

INNOVATION

SPOTLIGHT from the brands of Altra Industrial Motion Corp.



ELECTRICALLY-OPERATED PTO BELL HOUSING CLUTCHES PROVIDE SAFER AND EASIER REMOTE OPERATION FOR INDUSTRIAL APPLICATIONS

Bell housing PTO clutches are utilized in a wide range of industrial markets, including agriculture, marine, oil & gas, forestry, mining, construction, and rail. The clutches are needed to engage and disengage diesel- or gas-powered engines from driven equipment, including pumps, augers, blowers, compressors, transfer cases, and winches.

Typically, bell housing clutches feature lever-activated mechanical over-center designs that require an operator to manually engage and disengage the clutch, which can present problems if a worker must climb or reach onto operating equipment to access the clutch lever. This is a very time-consuming, costly and, often dangerous process, especially on applications located in harsh, isolated areas such as large agricultural irrigation systems and oil field pump jacks.

WARNER ELECTRIC RESPONDS WITH INNOVATIVE PTO CLUTCH TECHNOLOGY

Based on a growing industry need for a more advanced clutching solution, Warner Electric engineers have recently developed a line of IoT-capable electric PTO clutches that can be conveniently operated from a remote control panel, tablet or cell phone**. The electrically-powered clutches require no hydraulic pumps, cylinders and hoses and no air compressors to operate. This is a significant factor in isolated locations.



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A RANGE OF MODELS TO FIT A VARIETY OF SAE BELL HOUSING SIZES

Four Warner Electric PTO clutch models are offered with torque ratings from 150 - 1650 ft.lbs., for SAE 1 thru 5 bell housings and flywheel sizes ranging from SAE 6" to 14".

Standard hubs are designed to fit common tapered shafts. Custom hubs are available for special applications.

12V, 24V and 90V coils are stocked, however, custom winds are available.

Units are easy install with two lead wires connected to a single plug.

INTERCHANGEABLE WITH ALL MAJOR COMPETITOR LEVER-ACTIVATED PTO CLUTCH DESIGNS

All Warner electrically-operated PTO models are drop-in replacements for existing manual clutches.

AVAILABLE AS STAND-ALONE CLUTCHES OR COMPLETE PTO ASSEMBLIES

Clutches are available as stand-alone units or as complete PTO assemblies, including clutch, bell housing, drive ring and drive disc.

All stand-alone clutches include an accessory kit containing freeze plugs, conversion mounting hardware, and anti-rotation strap.



Warner Electric PTO assemblies include a clutch, bell housing, drive ring and drive disc.

* Source: researchandmarkets.com

** Customer-supplied application required for tablet and cell phone use.