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TWIN DISC BEGINS 2017 WITH LAUNCH OF NEW PTO

The industry leader in power take-offs, Twin Disc, Inc., announces the introduction of a new "Remote Over Center" PTO, the RO 314/311. The innovative product uses a patent-pending design to remotely engage the over-center mechanism in the company's proven SP 314/311 PTO and is complementary to the previously released RO114/RO214.

The RO 314/311 can be engaged and disengaged remotely via a control valve and/or electronic control when machinery configurations or location hinder easy access to activation. Hydraulic or pneumatic actuation is achieved through ports, making access to the fittings uncomplicated and straight-forward.

Hydraulic or pneumatic pressure is required only to engage or disengage the PTO; the fluid or air supply can be shut off when not needed. Without the constant hydraulic or pneumatic flow of other designs, the unit's clutch operation is far more efficient and cost-effective than that of its competition.

The RO 314/311 is dimensionally similar to the current mechanical SP 314/311. It continues to utilize three 14" friction plates in the 314 and three 11" plates in the 311. Existing SPs may be field converted to an RO using kits available from Twin Disc.

The advanced design of the PTO allows for side load and inline applications. External cooling, filtration or a rotary union are not needed.

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Built strong to last, the RO 314/311 excels in a wide range of industrial applications including agriculture, construction, manufacturing, marine, mining, timber, and oil and gas production. The units are installed by OEMs and in custom settings.

Generations have relied on Twin Disc to provide tough and reliable power transmission products for use in the most grueling work conditions. For nearly 100 years, the company has remained a leader in designing and manufacturing the most innovative heavy-duty industrial equipment. Its line-up includes power-shift transmissions, mechanical and hydraulic power take-offs, gearboxes, torque converters, pump drives, air clutches, electronic shift controls and universal control drives.

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