

**Hytrol Maintenance Schools**  
 a seminar for conveyor maintenance personnel



In order to fulfill the continuing demand for assistance to those who maintain conveying equipment, Hytrol sponsors several maintenance seminars each year. This program was launched in 1983 and continues to be a popular school for Hytrol distributors and end users.

The three-day school is taught entirely by Hytrol employees. Although the curriculum is mainly centered around conveyors, their upkeep and troubleshooting, students are also given tours of the Hytrol plant and given the opportunity to meet Hytrol employees. They are also given an

insight into the basic operation of Hytrol and its order processing and marketing strategies.

Subjects covered during the school include basic conveyor knowledge, assembly and troubleshooting for a variety of conveyors, sortation conveyors, reducers, zero-pressure conveyor adjustments, programming EZLogic® conveyors, maintenance of optional equipment, a session on heavy-duty conveyor troubleshooting, the Hytrol system manual, safety hazards, electricals, and much more.

Members of the class also take part in a conveyor trouble-shooting competition. The students are given tours of the Hytrol powder paint system, fabrication, roller production, the Hytrol quality lab, research & development, and other areas of interest.

Prerequisites for the Hytrol Maintenance Seminar are: must be an employee of a Hytrol distributor or a Hytrol distributor's customer or installer of Hytrol equipment. The student also must be enrolled by a Hytrol distributor.



# Customer Service

At Hytrol, we're big on Customer Service. There's almost nothing we won't do to win your confidence in Hytrol products.

One of our absolutely free services is our video tape facility. What does this mean to you? It means that Hytrol can provide, at request, a video tape of your product on Hytrol equipment. If you have a question on the conveyability of your product, call your Hytrol distributor and arrange a free test. We can set up a conveyor simulation using your product, or a product of similar size, weight, or shape, make a video test, and send you the taped results... at no cost to you. In this way, you can see your product on a Hytrol conveyor or accessory. This can help you with the proper conveyor selection.



# News Releases

## Hytrol Introduces Model ABEZ

Hytrol's model ABEZ is a zero pressure live roller accumulation conveyor. This conveyor has Hytrol's new EZLogic® GEN3 Accumulation System with the efficiency of the all-new EZDrive™ System.

GEN3 has the following features:

- \* Ease of Installation and Replacement
- \* Unprecedented Throughput Possibilities
- \* Expanded Control Options
- \* Easy to Configure

ABEZ conveyor lines, regardless of length, may be fully accumulated with product with absolutely zero back pressure at the discharge end or anywhere along the length of the conveyor. Also, with no back pressure, cartons may be easily removed from any point along its length for secondary operations. This standard conveyor is also equipped with photoelectric sensing of product making it reliable and trouble free when conveying products weighing practically nothing up to 150 lbs per foot.



# Hytrol History

The story of Hytrol is truly an American success story. The company was founded in 1947 by the late Tom Loberg. At the time, Tom was operating a small machine and job shop in West Allis, Wisconsin. Tom was doing machine shop jobs and dabbling in hydraulic controls. But he was always keeping an eye out for a product he could manufacture and sell. It was during this time that a good friend, Lester Jarlsberg, approached Tom with an unusual request. Lester owned a small seed and feed business and asked Tom if he could make a conveyor to help with the moving and stacking of bags of seed and feed. At first Tom was reluctant, but eventually he did design and build a conveyor for Lester. The conveyor worked fine!



*Lester Jarlsberg and Hytrol's first conveyor.*

Soon, others who had seen Lester's conveyor wanted Tom to build them one, too. Suddenly, Tom was very busy manufacturing conveyors. One thing led to another and by the late 40's, Tom and his employees constituted Hytrol Conveyor Company, a small but thriving business. They began to design and build other types of conveyors. Material handling firms were quick to spot Tom's well-designed and smooth-running conveyor line. They wanted to sell Hytrol. Soon, Tom had distributors in several locations around Wisconsin and Illinois. The word spread and before long, there were Hytrol distributors on the east and west coasts and many places in between!



*The Hytrol plant in the mid 70's.*

By the time the 1960's rolled around, Tom needed help running the fast growing company. He hired Sam Leone and Ralph Pocobello to assist in the company's growth. Ralph took over the production area and Sam Leone became the driving force for Hytrol's sales and marketing programs. Sam spent many days and weeks on the road, setting up new distributors and promoting Hytrol. The focus was always on the customers and how Hytrol could best serve them. Hytrol was growing fast! Tom and his team needed a bigger building!

In 1962, when he couldn't find a suitable location in the Wisconsin area, Tom moved Hytrol to Jonesboro, Arkansas. The move was one of the best decisions Tom ever made. The company continued to grow.

With the advent of the Hytrol Stockyard, the industry was sent reeling when Hytrol announced it would begin shipping standard conveyor orders within 24 hours of the time the order is received! Many scoffed at the idea, but today, the Hytrol Stockyard continues to ship all standard conveyor orders within 24 hours--- or Hytrol pays the freight!

The Hytrol of today is known as a manufacturer of quality conveying equipment. With distributors in North and South America and several other locations throughout the world, Hytrol is truly a global company. Tom Loberg's company continues to grow. The company motto, "Hytrol leads the way" is no idle boast! With the introduction in January, 2006, of Gen3, the most advanced zero-pressure accumulation system in the world, the user-friendly ProLogix Sortation controls family, the Stockyard, and a complete line of conveying equipment, the motto fits.

The Hytrol story is an American success story and we shall continue to succeed. We do this by putting the customer first. After all--- it's the customer who uses Hytrol equipment!



*Hytrol today, a modern factory. The Stockyard is at upper left.*



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## Lean Enterprise

Hytrol has been involved in a conversion to the Lean method of manufacturing for over a year. Practically everyone associated with the manufacturing world has surely heard of “Lean Enterprise” by now. Many factories have converted to this method and have seen dramatic improvements in the overall way their business is run. But some may still ask, “What’s it all about?”

In a sense, Lean is about eliminating waste. With Lean, manufacturing firms rearrange their areas into individual work cells and set up these cells to manufacture only what the customer consumes. In this way, there are few wastes incurred.

The main enemy in a Lean environment are the seven deadly wastes:

1. *Waste of Transportation*
2. *Waste of Motion*
3. *Waste of Scrap*
4. *Waste of Overproduction*
5. *Waste of Overprocessing*
6. *Waste of Waiting*
7. *Waste of Inventory*

**Waste of Transportation** is any process in the daily manufacture of the product where material is moved from one location to another. The Lean rule: ***Moving material from one location to another never adds value.***

**Waste of Motion** means any unnecessary walking during the process. When a worker must be constantly walking from one place to another to do his or her job, managers

need to look at reorganization to move tools closer to the work area. Walking never adds value.

**Waste of Scrap** is self-explanatory. But many people don’t look at the full effects of waste of scrap. This waste is much more serious than many people believe.

**Waste of Overproduction** is a common waste in industry. Factories create this waste when they produce more products than the market consumes. This creates other problems such as extra handling, wasted space, more overhead, etc.

**Waste of Overprocessing** is any manufactured feature that does not add value in the customer’s eye such as engineering specifications that are tighter than the customer wants or needs, excessive surface finish and other bells & whistles that are unnecessary in the customer’s eye.

**Waste of Waiting** occurs in almost every manufacturing and service function. When an employee is waiting for something, it is costing the company money.

**Waste of Inventory** is closely related to waste of overproduction. The overproduction creates excess inventory. This in turn creates extra handling, space, people, paperwork, etc. Excessive inventory is a waste and a drain on any organization. It increases overhead and many times even hides quality issues.

The Seven Deadly Wastes are only a part of the whole Lean concept. Every factory, firm, office, facility, etc. could benefit from converting to the Lean way of thinking. For the future, it will be Hytrol’s way.

