

# Compact by Design

## Lumber Lug Loader

Material Handling Application

### Application Challenge

A lumber processing OEM required a means of operating rotary 'fingers' on a lug loader without exerting excessive force on the materials. An actuator was needed that could stand up to the dusty sawmill environment adjacent to the saw.

### Project Solution

The Turn-Act OEM Series with a custom thrust bearing rotates fingers that grabs wood and places it into a saw system at a preferred cycle rate. The thrust bearing guarantees a 'non-marring' grab on the wood products.

### Customer Benefit

The customer now has a sustainable competitive advantage in the marketplace for in lug-loader equipment space.

