



HYDRAULITECHS



TORQUE MONSTER



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HYDRAULIC MONSTER WRENCH

HTW50/HTW100

The Torque Monster System is a premium hydraulic cylinder repair bench that includes the Torque Head which generates the torque to disassemble the nuts and glands of heavy-duty hydraulic cylinders.

TORQUE MONSTER CAPABILITIES

The HTW50/100 is built to easily remove and tighten piston nuts and cylinder glands. It also features a straightforward push/pull system for smoothly pulling out or pushing in the rod from/to the tube during repair.

WHO CAN BENEFIT FROM THE TORQUE MONSTER

Mining, oil and gas, forestry, marine, Hydraulic shops and construction industry benefit from the Torque Monster.

WARRANTY & CUSTOMER SUPPORT

The Torque head and repair bench has life time warranty. Customers also receive standard safety, upkeep and operations manuals and assistance. This product is proudly engineered, produced and assembled in Canada.

TORQUE MONSTER FEATURES

- Base swivel
- Customizable table
- Electric control valve
- Wired remote control
- Pressure-torque chart
- Spanner/Pipe wrench
- Self-locking hex plates
- User-friendly heavy Chain vise
- Push/Pull function, 28000 lb force
- Hydraulic motor with 3000/3500 ft-lb
- Capable of attaching to the Back Eye Holder





TORQUE MONSTER MODELS

HTW50/HTW100

HTW50 Economic Option

The HTW50 model is suitable for most of the hydraulic shops.

MECHANICAL SPECIFICATIONS:

- Capable of intermittent **50,000 lb-ft** and continuous **40,000 lb-ft** Head Torque.
- Motor generated Torque 3000 lb-ft (at 2000 psi)

STANDARD POWER UNIT (Optional):

- Power Requirements 5 HP
- Standard Voltages 220, 1-Phase
- Tank 15 Gallon
- Pressure up to 3,000 psi
- Flow 2-5 gal/min



TABLE (optional & customizable):

Standard 20 - 40 ft, Complete tray & movable tray,
4 Hex plate holders, 2 Tool holders

OPTIONAL POWER UNIT:

TLP/THP Test unit, for more details see page 4.

HTW100 Extra Heavy Duty

The HTW100 model is designed to handle surface mining Extra size hydraulic cylinders.

MECHANICAL SPECIFICATIONS:

- Capable of intermittent **100,000 lb-ft** and continuous **90,000 lb-ft** Head Torque.
- Motor generated Torque 4125 lb-ft (at 2000 psi)

STANDARD POWER UNIT (COMES WITH TABLE):

- Power Requirements 7.5 HP
- Standard Voltages 220, 1-Phase
- Tank 30 Gallon
- Pressure up to 3,000 psi
- Flow 2-5 gal/min



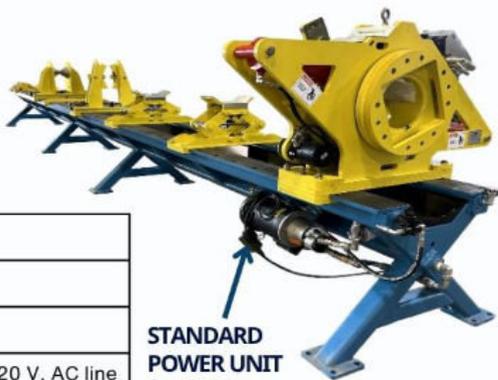
TABLE (customizable):

Standard 30 - 40 ft, Complete tray,
5 Hex plate holders, 2 Tool holders

OPTIONAL POWER UNIT:

THP Test unit, for more details see page 4.



**STANDARD POWER UNIT SPECIFICATIONS****STANDARD
POWER UNIT
for HTW50,
SPU****STANDARD
POWER UNIT
for HTW100**

Pressure	Up to 3000 psi
Pump capacity	2-5 GPM
Hydraulic oil	HV32
Power	5 hp HTW50, 7.5 hp HTW100, 220 V, AC line
Tank capacity	15 Gallons HTW50 , 30 Gallons HTW100

TLP/THP TEST UNIT SPECIFICATIONS**TLP,
TEST UNIT**

Pressure	Up to 3000 psi
Pump capacity	2-5 GPM
Hydraulic oil	HV32
Power	5 hp, 220 V, AC line
Tank capacity	25 Gallons

**THP,
TEST UNIT**

Pressure	5000 psi (10000 psi upon request)
Pump capacity	5-20 GPM
Hydraulic oil	HV32
Power	20 hp, 230 or 460 V, AC line
Tank capacity	100 Gallons





ATTACHMENTS

- Hex plates are nut sockets that lock into the Torque Monster head for easy nut removal and installation. Each set includes hex plate holders that attach to the table for storage—4 for HTW50 and 5 for HTW100. HTW50 plates come in 20 sizes [50-170 mm, 9"x9"x1"], and HTW100 in 14 sizes [80-220 mm, 13"x13"x1"]. A 1"x1.5" socket drive plate is also available, and custom sizes can be made on request.

HEX PLATES



HEX PLATE HOLDERS

- The attachment holds the front eye of the cylinder as the nut is removed.
- The holder is adjustable up to 20" [HTW50] and 30" [HTW100].
- Contains a clevis for the front eye of the push-pull cylinder.

FRONT EYE HOLDER



- The 2-in-1 gland wrench set works as both a pipe wrench and a spanner.
- Pipe wrench: Its jaw teeth dig into the cylinder for a secure 4-point grip, preventing end cap rotation. Fits glands up to 14" for HTW50 and 20" for HTW100.
- Spanner wrench: Front and side pins lock into end cap holes [face or circumference]. Accommodates glands up to 20". Includes sizes: blank, 1/4, 3/8, 1/2, plus 5 dowel pins each.

GLAND WRENCH SET



- Back Eye Holder** - Bolts to Torque Monster head, secures cylinder back eye with pin bolt, rotates with Torque Head to loosen gland; fits cylinders up to 22" [HTW50] and 30" [HTW100].

BACK EYE HOLDER



- Back Tube Holder** [HTW50 only] - Holds cylinder back when no back eye, replaces Back Eye Holder slides, rotates with Torque Head, can remove nuts if no socket fits; fits 0-15".



- Universal Wrench** - Optional for HTW50, included with HTW100; replaces Back Eye Holder cones, two sets [small 0-7", large 7-15"].



UNIVERSAL WRENCH

- The easy-to-slide lifting jacks consist of aluminum pads that help align the rod or tube before torque is applied.
- Two 2.27-ton lifting jack comes standard with the Torque Monster HTW50 System. Optionally, 5-ton jacks are available for heavy jobs.
- Two 5-ton lifting jack comes standard with the Torque Monster HTW100 System.

LIFTING JACKS 2.27



LIFTING JACKS 5



- 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.

PUSH-PULL PLATE



- The heavy duty chain vise, which is mounted to the work bench, is used to secure and to work on cylinders.
- Once secured, the cylinder will not move as it is disassembled or as its gland is removed.
- The vise is mounted to the bench and is easy to setup for each job.

HEAVY DUTY CHAIN VISE





TESTIMONIALS

Wayne: "Bought one of the first Torque Monster. We are still using it to this day! It's a work-horse and has raised the bar for our business. Would highly recommend!"

Ryan: "Hydraulitechs was great to deal with. They did a trial run to show us how the Torque Monster works with our product. We bought a Torque Monster, and it has helped us out tremendously!! makes our job get done safely as well. There Service has been great and will do whatever to help out. Highly recommended!!!"

Miraz: "Exceptional company, great stuff and excellent products. Every recommendation for anyone who needs modern hydraulic system, they made our life much easier with their Torque Monster!"

Steven: "These guys are great. Ordered equipment from them and they were able to expedite the shipping to get it down to me here in Florida. Couldn't be happier with their service!"

Walid: "Purchased a hydraulic bench and was thrilled with the quality. Great service and great products. Saved us time and money. Would highly recommend to anyone in the industry."

Ken: "We have done more cylinder work since we got it than we did in the last 5 years combined. I would highly recommend it."

Josh: "Recently bought the HTW50 complete table with Torque Monster and all attachments for our company. Have already rebuilt 2 cylinders and have recouped 10-15% of the investment cost in savings over outsourcing these projects. The ease of use and the functionality of the table, Torque Monster and the attachments has made rebuilding cylinders in-house a process that is much safer, easier and quicker. We are already training young technicians on how to rebuild cylinders because of the access to this awesome tool. Abe has been awesome to work with and the price point of this table compared to others on the market was amazing. Highly recommend Hydraulitechs."





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