters.*

*This is the result of the Faraday Cage effect where the electrostatically charged fibres are attracted to the nearest earthed surface which stops them reaching into cavities.*

*To overcome this problem a pneumatic or blown electrostatic flocking system is required.*

*The Turboflocker is a blown electrostatic system that delivers an easily adjustable steady stream of charged flock. It is suitable for flocking into profiles and pockets in addition to external surfaces.*

*The standard system comes complete and ready to go. The process parameters can be set very quickly. An optional hand held hopper for electrostatic only applications is available.*

### **TURBOFLOCKER SPECIFICATION**

- *The system consists of the main process unit and applicator gun.*
- *The main process unit is self contained and mounted on sturdy locking castors.*
- *The flock hopper unit holds up to 6kg of flock, but will successfully operate with as little as 100gm of flock.*
- *The high voltage generator has a fully adjustable output of up to 80kV. The generator will supply up to 240uA.*
- *The flock delivery unit sieves the flock before delivering it to the gun via the delivery hose. Different sieve sizes are available to suit the flock length used.*
- *The automatic stirrer ensures uninterrupted flock flow to the sieve.*
- *Independent controls allow the flock delivery, air flow and electrostatic charge to be adjusted to suit the application and required work rate.*
- *A selection of nozzles is available for the gun to facilitate differing spray patterns to suit various applications.*
- *The flock hopper and panels are manufactured from stainless steel.*
- *The main unit allows non blown hand held applicators or flock chambers to be connected to the generator.*
- *The main process unit measures 800W x 600D x 900T and is available for 110V or 220/240V operation.*