



## Batch Loadout

The **Loadout System** is designed to retrofit existing configurations, including: flood, trim, surge bin batch, discharge and top off discharge gates.



Stop losing money at your  
**Loadout** equipment.



### HIGHLIGHTS:

Reduce downtime by eliminating costly wear and tear on the mechanical system.

Increase loading accuracy & consistency by 25%.

Achieve 15% faster loadout times & create a more flexible loadout scheme.

Installation on-site with minimal downtime.

Can be retrofitted to existing loadout equipment and will integrate into existing control system.

### REGIONAL OFFICES

Albany, Oregon

Seattle, Washington

Charlotte, North Carolina

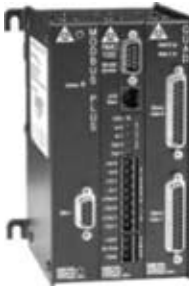
Denver, Colorado

## About Our Partner

Since 1947, Brake Supply Company has been the industry leader in sales, services and design of both mobile and industrial hydraulic related systems. With a team of application engineers and technicians, factory-trained on a variety of field applications, their staff has worked closely with many companies designing and developing complete hydraulic systems for highly specialized equipment. Brake Supply boasts a state of the art hydraulic rebuild and computerized test facility that is second to none. From common to complex, Brake Supply is constantly striving to eliminate customer downtime.



The **Loadout Control System** utilizes the Delta RMC 100 Motion Controller, providing flexibility and reliability unparalleled by any **Loadout System** on the market today. Other motion controllers are supported to suit your needs.



Get a **Load** of This - Faster more Accurate Fills **and** Reduced Downtime.



## ELIMINATE MAINTENANCE ISSUES

The automatic **Loadout Control System** eliminates maintenance issues by replacing conventional “bang-bang” controls with a closed-loop motion control system utilizing position feedback on the hydraulic cylinders, proportional valve control, and Delta RMC motion controls. The

new **Loadout** sequence is based on a motion profile that continually monitors the loadout weight and adjusts the percent-closed of each gate on a continual basis. The result is smooth gate motion, eliminating the jarring effect of “bang-bang” valves.

## MANY BENEFITS

In addition to the maintenance benefits listed above, the **Loadout System** offers reduced loadout times, as much as 15% faster and improved weight accuracy up to 25%. The **Loadout System** meets Class 1, Division 1 Hazardous Area standards and includes fail safe features which automatically close the gate in

case of a valve, motion controller or position sensor failure. The **Loadout System** can be provided with a new PLC control system, or configured to interface to your existing industry-standard PLC. Options include an operator interface for recipe selection, status information and diagnostics.



**HEADQUARTERS**  
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Concept Systems is a leading Systems Integration Solution Provider, focusing on Automation and Information System solution for business. Concept Systems combines highly skilled engineers and technicians with quality products to meet today's integration and control challenges.

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