



DUST CONTROL AND LOADING SYSTEMS, INC.



SERVICING THE WORLD'S BULK LOADING NEEDS

LOADING SPOUTS

LOADING SPOUT POSITIONERS

AERATION EQUIPMENT

SHUT-OFF VALVES

DIVERTER VALVES

DUST COLLECTION EQUIPMENT

BAG AND DRUM FILLING

PLANT AUTOMATION

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ECO-FRIENDLY

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Dust Control and Loading Systems Inc

COMPANY PROFILE

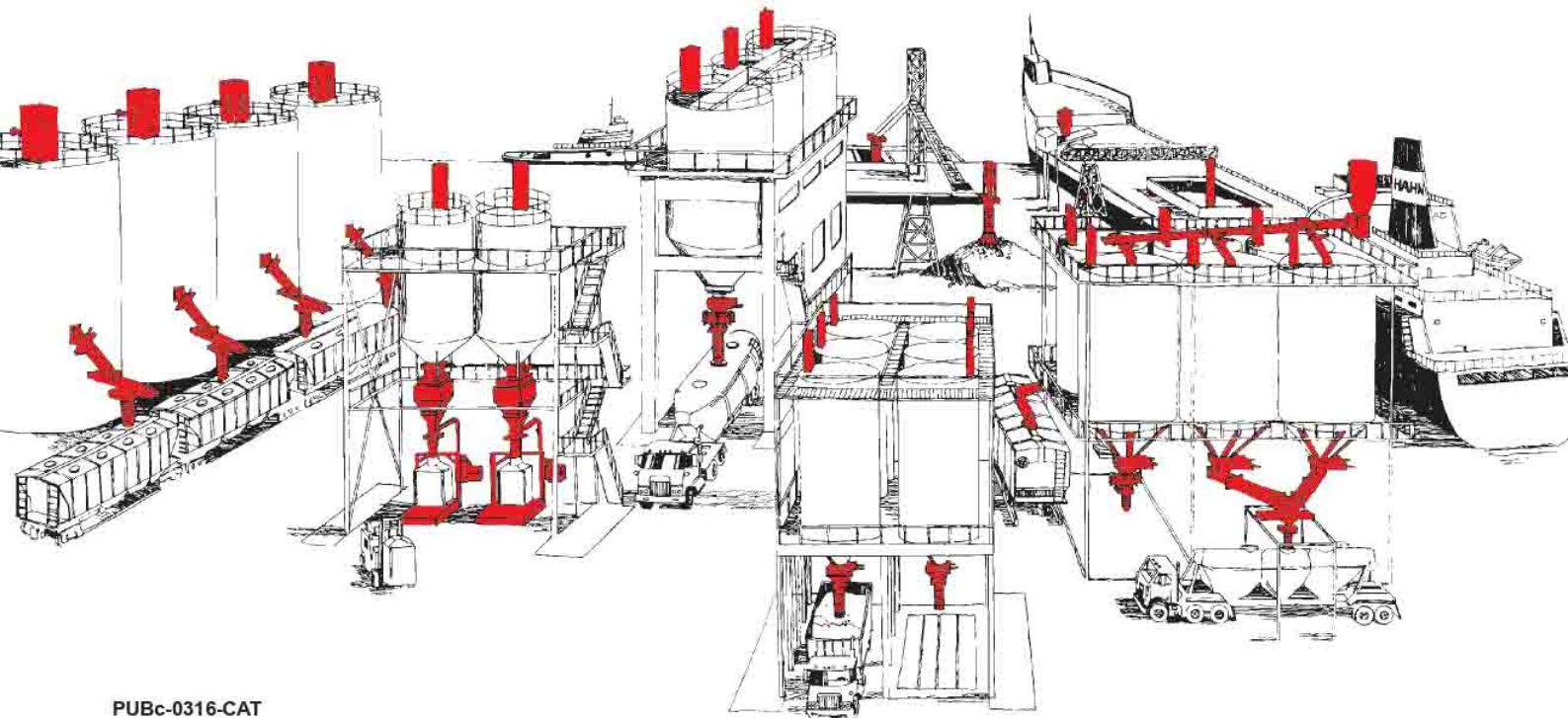
DCL, Inc. (Dust Control and Loading Systems) with corporate offices and manufacturing facilities located on the shores of Lake Michigan in Charlevoix, Michigan, U.S.A. DCL provides full dust control loading systems as well as partial components to the bulk material handling industry.

Seasoned veterans in Engineering and Manufacturing give the capabilities of designing custom systems or equipment to help meet particular needs. Involvement with companies, who deal in dry bulk materials from abrasive glass to toxic powder, chances are good that DCL is familiar with your needs. With a new state of the art manufacturing facility and warehousing capabilities that exceed 80,000 square feet, the ability to accommodate large projects and do in-house testing assures our customer of quality and functionality. Proven teams of Electrical Design Specialist are utilized in combining the right electrical functions for any industrial application. The use of PLC or computerized controls help to complete any DCL state of the art system.

DCL, provides a full product line that includes: Dust Free Loading Spouts, Spout Positioners, Horizontal and Vertical Slide Gates, Diverters, Triverters, Flow Control Valves, Air Gravity Conveyors, Silo Aeration, Dust Collectors, Bag and Drum Filling equipment, and Control packages. Individually or in full systems these components are available for modification, allowing for tailor made designs that can be created to fit with existing equipment or unique specifications. As specialists in load-out systems DCL is prepared to offer full turnkey solutions for Ship, Barge, Truck or Railcar loading.

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- **PRODUCT LINE OVERVIEW**
Page: 1-2
- **LOADING SPOUTS**
Page: 3
- **HEAVY DUTY LOADING SPOUTS**
Page: 4-6
- **LOADING SPOUT POSITIONERS**
Page: 7-8
- **AERATION EQUIPMENT**
Page: 9-12
- **SLIDE GATE VALVES**
Page: 13
- **CURVED BLADE VALVES**
Page: 14
- **TIPPING VALVES**
Page: 15
- **FLAT BLADE DIVERter VALVES**
Page: 16
- **CURVED BLADE DIVERter VALVES**
Page: 17
- **COMPACT FILTER MODULES**
Page: 18
- **VENTILATION MODULES**
Page: 19
- **DUST COLLECTORS & BIN VENTS**
Page: 20
- **BAG FILL STATIONS**
Page: 21
- **SYSTEM CONTROLS**
Page: 22
- **SMARTLOADER VISION SYSTEM**
Page: 23
- **CASE HISTORIES**
Page: 24-25
Page: 26-27



Product Line Overview

STANDARD DUTY LOADING SPOUTS

Application: Dry bulk material loading for enclosed or open trucks and railcars.
Specifications: Loading rates up to 500 STPH with travels up to 18'-0".

HEAVY DUTY LOADING SPOUTS

Application: Dry bulk material loading for ships, barges, and stockpiles.
Specifications: Loading rates up to 6,000 STPH with travels exceeding 100'-0".

SINGLE DIRECTION POSITIONERS

Application: Positions standard duty loading spouts in X axis.
Specifications: Loading area up to 6'-0" in single axis.

DUAL DIRECTION POSITIONERS

Application: Positions standard duty loading spouts in X and Y axis.
Specifications: Loading area up to 2'-0" x 6'-0".

ROTARY POSITIONERS

Application: Positions standard duty loading spouts in rotary X and Y axis.
Specifications: Loading area up to 12'-0" diameter.

ARTICULATING ARM POSITIONERS

Application: Positions standard duty loading spouts in X and Y axis over a large area.
Specifications: Loading area up to 20'-0" x 60'-0".

AERATION CONVEYORS

Application: Conveys dry bulk materials from point A to point B on a downward slope.
Specifications: Sizes from 6" to 36" wide with conveying capacities up to 1,000 CFM.

AERATION TROUGHS

Application: Aerates dry bulk material inside silos, bins, and domes.
Specifications: Sizes from 6" to 24" wide.

AERATION BIN BOTTOMS

Application: Aerates dry bulk material inside the bottom of silos and bins.
Specifications: Sizes from 2'-0" to 16'-0" diameter with multiple discharge configurations.

AERATION PENETRATION ADAPTORS

Applications: Allows dry bulk material to be withdrawn from the side of silo or bin.
Specifications: Sizes from 6" to 36" wide with conveying capacities up to 1,000 CFM.

AERATION ROTARY THROTTLE VALVES

Application: Precisely controls dry bulk material flow within a conveyor run.
Specifications: Sizes from 6" to 36" wide with capacities up to 1,000 CFM.



AERATION VERTICAL SLIDE GATE VALVES

Application: Shut-off and flow control of dry bulk material within a conveyor run.
Specifications: Sizes from 6" to 36" wide with capacities up to 1,000 CFM.

SLIDE GATE VALVES

Application: Shut-off material flow from outlets of silos, bins, and other discharge points.
Specifications: Sizes from 6" to 36" square.

CURVED BLADE VALVES

Application: Shut-off and cut a large head of material flow from silos and bins.
Specifications: Sizes from 6" to 36" square.

TIPPING VALVES

Application: Air lock and monitor material flow from outlets of dust collectors and other points.
Specifications: Sizes from 6" to 18" square. Dual stacked configuration available.

FLAT BLADE DIVERTER VALVES

Application: Diverts vertical material flow to one of two outlets at a time.
Specifications: Sizes from 6" to 36" square. Offset and symmetric versions available.

FLAT BLADE TRIVERTER VALVES

Application: Diverts vertical product flow to one of three outlets at a time.
Specifications: Sizes from 6" to 36" square.

CURVED BLADE DIVERTER VALVES

Application: Shut-off, cut, and divert a large head of material flow from silos and bins.
Specifications: Sizes from 6" to 36" square.

DUST COLLECTORS

Application: Collects dust from multiple transfer points using a series of duct work.
Specifications: Sizes up to 3,000 sq. ft. of filter media with up to 18,000 CFM air withdrawal.

FILTER MODULES

Application: Filters dust from a single point and discharges particles back into material flow.
Specifications: Sizes up to 350 sq. ft. of filter media with up to 6,000 CFM air withdrawal.

COMPACT FILTER MODULES

Application: Filters dust from a loading spout and discharges particles back into material flow.
Specifications: Sizes up to 660 sq. ft. of filter media with up to 5,000 CFM air withdrawal.

VENTILATION MODULES

Application: Filters dust from a single point and discharges particles back into material flow.
Specifications: Sizes up to 750 sq. ft. of filter media with up to 6,000 CFM air withdrawal.

BAG AND DRUM FILLING STATIONS

Application: Fills bulk bags or drums on a weigh scale, many options available.
Specifications: Bags from 25 to 60 cubic sq. ft. and drums up to 55 gallon.

SMARTLOADER VISION SYSTEM

Application: Automatically detects truck or railcar hatch opening and positions loading spout.
Specifications: Used in conjunction with standard duty loading spout and positioner.

CONTROLS AND SYSTEM DESIGN

DCL offers a wide variety of control options including but not limited to; PLC programming, handheld pendant controls, valve positioning packages, automation, etc. DCL can help design your load-out system with our in-house engineering and technical sales staff.

