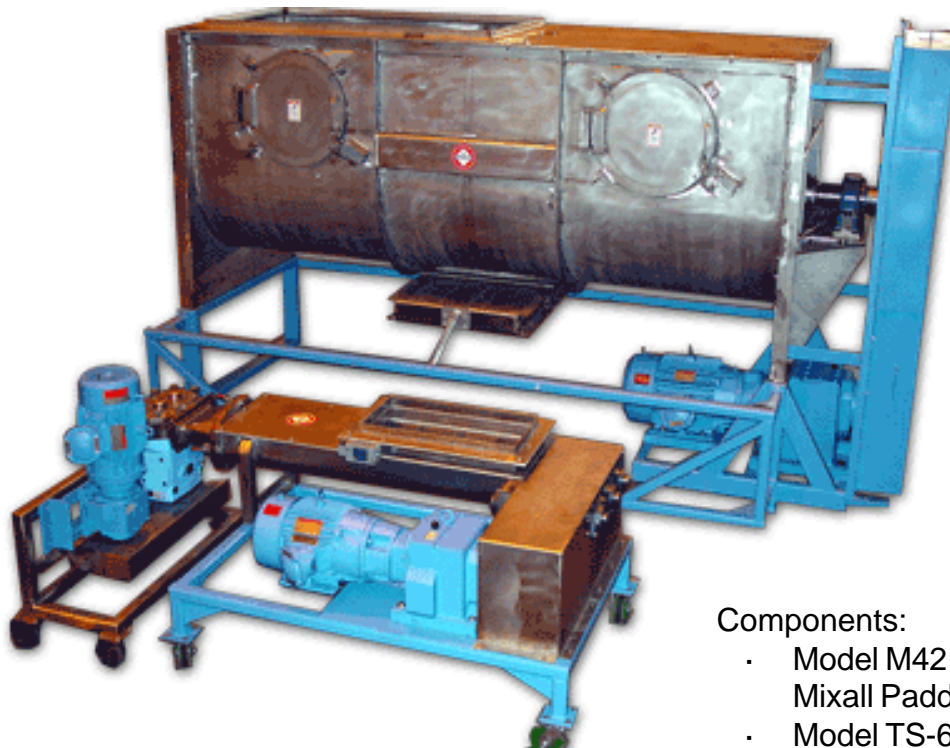


## CASE STUDY - PIGMENTS DRYER FEEDING SYSTEM

A manufacturer of pigments was having difficulty achieving a consistent feed of the pigments to a dryer and contacted S. Howes for a solution. The main challenge to the system was the heavy and dense (45 lbs/cu) nature of the materials being transferred. S. Howes' solution started with a paddle mixer

which mixed and fed the materials to a screw conveyor which moved the product to a positive displacement pump before it was fed into the dryer. The system was able to handle the challenging materials and resulted in a more homogenous product being fed into the dryer at a more consistent and improved rate.



### Components:

- Model M4210 Horizontal Mixall Paddle Mixer
- Model TS-6C4 Horizontal Feed Screw Conveyor
- Positive Displacement Pump
- Load Cells for Batch Size Control

*Photos and drawings are not intended to show or suggest use or non-use of any operator protection systems*

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