



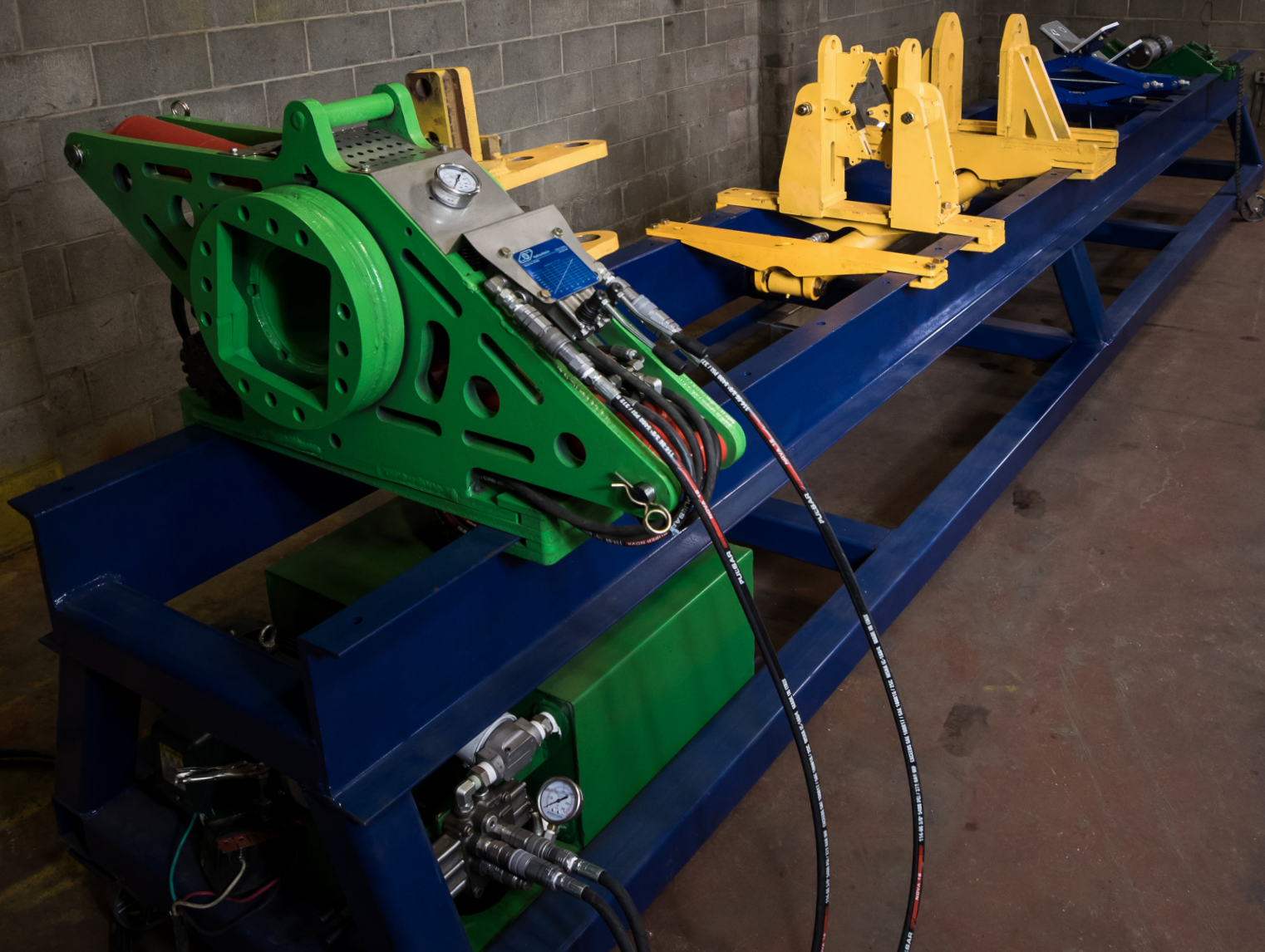
HYDRAULITECHS

NUT BUSTER

HYDRAULIC MONSTER WRENCH

HTW50

The HTW50 is designed to disassemble and tighten piston nuts and cylinder glands. Two counteracting cylinders generate cracking torque and a fast turning motor taking action to open the nut.



NUTBUSTER ASSEMBLY

The Nutbuster System is a premium hydraulic cylinder repair bench that includes the Nutbuster Head that generates the torque to disassemble the nuts and glands of heavy-duty hydraulic cylinders. The mining, oil and gas, forestry, marine, and construction industry benefit from the Nutbuster™. The Nutbuster Head mounts onto a solid metal disassembly table and delivers up to 50,000 foot-pounds of torque, which applies to a wide variety of nuts and glands. With the easy-to-mount and easy-to-use attachments and accessories, there is no job the Nutbuster can't accomplish. Customers also receive standard safety, upkeep and operations manuals. This product is proudly engineered, produced and assembled in Canada.

Nutbuster Head

The Nutbuster is operated through three electrical control valves that are mounted on the Nutbuster Head. The control valve controls two 4" hydraulic cylinders and the hydraulic motor. The ratchet head sits on a swivel base. The Nutbuster is designed to boost your safety and productivity and is also designed to be low maintenance while working to grow your business.

Customizable & Affordable

We commit to support all business sizes and budgets. The Nutbuster Assembly comes standard with all attachments and accessories, but customers have the option to remove items based on budget needs. Customers have the option to build the bench with the supplied copy of Hydraulitech's engineering plans or Hydraulitech's will customize the Nutbuster's base according to your existing table. In addition, Customers can purchase the optional push/pull cylinder, a power unit, and a wireless digital control panel.

Nutbuster Features

- ✓ Base swivel
- ✓ 3-section electrical control valves
- ✓ Pressure gauge with max indicator
- ✓ Pressure-torque chart
- ✓ Hydraulic motor with 600 ft-lb
- ✓ Self-locking hex plates
- ✓ Safety guards and safety lab

Specifications

MECHANICAL

Nutbuster Head Torque	50,000 lb-ft
Hydraulic Motor Torque	600 lb-ft

TABLE (customizable)

Standard	20 ft
----------	-------

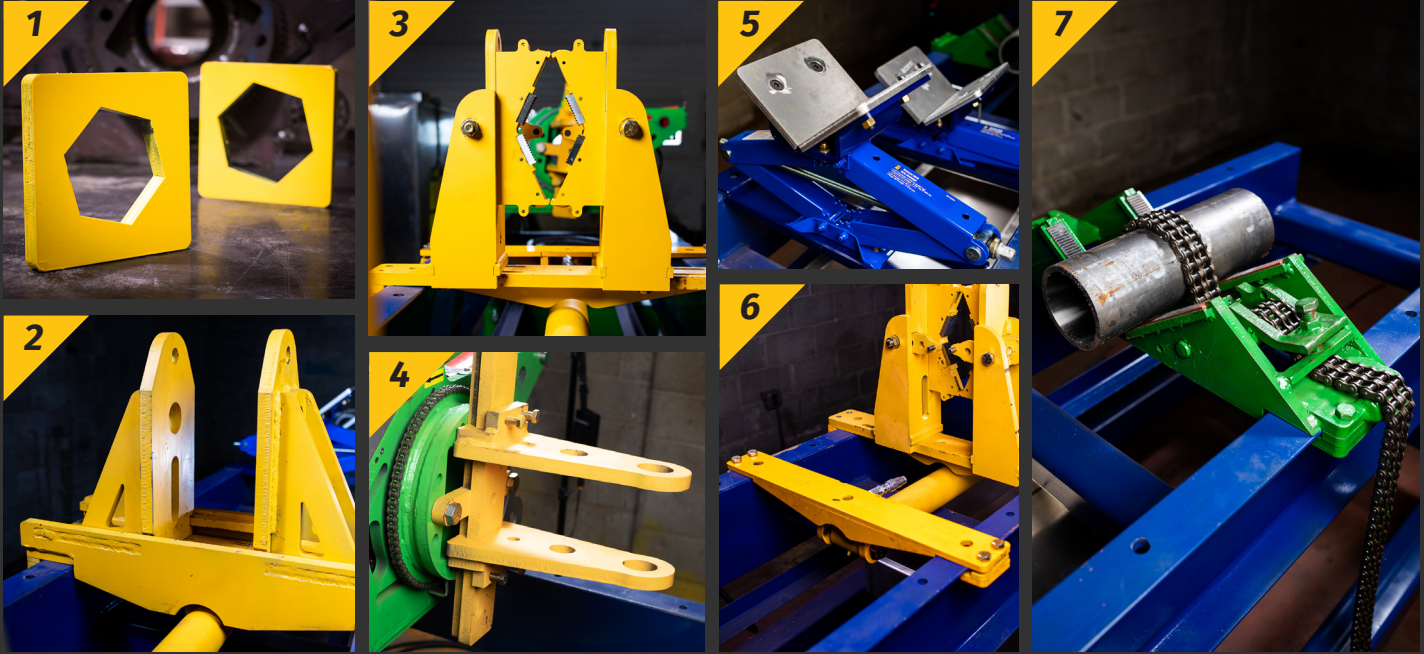
POWER UNIT (Optional)

Power Requirements	5 HP
Standard Voltages	220, 3-Phase
Tank	15 Gallon
Pressure	3,000 psi
Flow	3 gal/min



Attachments

The Nutbuster Assembly includes the Nutbuster Head and the following tools or attachments. With the assembly, customers are able to safely and efficiently disassemble and assemble practically every type of hydraulic cylinder. The Nutbuster assembly is a complete service system for rebuilding cylinders.



01. Hex Plates

Hex plates are nut sockets that lock into the hex plate holder and make it easy to remove and install nuts. Plates are available in various sizes, ranging from 85mm to 155mm. They come in 9"x9"x1" thick plates. A 1.5" socket drive plate is available. Custom Hex Plates are available.

02. Front Eye Holder

The attachment holds the front eye of the cylinder as the nut is removed. The holder is adjustable up to 20" and contains a clevis for the front eye of the push/pull cylinder.

03. Gland Wrench Set

The 2-in-1 gland wrench set is designed as a pipe wrench and spanner wrench.

The pipe wrench's jaw teeth grip material of the cylinder. This provides a secure 4-point grip to ensure the end caps do not rotate. The pipe wrench accommodates glands up to 14 inches.

The front and side spanner wrench grip the holes on the face or circumference of the cylinder's end caps. Pins are adjusted to match the holes in the end cap. The spanner accommodates glands up to 20 inches.

04. Back Eye Holder

This attachment is installed onto the rotating head of the Nutbuster through

fastening bolts. With the use of a pin bolt, the back eye of the cylinder is secured to the Nutbuster. With the cylinder in a fixed position at the Gland Wrench Set, the Back Eye Holder rotates with the head of the Nutbuster to loosen the gland. The Back Eye Holder accommodates cylinders with a back eye up to 20 inches.

05. Lifting Jack

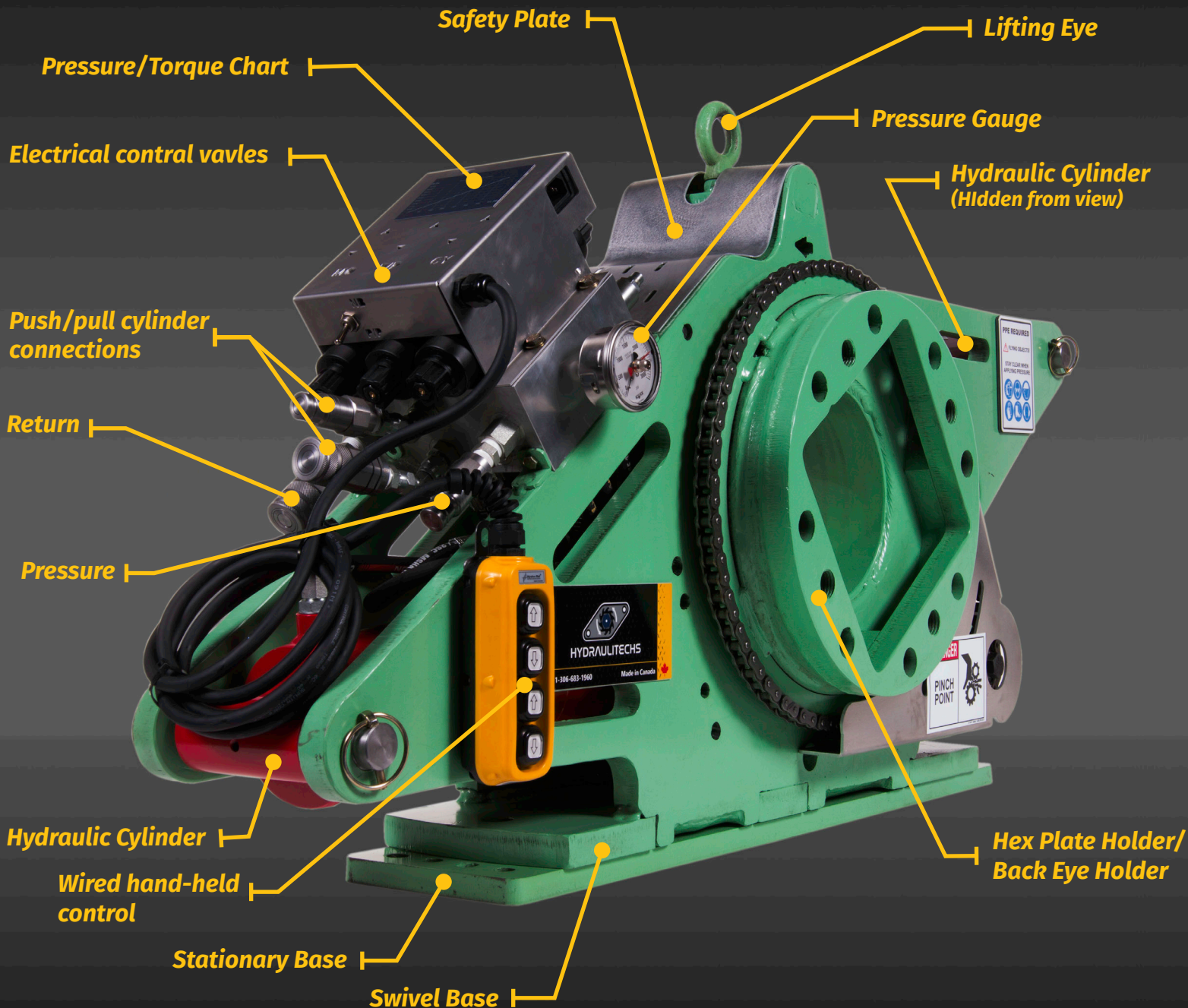
The easy-to-slide lifting jacks consist of aluminum pads that align the ride or tube before torque is applied. Two (2) 2.27-tonne lifting jack comes standard with the Nutbuster System. Optionally, 5-tonne jacks are available for heavy jobs.

06. Push/Pull Plate

This attachment, in conjunction with a push-pull cylinder, is used to pull or push the rod assembly in or out of the cylinder. The plate is connected to the work bench and to the back eye of the push/pull cylinder. This plate is designed to accommodate a 3" back eye from the push/pull cylinder.

07. Heavy Duty Chain Vise

The heavy duty chain vise, which is mounted to the work bench, is used to secure and to work cylinders. Once secured, the cylinder will not move as it is disassembled or as its glands are removed. The vise is mounted to the bench and is easy to setup for each job. The chain vise secures cylinders up to 20 inches.



“Hydraulitechs is very easy to deal with, and they were generous going the extra mile. We are very pleased with our purchase, and we are now saving money...as well as saving our backs!”

— Wayne Bueckert, Industrial Surface Technologies.



HYDRAULITECHS

1725 Ontario Avenue
Saskatoon, Saskatchewan S7K 1S9
CANADA

(P) 1 (306) 683-1960
(E) contact@hydraulitechs.com
(W) www.hydraulitechs.com