MATERIAL DYNAMICS CAROLINAS, INC.

P.O. Box 1854

Davidson, NC 28036 www.mdcreps.com

Bruce Hafley

(980) 434-4790 bafley@mdcreps.com



Bulk Material Handling and Feeding Solutions





Feeding Technology

- Volumetric feeders
- · Gravimetric feeders
- · Weigh belt feeders
- Liquid feeders
- Strand pelletizers

Pneumatic Conveying

- Continuous systems
- Vacuum sequencing
- Rotary valves
- Filter receivers
- Hopper & bins
- Dilute & dense phase





- Slide gates
- Rolling blade gates
- Diverters single, double, bucket, basket,...
- Dustless loading spouts & chutes
- Clamshell single & duplex gates
- Fluidized conveyors
- Dust suppression

FormPak





- · Bulk bag unloaders
- · Bulk bag fillers
- Flexible screw conveyors

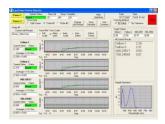






- Welded silos
- Storage tanks
- Hoppers
- ASME pressure vessels







Process Control Equipment

- In-line continuous real-time measurement
- Color, chemical composition, thickness of sheet/coatings for the plastics, chemical, food, paint, inks, environmental or pharmaceutical industries

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Sanitary Food Handling Processing

- Homogeneous belt conveyors
- Wire mesh conveyors
- Box/hopper dumpers & tippers
- · AIM merge-sort-switch
- Tabletop chain conveyors





- Tubing and piping
- Couplings
- Elbows
- Adapters
- Reducers







- Intermediate Bulk Containers (IBCs)
- Cone Valves
- Discharger Valves
- Tumble Blenders







- Shafted screw conveyors
- Shaftless screw conveyors
- Belt Conveyors
- Vertical screw conveyors
- Heat transfer screw processors
- Bucket elevators





- · Horizontal & vertical batch blenders
- Continuous blenders
- Bucket elevators
- Distributors
- Ribbon & paddle mixers







- Dryers
- Desiccant Dehumidifiers
- Magnets
- Grinders