



NOPAK

First in Manufacturing. Engineered to Last.



Cylinders & Valves

Full Line Overview

Overview 1500



Class 1, 2, M, SVR

Low Pressure Cast-Head
Cylinders

- Pneumatic operates up to 250 PSI
- Hydraulic operates up to 650 PSI
- Heavy-duty, cast-head cylinders
- 5 mounting styles and 11 bore sizes, including the oversized Class M sized up to 14"
- Class 2 includes recessed gasketed tube seals and piston O-rings as standard features

SVR

- Piston rod thread lengths are longer than the Class 1, 2, M standards to incorporate a hex jam nut
- 4 mounting styles and 5 bore sizes
- Longer piston rod packing box is designed with double bearings
- Two standard oversized rods
- Bolt-on steel plate packing retainers



Class 3, M

High Pressure Square-Head
Cylinders

- Operates up to 3000 PSI, hydraulic
- NFPA interchangeable steel square head
- Assemblies are proof-tested at 1.5 times the working pressure
- More than 20 mounting styles with standard bore sizes 24"+
- Three groove piston with cast iron rings and a positive "T" seal
- Class 3 M is a non-tie-rod cylinder with welded flanges



NOPAK

First in Manufacturing. Engineered to Last.



Class 5A

Low Pressure NFPA Aluminum
Cylinders

- Operates up to 250 PSI, air
- Heavy-duty, light weight aluminum design
- 18 mounting styles
- Special rod ends available



Class 6

Intermediate Pressure
Square-Head Cylinders

- Pneumatic operates up to 250 PSI
- Hydraulic operates up to 1500 PSI
- NFPA interchangeable steel square head
- Assemblies are proof-tested at 1.5 times the working pressure
- More than 20 mounting styles in bore sizes 24"+

Directional Control Valves

Hand, Foot and Solenoid



- Hand and foot valves operate up to 250 PSI
- Heavy-duty design
- Precision linear flow control
- Self-improving sealing surfaces
- Packless construction
- Contamination resistant sealing design
- Cast iron body and forged bronze discs
- Hand valves include 3- and 4-way valves and panel mounts
- Air, oil and water applications

NOPAK-MATIC SOLENOID VALVES

- Solenoid valves operate from 15-150 PSI
- Single or double solenoid or piloted operations
- Poppet-type directional control
- Interchangeable pilot heads
- Industry's highest Cv factors

Boosters, Intensifiers and Air/Oil Tanks

Ram and Piston Type



- Ram Type single or dual pressure up to 5000 PSI
- Piston Type up to 3000 PSI
- Boost Ratio up to 36:1
- Converts low pressure hydraulic or shop air to an intensified hydraulic pressure
- Eliminates the need for costly hydraulic pumps or power pack units
- Piston Type can be used as an accumulator

The GHN Difference

Galland Henning Nopak, Inc. (GHN) started in 1887 manufacturing pneumatic malting equipment. Surviving Prohibition and the Great Depression, GHN began innovating the high density balers and cylinders and valves it's known for today. Galland Henning Nopak is moving forward at a rapid pace.

In January of 2015 we moved into a new World Headquarters in Franklin, WI. Our facility sits on six acres and boasts cutting edge CNC machining. The new facility has increased capacity and expanded capability. This allows us to produce large bore close tolerance cylinders and valves.

GHN unveiled a new brand mark, capitalizing on two product lines: Galland Henning High Density Balers, and NOPAK Cylinders and Valves. With this re-branding came a modernized website and new full-line catalog.

GHN also unleashed a new web-based 3D Product Configurator. This innovative software allows customers to build, price, and generate multiple CAD models and drawings.

The Galland Henning Nopak team continues to strive for excellence. We stand behind our century-old reputation for delivering durable, long-lasting products. NOPAK backs up these claims with an industry leading five-year exclusive warranty. We are proud to introduce our products to you and are excited to be a partner in your business solutions.





**GALLAND
HENNING
NOPAK**

Engineering Solutions
Since 1887

10179 S. 57th Street; Franklin, WI 53132
p 414.645.6000 | f 414.645.6048
www.nopak.com | sales@nopak.com