

APPLICATION STORY

Ogura quality and dependability for outdoor power equipment

Mowing with a riding mower frequently requires a secondary operation with a walk-behind mower to trim those pesky places that a rider can't quite reach. Low hanging tree branches, shrubs and planters, walls, fences and steep hillsides are all obstacles that make lawn care more tedious and dangerous for riding mowers and the storage shed just a bit more crowded.

Rich Manufacturing Incorporated of Thorntown, Indiana produces an interesting solution to this dual machine need in the form of a "Convertible Mower". Rich's unique design places the operator controls on an arm that can be rotated to the rear of the machine for walk-behind operation, or positioned before the seat to convert the mower to a zero



Mower in riding position

turn rider. One machine provides the maneuverability of a walk-behind and the speed and productivity of a rider.

In both operating modes Rich depends on an Ogura electric clutch to transmit power from the engine to the deck. Ogura electromagnetic PTO clutches are fully assembled at the factory and pre-adjusted for optimum performance. Superior design features

include a solid forged rotor, sealed, precision bearings, e-coated exterior surfaces and the ability to adjust for wear, assuring a long and productive life. The customer simply slides the assembly on the engine crankshaft with a mounting bolt and washer, plugs into the machine wire harness and installation is complete.

When power is applied to the clutch, the armature and pulley are magnetically coupled to the rotor and engine power is transmitted through a belt or drive shaft. When the



Mower in walk behind position

coil is switched off the armature is mechanically pulled against a brake surface to assist in safe dependable stops. Ogura PTO clutches are simple to install, fully

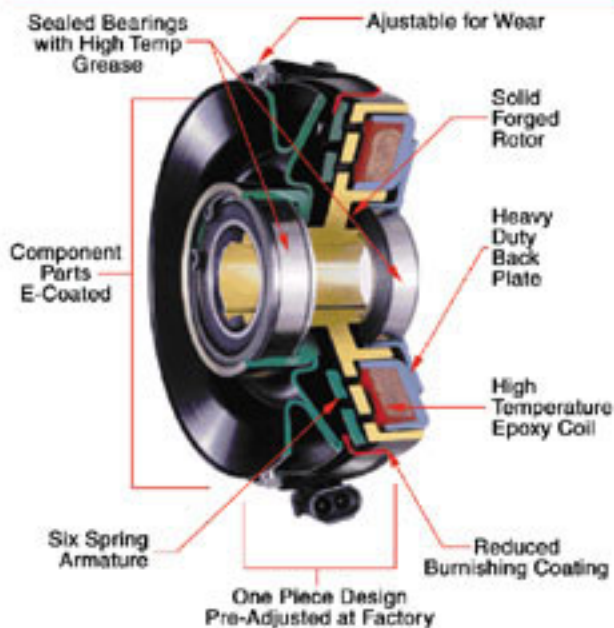
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assembled, field proven and a valuable feature on all types of outdoor power equipment.

Ogura manufactures a broad range of clutches for the turf care industry.

Clutches are available for residential yard tractors and commercial machinery for use on gas and diesel engines from 15 to 34 horsepower. Thanks to Rich Manufacturing and the entire Outdoor Power Equipment Industry, there are even more reasons to say, "Everything about an Ogura clutch works."

For more information on Ogura PTO clutches, visit our website at www.ogura-clutch.com.



PTO clutch/brake design advantage