



HIGHLIGHTS

- Unique gear coupling
- 15.00" of axial slide
- 6,000 RPM maximum speed rating
- Nearly \$40,000 in savings compared to OEM replacement coupling

Application Success Story



Custom Amerigear Coupling Paper Mill Unwind Stand

PROBLEM

A large paper mill in the U.S. that makes various paper products used specifically in the packaging industry required a replacement coupling for a machine that was originally made by GL&V, a global manufacturer of paper machines and other paper-related equipment.

Paper mills are very complex machines with many mechanical drives. This makes for very challenging power transmission layouts. The variables in the arrangements mean that every part could be unique for that specific mill. This poses a problem for paper machine OEMs. Requiring many unique individual drivetrain components is difficult to manage and not cost-effective. In response, OEMs sometimes specify products with many features built-in, allowing one component to be installed on a variety of paper mills. However, this approach can also make a part expensive and hard to get.

This was the case for a special gear coupling that drives the unwind stand core chuck on the No.1 machine at the mill. The coupling had many special features built into it, but not all were necessary. When the mill contacted the OEM for a spare coupling, the price was staggering.

SOLUTION

Upon hearing of the situation, a sales associate at Motion Industries contacted Ameridives after he obtained the details regarding the current coupling along with the application requirements. Ameridives designed a special gear coupling with 15.00" of axial slide for this specific application. The Ameridives team referenced previous paper mill applications that utilized this type of coupling.

The best part of the story is that the price for the new, custom Ameridives coupling saved the customer almost \$40,000. By supplying the right product for the right application, Motion Industries, together with Ameridives Couplings, was able to provide value-added service while helping to reduce the customer's costs significantly.

US (Customer Service)

1-814-480-5000 (Universal Joints, Driveshafts)

1-888-449-9439 (Small Industrial Driveshafts)

1-219-874-5248 (Irrigation Universal Driveshafts)

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