HTX - Automatic Clamping Pressure Control System



HTX is an automatic paper roll clamp clamping pressure control and adjustment device.

It adjusts the clamping pressure by first measuring the lift mast pressure when the load is lifted, and then uses this information to adjust the necessary clamping pressure.

HTX is designed for paper roll manufacturers, transport companies, 3PL companies, and port operators handling paper rolls with a varying weights. It provides an easy and intuitive way for the lift truck operators to operate the paper roll clamps at varying operational situations and roll weights.

HTX makes it possible to reduce load damage caused due to excessive clamping force levels.

The system is electrically controlled, this makes it easily adjustable and configurable to match the varying load weight specifications. All components of the systems are mounted on the lift truck. HTX can be used with all pivot arm type Auramo and Meyer paper roll clamps.

- AUTOMATIC CONTROL OF THE PRESSURE
- USER FRIENDLY OPERATOR INTERFACE
- EASY SETTING
- EASY INSTALLATION
- RETROFIT POSSIBLE

Fast reaction

Operator can use the clamp like in normal handling. Adjustable response curve to match the selected clamping factors and roll sizes. Optionally available also a selectable second response curve setup. Indication of status of the system with status light.

Safe to use. After the automatic adjustment, the clamping pressure is maintained in the clamp cylinders by hydraulic check valves.









AURAMO

Automatic Clamping Pressure Control System

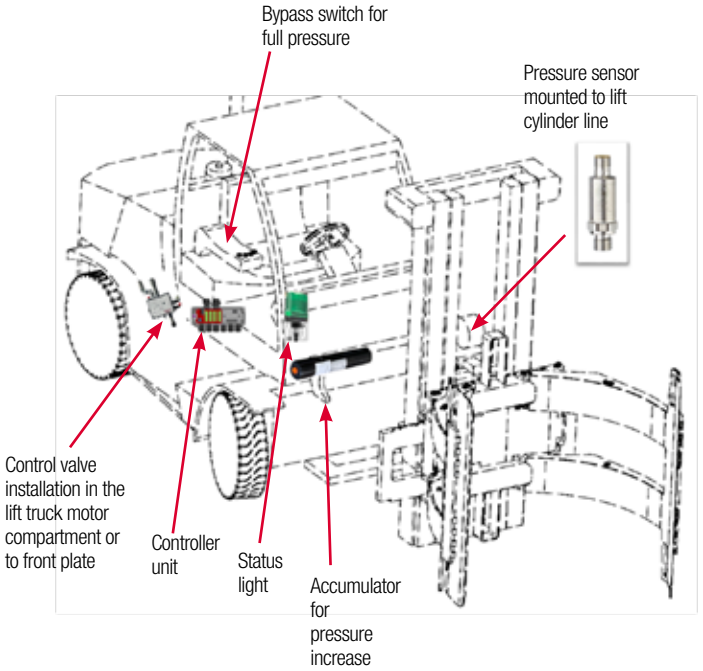
The system is electrically controlled, this makes it easily adjustable and configurable to match the varying load weight specifications.

All components of the systems are mounted on the lift truck – The clamp attachment requires only a small hydraulic valve modification.

The clamp is connected to the lift truck exactly like a conventional clamp.

Standard delivery includes valves and cables. Dedicated lift truck specified hoses and brackets are not included in the standard supply.

HTX is an easy solution also if a retrofit of the current paper roll clamp fleet is required.

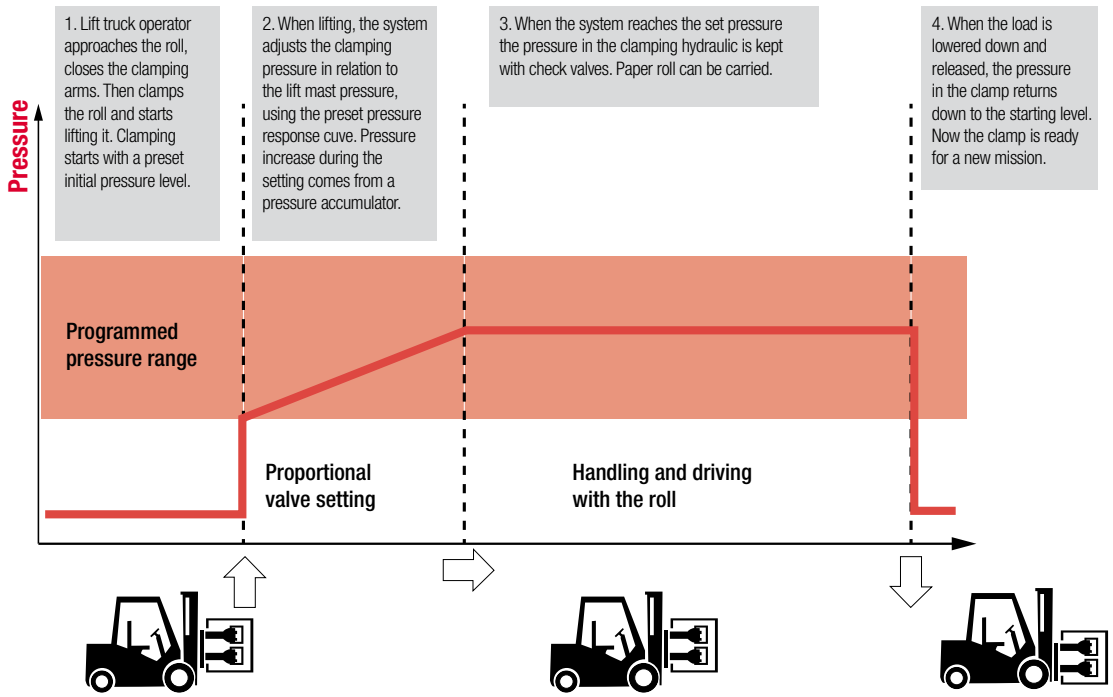


1. CLAMP AND LIFT

2. SYSTEM ADJUSTS PRESSURE

3. PRESSURE IS SET & DRIVE

4. LOAD RELEASE



Features:

- Effective pressure control device.
- Load damage prevented by adjusting the clamping pressure according to the load weight.
- Electrical control, versatile control settings
- Heavy duty construction.
- Built-around standard hydraulic components for easy service.
- Wide adjustability range for use on to most truck-clamp combinations.
- High operating speed.
- Easy installation.
- Low maintenance

Options:

- **HTX Programming unit**
  HTX programming unit is used for setting and programming the system parameters during the installation. It can also be used for fault diagnostics. One programming unit per HTX fleet is needed, or alternatively one unit for the service team taking care of several HTX user fleets. Touchscreen, LED's and operation switches for easy viewing, programming and setting the parameters.

- **Clamping force curve selector**
  Manual or automatic multi-stage operation area selector for varying load grades.

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