

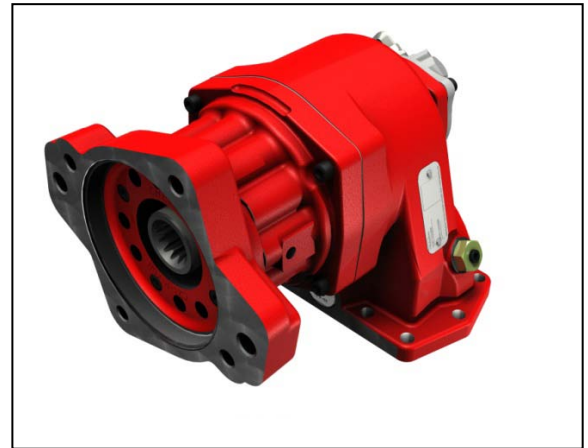
New 870/877 Series

The 870/877 Series 10-Bolt Power Take-Offs (P.T.O.s) are the newest additions to the long line of high torque – heavy duty power take-offs that have set the standards in the truck industry for over 65 years.

The 870 Powershift and the 877 Constant Mesh P.T.O.s offers the same high torque values that are found with the 890 Family of P.T.O.s. The 870 Family is designed to fit the Allison 3000/4000 Series and the Caterpillar CX Series of transmissions.

Product Features and Benefits:

- Up to *670 Lbs.ft [908 Nm] of Torque – Highest in the Industry
- Rotatable Wet Spline Outputs – Pump Clearance and extended shaft life. Eliminates the need to disassemble unit to add grease to pump shaft.
- Small Housing Profile – Better Frame Clearance.
- Less Weight – 5 Lbs. less than the 859 Series.
- Nine Output Speed Ratios – Most options in the Industry for your product needs.
- Integrated Cartridge Valve- Reduces Installation Time.
- Remote Valve Option – Available for chassis fitment problems.
- Nine Output Flange Options – Including DIN5462 and S.A.E. “C”.
- Internal Shaft Brake Option – Self Adjusting Brake that stops low inertia products from turning when P.T.O. is disengaged.



*** NOTE:** Due to the 870/877 Series robust design, there is not a requirement to reduce torque ratings for continuous duty cycles. P.T.O. Torque Ratings for the 870/877 Series are for Continuous and Intermittent applications. Output torque is limited by the transmission manufacture maximum allowable torque for P.T.O. applications. Check application pages for maximum P.T.O. torque.

In the work truck environment where engine torsionals are higher and pump shaft wear can be a service issue, Chelsea's advance designed wet spline options reduce pump shaft fretting and corrosion by a factor of 10. Coupled with the ability to index (rotate) the output flange for maximum pump fitment now provides the installer more flexibility when mounting equipment.

Included with this bulletin: PLHY25-5011 Suppl. A to Addendum A, HY25-0152-B1/US & HY25-0153-B1/US

If you have questions about this bulletin or other technical questions, contact us at:

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