Macawber
An ISO 9001 Company

CASE STUDY

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B. F. Goodrich of Louisville, Kentucky has relied on Macawber Engineering for its pneumatic conveying needs for over fourteen years. B. F. Goodrich has installed a total of nine Macawber Denseveyor Systems since 1984, handling various PVC powders.

MATERIAL CHARACTERISTICS

Material	CPVC Resin Powder
Bulk Density	30 lb/cu ft
Size	200 Micron
Temperature	Ambient
Moisture Content	Zero
Condition	Moderately Cohesive Powder

SYSTEM OBJECTIVES

System design requirements were:

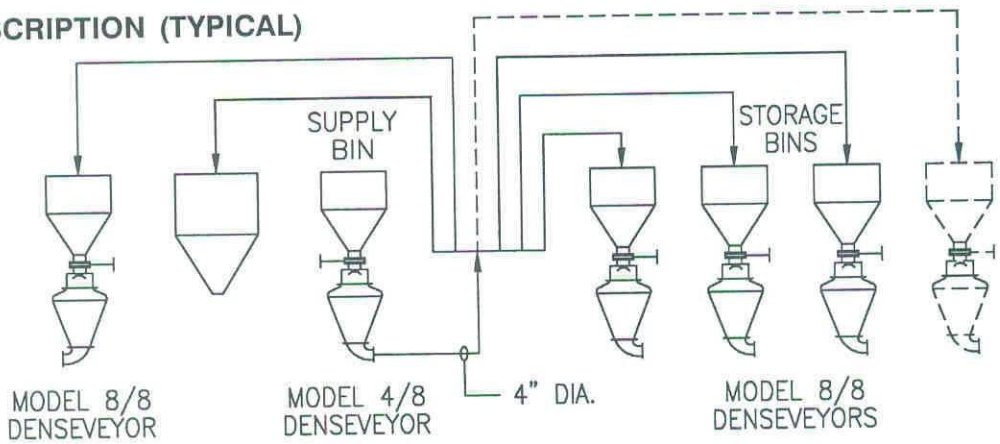
1) Minimum degradation of product.
2) Reliable, low maintenance operation.
3) Minimize air consumption

SYSTEM PERFORMANCE

Transfer Capacity	10 t/hr per system
Conveying Distance	370 ft
Number of Receptions	See sketch below
Air Consumption	160 scfm per system

- Gentle, low velocity resulted in virtually no degradation of the product.
- Pipeline Boosters not required.
- Vessel filled using the unique Macawber Dome Valve - One million cycles between inspections and maintenance free (no lubrication needed).
- Compact design and low profile provides for fast, easy installation.
- Denseveyor is completely factory assembled, functionally tested prior to shipping and ready for start-up.

SYSTEM DESCRIPTION (TYPICAL)



B.F. GOODRICH DENSEVEYOR SYSTEMS