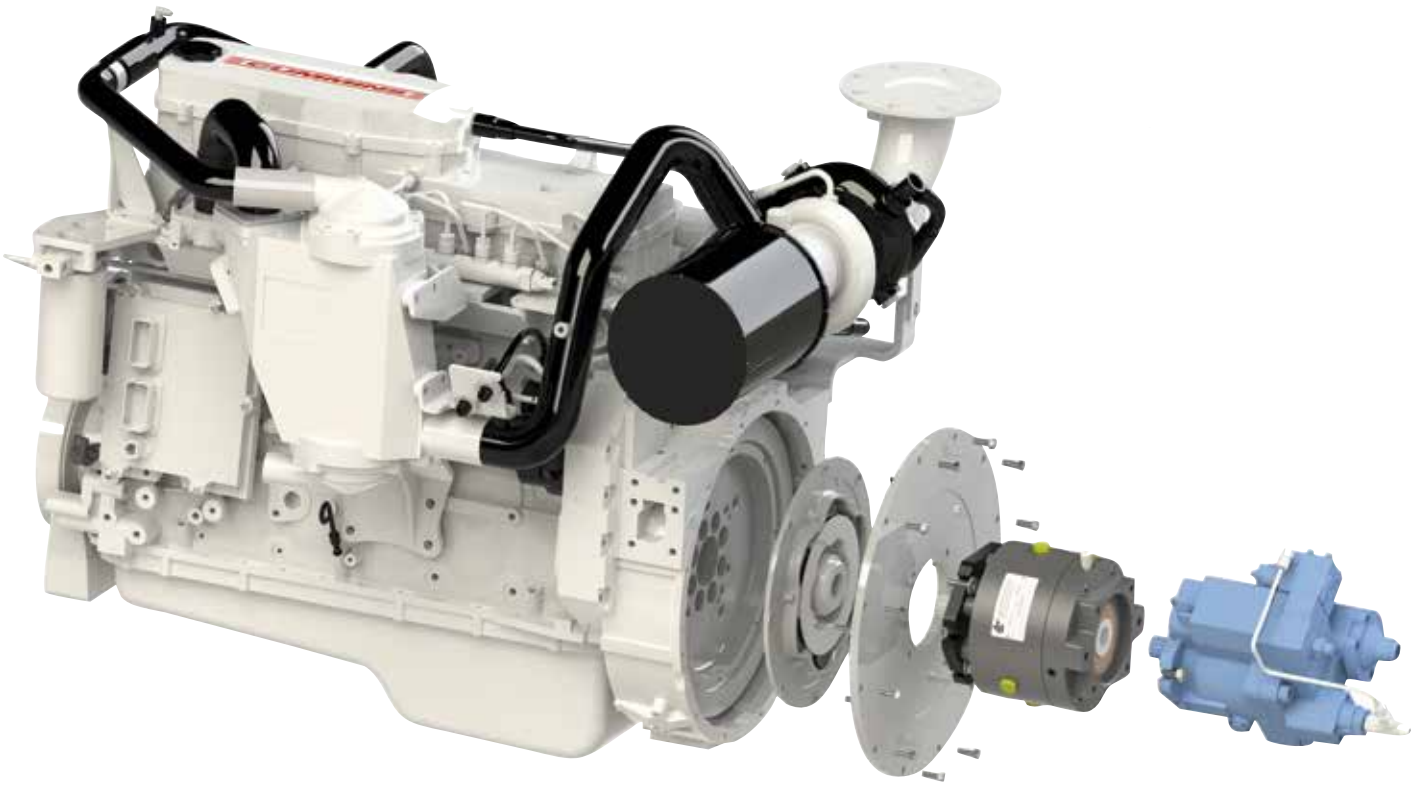


HEAVY DUTY HYDRAULIC / PNEUMATIC PTO CLUTCH UNITS



MEDIUM DUTY ELECTRO MAGNETIC PTO CLUTCH UNITS

For Industrial, Marine,
Construction, Commercial
Transport, Agricultural,
Mining, Oil Field, Rail and
Road Applications



CLUTCH UNITS FROM HERCULES HYDRAULICS

Through our partnerships with two of the worlds leading manufacturers, Hercules Hydraulics can supply clutch units to suit a wide range of industrial and marine applications.

As the sole UK marine distributor for the Logan Clutch Corporation, a recognised leader in the industrial clutch market, we can offer a comprehensive range of hydraulically or pneumatically actuated industrial clutches and brakes for a variety of wet and dry clutch applications.

Logan Power Take Off clutches are used in a variety of Industrial, Marine, Construction, Agricultural, Mining, Oil Field, Rail and Road applications and are designed to mount between the power take-off of the engine and auxiliary attachment, i.e. single multi-station pump drive.



As a distributor for Stromag we can also offer some of the finest electro magnetic PTO clutch units.

Our range was designed and developed to be installed on live power take off points on marine propulsion gearboxes and offers a choice of options to suit virtually any installation requirements.

HEAVY DUTY PTO CLUTCHES

In partnership with the Logan Clutch Corporation, Hercules Hydraulics offer a range of heavy-duty, self contained, corrosion-resistant PTO Clutches for auxiliary and direct-drive applications.



SIMPLE, EFFICIENT, HIGH-TORQUE PTO CLUTCHES

To suit all major engine and gearbox manufacturers.

PTO CLUTCH APPLICATIONS

- Single and Multi-Station Pumps
- Mobile or Stationary Auxiliary Drives
- Connect/Disconnect Direct Drives
- Winches
- Hoists
- Thrusters etc.



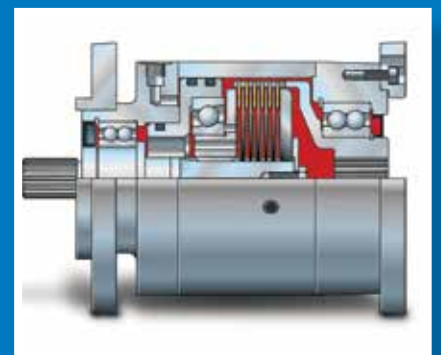
FEATURES

- Heavy-duty, self-contained, corrosion-resistant design requires no external lubrication
- SAE or ISO Mounting Flanges for flexible design parameters
- Air / Fluid-Actuated, self adjusting, multiple-disc pack design
- Rapid engagement / disengagement
- Simple, compact, high-torque design provides 20% more torque than other leading PTO's
- Custom spline, bore and keyways available for specific design requirements



ADVANTAGES

- Less maintenance, since drive is engaged only when required
- Save on energy costs
- Extend the life of your auxiliary drive
- High torque capability minimizes slippage on heavy-duty winch and drive applications.
- Allows remote actuation
- Compact
- Lightweight



BELL HOUSING PTO CLUTCHES

Logan air / fluid actuated Bell Housing PTO clutches are self-adjusting and designed to mount directly onto the engine flywheel.

The friction disc packs are designed for dry operation and actuation is accomplished through either a stationary cylinder piston arrangement, or through internal shaft and clutch passages.

The clutch is bored and key seated for shaft mounting with torque transferred from the disc pack to a geared drive ring, to the flywheel.

BELL HOUSING PTO CLUTCH APPLICATIONS

- Marine Propulsion / Auxiliary Drives
- Mobile Equipment
- Hybrid Vehicles
- Blowers Hybrid Vehicles
- Vacuums Hybrid Vehicles
- Fans
- Tree Chippers
- Generator Sets

ADVANTAGES

- Air or Fluid Actuated
- Field retrofits with existing Twin Disc® or Rockford® style PTO's
- Remote Activation
- Self Adjusting Disc Pack – Minimizes Slippage
- Eliminates Mechanical Linkages, Hand Levers, and Yokes
- Modified Standards Available

STANDARD SPECIFICATIONS

Standard Logan Bell Housing PTO's are available in No.0 to No.7 Size SAE Bells with input torque ratings from 159 Lb. Ft (216 Nm) to over 6,000 Lb. Ft. (8136 Nm).

Air / Fluid operating pressures range from 100 psi. (6.9 bar) to 200 psi (13.8 bar) for standard models.

Operating speeds range from 1 to 3,000 RPM.

Higher horsepower, torque ranges, speeds, actuation pressures, and design configurations are available to meet customer's specific design requirements.



ELECTRO MAGNETIC CLUTCH UNITS



A range of plug in type electromagnetic clutch units from a market leading manufacturer, designed and developed to be installed onto live Power Take Off points on Marine propulsion gear boxes.



Typical use for the gearbox PTO is to power and drive hydraulic pumps, our clutch units interface between the gearbox PTO and the pump units so they can be easily isolated.

On some installations it may be desirable to provide total isolation via a clutch unit to either eliminate potential noise issues or where safety or economy reasons dictate the isolation of the equipment being driven.

These clutch units can be installed on all, SAE B 2 and SAE C, 2 or 4 Bolt mounts and can be fore end driven if required.

The hydraulic pump interface can be varied to suit the application.





Logan Clutch Corporation[®]
manufacturers of clutches and brake products

HEAVY DUTY HYDRAULIC / PNEUMATIC PTO CLUTCH UNITS



MEDIUM DUTY ELECTRO MAGNETIC PTO CLUTCH UNITS

Hercules
HYDRAULICS LTD

Hercules Hydraulics Ltd

Unit 33, Woodview Road,
Torbay Business Park
Paignton, Devon TQ4 7HP

Telephone: 01803 666623 Fax: 01803 664403

Email: info@herculeshydraulics.co.uk
www.herculeshydraulics.co.uk