

**POWDER KITCHEN SYSTEM**  
**SCOPE OF SUPPLY**

a) Powder feed system – Hopper (already quoted for in Automatic system)	---
b) Exhaust system, with ventilation and cartridge filters	1 Set
c) Work station consisting of: powder container injector pump unit Powder Siever with electric vibrator & Mini cyclone Pneumatic - cylinder to lift the injector unit Main Powder injector pumps, level probe and fluidization Automatic exhaust of the suction tubes and the injector pumps Inbuilt Control panel for automatic powder recirculation and powder cleaning process	1 Set
d) Re-feeder unit vibrator	1 Set
e) Re-feeder unit recirculation pump	2 Nos.
f) Complete set of Cables, Hoses & Accessories for startup.	1 Set.
g) Fresh Powder Bin – Powder coated Steel with recirculation pump	1 Set.

**PNEUMATIC DATA**

Maximum input pressure	10 bar
Optimum input pressure	6 bar
Maximum water vapour content in compressed air	1.3 g/Nm <sup>3</sup>
Maximum oil vapour content in compressed air	0.1 ppm
Maximum Compressed air consumption	300m <sup>3</sup> / hr
Air Exhaust Unit	Air Vol Approx 3000 m <sup>3</sup> / hr
Powder Transport	Conveying performance 160 Kg/Hr

**ELECTRICAL DATA**

Three phase AC power	415V
Frequency	50 / 60 Hz.
Connected loads	3.5 KW Max.
Protection	IP 54