



Products

Americardan 3000 Series Universal Joint

Application

Automobile Shredder

Highlights

- Peak torque
4,890,000 lb. in.
(553 KNm)
- Long service life,
7–10 years
- Simple design for easy
user maintenance
- Single-source contract,
packaged with TB Wood's
sheaves and Wichita
Clutch clutches

The Model U3440 universal joint functions as the main drive shaft for the shredder rotor. It is designed to be serviced by the user, with wear components such as clutch plates able to be replaced in a single shift.

In this application, the shredder is powered by natural gas engines, however, the most common shredder drive is an electric motor. In the case of an electric motor drive, the motor is coupled directly to the shredder via the universal joints. Belts, sheaves and/or clutches required in this application would not be necessary with an electric motor configuration.

Ameridrives packaged its Americardan Series 3000 universal joint with sheaves from TB Wood's and clutches from Wichita Clutch to become a single-source supplier for a scrap metal processor operating a rotary hammer car shredder powered by two natural gas engines.

The universal joint, two 30-inch sheaves, one 60-inch sheave and two clutches were provided to the customer who acted as his own general contractor and OEM on the project.

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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