

# Keyless Rigid Moment Couplings Ensure Connection in Agriculture Conveying Equipment

*Climax C600-Series Keyless Rigid Moment Couplings provide a superior solution for hydraulic motors and gearboxes over traditional misalignment couplings in agriculture applications.*



## The KLD Advantage:

- Eliminates keys, keyways, & set screws prone to shaft damage & fretting corrosion
- Superior to splines which are susceptible to fretting & require expensive machining
- When shrink fits or press fits are difficult to install & remove
- KLDs requires only simple hand tools for installation & removal
- KLDs transmit high torque, thrust, & bending loads

When it's time to harvest mature crop growth, combine harvesters are the most commonly used harvesting equipment by farmers. With an expected annual growth rate of 8.2% through 2030, combine harvesters are equipped with multiple conveyor belts that facilitate the reaping, threshing, and winnowing required during the harvesting process. Traditional methods for mounting hydraulic motors and gearboxes in conveyor applications often incorporate misalignment couplings that require frequent servicing. This potential failure can lead to downtime, negatively impacting production and profitability.

Climax Series C600 Keyless Rigid Moment Couplings contain no wear parts that require service, providing a superior solution for hydraulic motors and gearboxes compared to traditional misalignment couplings. Shaft mounting the drive eliminates common issues that lead to premature bearing and motor failures in harvesting combines. These keyless rigid couplings provide high torque and bending capacities necessary for conveying equipment. As a result, agricultural machinery operates efficiently and ensures less downtime. Climax C600s have an infinite service life and can be installed and removed using simple hand tools, making them ideal for field serviceability.

Climax Metal Products carries a robust inventory of both straight and step-bore components ideal for agricultural applications. Our in-house team of engineers will help customize a solution for any production process. Contact us today to discover how Climax can provide you with a tailored **Engineered Shaft Locking Solution™**.

