



Systems & Parts offered by **DEL**

Flex4 Control System



View of Spread Data

- Granular material usage
- Liquid material usage
 - Total tons, gallons, and miles applied in Auto
 - Total applied, time, distance in Blast and Pause
- Detailed by route and driver

The DICKY-john Flex4 system can simultaneously control both granular and liquid snow and ice removal materials. Separate channels for granular and liquid precisely controls and maintains the desired applications.

The flow of materials varies automatically in proportion to the changes in ground speed so the application rate remains uniform. When automatic mode is enabled, spreading automatically starts when the truck begins to move and will automatically stop when the truck stops.

The interface consists of a Console and a Switch Module. Desired material application rates are entered on the Setup screens by attaching a keyboard.

FEATURES:

- 7" COLOR DISPLAY
- 4 channel closed-loop control of granular, liquid, auxiliary (liquid or granular) and spin functions
- Summer mode feature for roadside spraying, burning and operation of hydraulic tools
- Day/Night mode

OPTIONS:

- Camera for rear view of truck - monitor material dispensing and avoid potential accidents
- Vehicle and fleet data management packages

Control Point® Control System

The world's easiest to use

Control Point's resourceful three-channel system gives you the power to control granular and liquid material application rates, spinner speed, and spread width.

This user-friendly unit includes an automatic override that takes control after technical failure, and in the event of ground speed sensor malfunction, the built-in ground speed simulator lets you keep spreading—even when your vehicle is stationary.

Control Point allows you to record all truck operations and manage the liquid and granular channels individually by increasing or decreasing application rates.

LT Control™ Application Controller

The most cost-effective ice control

LT Control™ application controller delivers precision control when you need it most.

This versatile, open-loop system operates in automatic, manual, or spot spreading modes under even the harshest weather conditions. It lets you connect to your truck's speedometer to synchronize your conveyor and ground speed, saving you time and money.

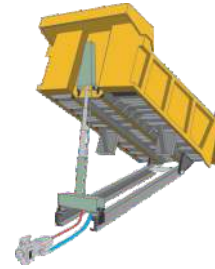


HYDRAULIC HOISTS

FRONT MOUNT HOIST

You get lift where the leverage is - at the front end.

Ram mounts either flush with the front of the body or can be recessed for additional loading on the front axle.



UNDERBODY

Recommended inside ram installation for all body lengths but especially for bodies over 14 feet long.

Optional outside ram installation for bodies of up to 14 feet long.



GREEN HOIST

DEL's Green Solution...
Environmentally Friendly!

Maximum thrust / area available



- Seal width not crucial
- No bleeding required
- Less aggressive seal, less likely to be damaged
- Tubes will not rust
- Operating air is drawn from the tank
- Sealing surface is well protected
- Sealing surface does not require any treatment
- Leaks end up in the tank, not the environment
- Less down time due to warranty

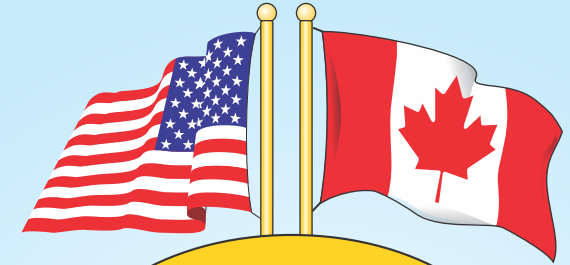
HYDRAULIC CONTROL VALVES

For Single Acting Hydraulic Cylinders

RELIABILITY, RESPONSE and REMOTE FEATHERING CONTROL.

Rugged DEL DHV 1300 valve is designed to meet the fluid power demands of a wide range of applications.

- Precision die cast alloy and steel construction
- Maximum Load Control
- Capacities up to 50 GPM/3500PSI
- Air or cable operated



BUILDING FOR THE FUTURE

www.delcranes.com
www.delhydraulics.com
www.del.us.com

AIR CONTROLS



- DAV1201 On-Off Valve
- DAV 1202 Dump Pump Air Valve
- DAV 1203 PTO/Dump Pump Air Valve
- DAV1204 Pressure Protection Valve
- DAV1205 2-Way, 3-Way and 4-Way Valve
- DAV1208 Air Control Valve with optional cartridge
- DAV1214 Dump Angle Limit Valve
- DAV1221 Pneumatic Feathering Stackable Valve
- Feathering Controls for Refuse Vehicles
- Pneumatic Controls for Hydraulic Winch Applications
- Feathering Controls for Municipal Snow Plow Vehicles
- DAV1224 Feathering Stackable Valve with Neutral Lock
- DAV 1226 Pneumatic Joystick
- D45-1226-99-61 Pneumatic Joystick with Neutral Lock
- D45-1226-99-31 Pneumatic/Electric Joystick
- DAV1229 Hoist/PTO Air Valve
- DAV1229 HI-LO Pneumatic Combo Kit
- ACK1201 Solution for Trucks without Air Brakes- Air Compressor Kit
- DPS3016 Dump Pump Air Shift Cylinders
- EZ-Fit Pneumatic Shift Cylinders for Hydraulic Valves
- Custom Consoles
- The "STACK" Custom Modular Console
- Swivel Pedestals



DEL CRANES

DEFY GRAVITY!

Truck-mounted cranes and accessories for your lifting needs

ANT Economy Crane

Reach up to 8' 1" lifting 440 lbs



For precision movement, this crane will rotate within a 180° radius and precisely controls the weight that you are lifting. They are small, light & versatile but have features like larger cranes. Easy to install & operate. Ideal for small vehicles, pick-ups, box trucks and inside vans.

COBRA

Reach up to 22' 4" lifting up to 35,400 lbs



A light, skilled & high-tech crane with advanced safety devices, excellent strength and a long service life. The ideal solution for many fields & applications for light & heavy duty service.

- Load limiting with visual warning
- Multi function valve bank
- Compact control console
- High-Tensile, 1-piece Boom

MAXILIFT

Reach up to 27' 7" lifting up to 67,700 lbs



For heavy-duty jobs, Cobra Cranes offer exceptional strength and structural integrity without the crane dead weight. Built for years of trouble free performance.

- Load limiting device
- Extra high-strength fine grain Swedish steel
- Heavy-duty planetary winch & cable system and a whole lot more

MAXISTAB

Widest range of models to meet any stability requirement



The best support for cranes, trucks, trailers, transport equipment or any other application to level and stabilize a truck platform.

- Rustproof painted
- Double-acting lock valves on certain models
- Fine grain steel with high elastic limit
- Adjustable legs and swivel feet
- Rod extensions

DELCRANES.COM



Phone: (716) 853-7996

Call us for your next lifting needs!

All cranes and accessories outlined above are manufactured by Next Hydraulics; proudly distributed by DEL Cranes, Division of DEL Hydraulics Inc.