DRYest® with Multi-Treatment Cartridge

The Haldex DRYest® Air Dryer is designed to provide clean system air with the lowest initial system and lifetime costs. DRYest® comes with integrated; turbo protection valve, governor, regeneration valve, muffler and heater.

**Key benefits:**
- Ideal for vehicles with high air consumption - mixers, transit, coaches, dump and refuse
- Compact size makes installation easier
- Lighter assembly weight - only 14 lbs. means there's more payload capacity
- High Air Volume capacity treats up to 35 SCFM
- Five stage drying process removes up to 99% of contaminants in the compressors air system and eliminates oil while maintaining high water absorption capability

ModulAir®

A new generation of air management systems based upon a compact modular design.

Developed for Trucks and Buses with or without air suspension and/or other pneumatic sub systems.

**Key benefits:**
- Common platform for multiple vehicle installations
- Suitable for worldwide markets due to modularity
- Air suspension integration (optional)
- Reduction of overall system installation time
- Reduction of test time (end of line)
- Reduction of pneumatic end electrical connections
- Space saving due to compact design
- Improved diagnostics through CANBUS communication

Consep® Condenser

**Key benefits:**
- Designed to be used for Trucks and Buses
- Efficiently removes solid particles, liquid droplets and mist from the compressed air flow
- Significantly increases the cartridge life of air dryers
- Reduces the need from draining the reservoirs in other compressed systems
- Minimizes air system maintenance and breakdowns
- Control of drainage sequence
- Maintenance friendly

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Unique Design Multi-Treatment Air Filter (MTC+)

MTC+ has a highly effective coalescence filter on the outlet port, which removes the fine oil and hydrocarbon particles to keep them from entering your air brake system.

**Key benefits:**
- MTC+ removes up to 40% more of the oil and hydrocarbon materials from the air stream than competitive air drying cartridges
- Removes over 99% of contaminants from your air system, effectively eliminating oil while still maintaining its high adsorption capability
- Eliminates oil contaminants from building up in the air system reservoirs, where they can reduce the air reservoir volume
- Ensures adequate air volume is available for your air brake system components downstream
- Reduces chances of oil contaminants migrating to the air valves and other brake components, where they can impede performance
- The canister is built to last the lifetime of the dryer resulting in fewer replacements over the life of the vehicle

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Gold Seal® Brake Actuator

By using advanced manufacturing processes and high-grade, quality materials, Haldex Gold Seal® Actuators assure lower operating cost and deliver long-lasting durability, performance and reliability for outstanding value mile after trouble-free mile.

Key benefits:
- Premium piloted diaphragm for straight spring cycling and longer diaphragm life
- Caging Tool with Acme threads makes caging quick, convenient and easy
- Double o-ring center seal and unique wear rings extend service life and protect against air leakage between chambers
- Tamper resistant integral rolled seal permanently attaches the spring housing to the aluminum center body to prevent inadvertent disassembly
- Special heat treated power spring, producing maximum output force and extended life, is powder-coated for corrosion protection

Life Seal® Brake Actuator

Haldex is the leading supplier of double diaphragm and service brake actuators throughout the world. The advanced design and engineering of the Haldex Life Seal® Actuator delivers reliable performance and long life, mile after mile.

Key benefits:
- Zinc-plated steel chamber isolates the power spring preventing all contaminants from entering the spring chamber
- Push rod housing tube maintains coil alignment and reduces coil stress and coil clash by guiding the spring piston and power spring on a straight path
- Internal valve allows trapped air inside the spring chamber during the caging process to escape through the vehicle air system
- Patented piloting dust shield is designed to enhance automatic brake adjuster operation by maintaining push rod alignment and reducing contaminants in the service chamber

Automatic Brake Adjuster – S-ABA

The self-setting automatic brake adjuster offers enhanced features patented by Haldex.

Key benefits:
- Has a flexible self-setting design
- Easy to install
- Establishes its own reference point without pre-setting the control arm.
- A clearance-sensing adjuster
- Designed to adjust gradually, which gives greater precision
- Designed for integration with an Electronic Lining Wear Sensor

Automatic Brake Adjuster – AA1

The Number One Worldwide brake adjuster, originally patented by Haldex.

Key benefits:
- Automatically maintains a constant clearance between the brake lining and the drum
- Operates according to the Clearance Principle, which was developed and patented by Haldex
- Unbeaten technical performance resulting in longer lifetime
- Designed with a mechanism that is well protected against moisture, dirt, impact etc.
- Is available in different models for virtually all types of heavy commercial vehicles - Haldex also offers a range of manual brake adjusters

ModulX® Disc Brake – Sliding Caliper

The ModulX® family includes brakes for 19.5” and 22.5” wheel sizes. The ModulX® range consists of three models including a light weight brake for 22.5” applications called the DB22LT.

Key benefits:
- High performance for shorter stopping distance and improved control vs. drum brakes
- Modular design for common parts across the product range
- Four stainless steel pins for superior caliper guidance and reliability
- Unhanded design fits left and right hand side with one stocking number
- High efficiency, low hysteresis application mechanism with clearance sensing adjuster

Call Your Sales Representative Today!
1-800-267-9247
info.CA@haldex.com

www.haldex.com
**ILAS®-E**

New member in the ILAS® (Integrated Lift-Axle-System) family specially developed for electronically controlled lift axles.

**Key benefits:**
- Cost effective installation for electronically controlled lift axles
- Simplified solutions reduce components and fittings
- Higher air flow provides faster response time of the lift axle
- Optional dump valve available
- 1/4” NPT fittings

**COLAS®**

- Manual raise/lowering hand valve for commercial vehicles and trailers - works with Single or Dual Height Control Valve systems
- Solid structure allows for horizontal or vertical installation and external mounting
- Optional automatic return to ride height makes valve error proof
- One component and fewer fittings compared to four components and nine fittings in past kits
- Available with 1/4” or 3/8” PTC fittings

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**ILAS®-III**

Fully pneumatic lift axle control valve. Manual and automatic versions provide flexibility with any lift axle application.

**Key benefits:**
- ILAS®-III (Integrated Lift-Axle System) provides precise operation of lift axles for commercial vehicles and trailers
- Manual version automatically lowers lift axle. Lift axle is manually raised
- Automatic version automatically lowers and lifts the lift axle
- Available with 3/8” or Metric push-to-connect fittings
- Integrated mounting holes and solid structure allows for easy installation
- ILAS-III replaces many lift axle systems which typically require multiple components and fittings

**Precision Response (PR) Height Control Valve**

Immediate response height control valve for truck, trailer, industrial or recreational vehicle air suspension.

**Key benefits:**
- Immediate responding valve reduces total air consumption and controls dynamic drift
- Ceramic seal technology increases product durability and reliability
- The industry’s tightest deadband eliminates ride height variation and reduces equipment damage
- Can be mounted in any orientation on the vehicle and easily replaces other height control valve brands
- Optional integrated dump valve provides the ability to automatically or manually exhaust air from the suspension
- Multiple manifold and fitting options allow for more efficient installation and plumbing for a variety of applications. Available manifold/fitting options include 1/4” NPT, 1/4” PTC, 3/8” PTC, Metric NPT and Metric PTC (PTC = Push-To-Connect)

**Controlled Response (CR) Height Control Valve**

Time delay height control valve for truck, trailer, industrial or recreational vehicle air suspension.

**Key benefits:**
- Controlled response time delay technology maintains chassis position and conserves air consumption
- Robust die cast zinc body with precision machined steel and durable plastic components ensure operation in extreme conditions
- Available with 1/4", 3/8" or metric filter fittings. Break-away control arms combined with flexible right or left side mounting options allow for easier installation for a variety of applications.
- Optional integrated dump valve provides the ability to automatically or manually exhaust air from the suspension
- Minimum deadband range provides excellent control of suspension ride height

**North American version in the EGP Valve family.**

**Key benefits:**
- Dual or single circuit operation without extra ports or fittings
- High grade durable all plastic construction for corrosion protection
- Optional dump valve available
- 1/4” NPT fittings

**EGP Height Control Valve**

**Key benefits:**
- Cost effective installation for electronically controlled lift axles
- Simplified solutions reduce components and fittings
- Higher air flow provides faster response time of the lift axle
- Compatible with Haldex EB+ and other EBS Systems
- Threaded or push-to-connect fittings
- DIN-Bayonet or conventional solenoid connector

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**www.haldex.com**
Trailer Roll Stability

Trailer Roll Stability system monitors operating conditions 100 times per second to improve stability and lessen the possibility of rollovers, but the driver remains vital to the vehicle’s safety and rollover avoidance.

The Haldex TRS system incorporates innovative advancements, is more reliable and reduces installation costs through the following features.

**Key benefits:**
- Made from lightweight corrosion-resistant EGP material, utilizes a potting process that provides excellent environmental protection
- The ECU and Valve section are serviceable separately reducing maintenance and replacement costs
- The ECU records trailer odometer mileage that can be read from the proprietary e-odometer, Info Center or PC Diag+ Program
- During system activation of a Roll Stability event the trailer LED stop lamps are illuminated to warn trailing motorists of the slowing vehicle when the proprietary TRS Power Cord Extension with “Illumination” feature is specified
- Push-to-connect, weather tight electrical connectors that require no tools
- Integral control-line filter removes contaminants from the air system before reaching the Valve section
- PC and Info Center diagnostics that allow the fleet to troubleshoot the system and download data to educate and train drivers on braking issues

Info Center

Trailer-mounted Odometer and Diagnostic tool.

**Key benefits:**
- TRS and ABS versions available
- Permanently trailer-mounted
- Communicates data over Haldex EB+ CAN on TRS application
- Total distance travelled
- Trip distance
- Service interval
- Distance to next service
- Easy-to-read back-lit LCD screen
- Tire scale setting
- Detect the presence of, and test, COLAS®, ILAS®, retarder and stability (TRS version only)
- Check cabling, serial numbers and other data
- Load and instantly restore critical Haldex EB+ parameters without using a PC (TRS version)

PLC Select ABS

Haldex has an expanded line of Anti-lock Braking Systems that includes both standard ABS in its PLC Select FFABS. Whether you need a basic single channel system or multi-channel, multi-trailer configurations, the PLC Select improves braking performance and vehicle control.

**Key benefits:**
- The PLC platform reduces costs throughout the entire life cycle. With fewer components, the PLC costs less to install and maintain. The improved reliability built into the system minimizes the chance of costly, unplanned or on-highway downtime.
- Sealed ECU with potted enclosure to prevent contaminants and corrosion from entering the system
- Sensor and power connectors plug directly into the ECU with weather-pack connections
- Primary solenoid cable is part of the ECU, requires a second valve for 2S/1M and 4S/2M applications
- Pre-installed swivel-nipple design with locking nut for easy installation and servicing
- Second valve cable comes in various lengths, plugging directly into the ECU to customize installations
- Robust mounting bracket with single fastener design

Call Your Sales Representative Today!

1-800-267-9247

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