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TWIN DISC DEBUTS GROUND-BREAKING REMOTE OVER CENTER PTO

Twin Disc, global leader in industrial power take-offs, debuts its RO 114/214 "Remote Over Center" PTO. The ground-breaking unit leverages a patent-pending design to remotely engage the over-center mechanism in the time-proven, best-selling Twin Disc SP 114/214 PTO and is complimentary to the previously released RO111/RO211.

When complex machinery configurations or location hinder easy access to activation, the RO 114/214 can be engaged and disengaged remotely via a control valve and/or electronic control. 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 is far more efficient and cost-effective than that of its competition.

The RO 114/214 is dimensionally similar to Twin Disc's current mechanical SP 114/214 and continues to utilize one 14" friction plate in the 114 and two plates in the 214. Existing SPs may be field converted to an RO using kits available from the company.

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 114/214 excels in a wide range of industrial applications including agriculture, construction, manufacturing, marine, mining, timber, and oil and gas production. The units are installed OEM 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 close to a century, 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 & hydraulic power take-offs, gearboxes, torque converters, pump drives, air clutches, electronic shift controls and universal control drives.

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