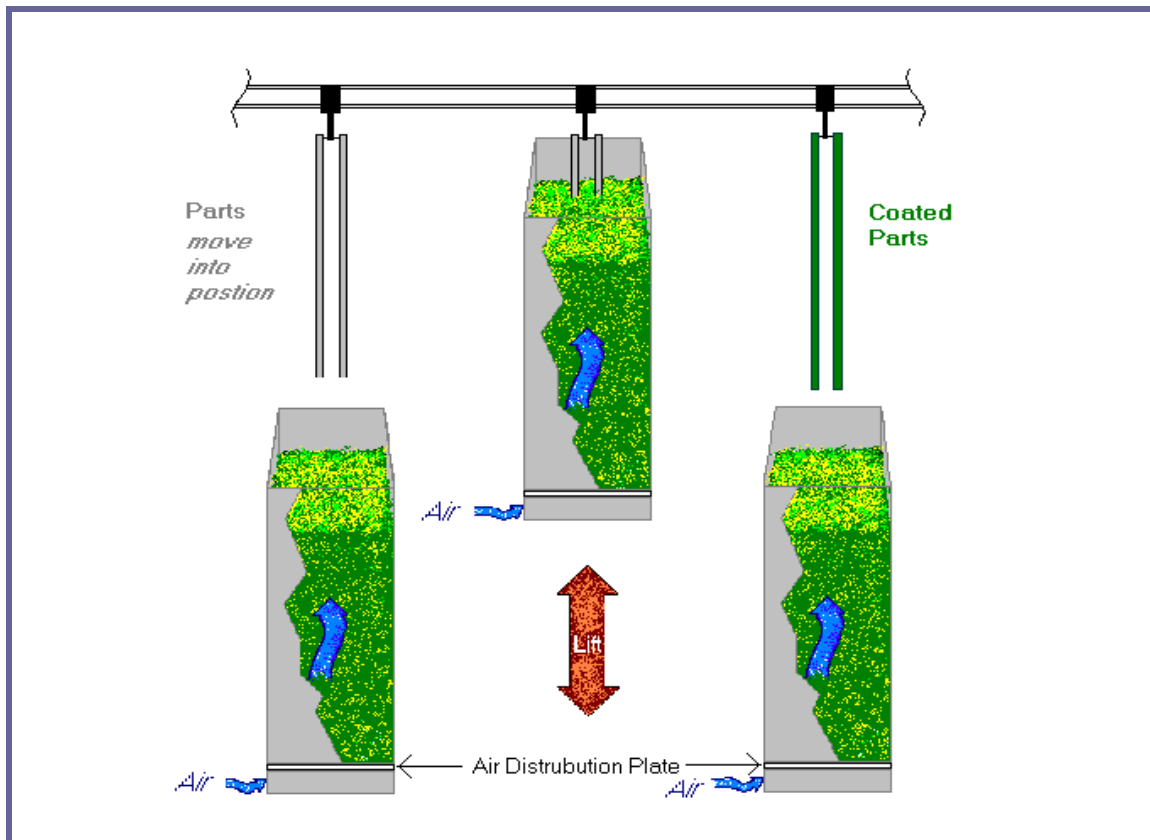


Fluid-Bed Powder Coater



Fluidized beds apply thermoplastic coatings on metallic surfaces for protection from many corrosive environments.

Coating Cycle

1. Metal part is preheated
2. Part moves into position over fluidized bed
3. Fluidized bed raises to coat heated part (5 ft/s)
4. Fluid bed moves down (5 ft/s) to allow part to proceed on conveyer
5. Coated part moves to curing oven

Advantages of Moving Fluid Bed

- Minimizes time between preheat and coating cycles
- Minimum time reduces the part's heat loss
- Parts do not index
- Conveyer runs continuously
- Can be installed on existing electrostatic coating line
- Accommodate large parts (8'x10')

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