

Belts and Sheaves Can Be Easily Changed to Modify Final Output Speed

## Dodge Torque Arm II Shaft Mount and Screw Conveyor Drives

Dodge Torque Arm II (TAII) reducers are engineered with advanced sealing systems, twin taper bushings, and high torque ratings, making them ideal for extended service life in the most demanding applications. TAIL drives are part of the modular reducer category, allowing for easy maintenance and reduced operational downtime. Common replacement parts such as belts, sheaves, and rebuild kits, are readily available and easy to stock, ensuring that field maintenance can be performed quickly and efficiently.

With twelve case sizes available, ranging up to 400HP and torque ratings as high as 500,000 in-lbs., TAIL drives are versatile and powerful. Though most commonly installed using the CEMA standard screw conveyor adapter option, which includes a 3-bolt drive shaft, TAIL gearboxes may also be utilized in a torque arm configuration. While TAIL drives may come at a higher initial cost compared to gearmotor drive packages, their durability, superior performance, and simplified maintenance processes prove to be a wise investment in many bulk material handling applications.

### Features

**High Torque Ratings** – TAIL gear reducers can handle applications as high as 500,000 in-lbs. of torque.

**Available Stock Parts** – Replacement belts, sheaves, and rebuild kits, are readily available.

**Twin-Tapered Bushings** – Patented twin-tapered bushing system for easy installation and removal.

### Benefits

**Adaptability** – Belts and sheaves can be easily changed to modify final output speed.

**Reliability** – Harsh duty sealing system protects against contamination to extend service life.

**Versatility** – Available with screw conveyor adapter or torque arm configuration.



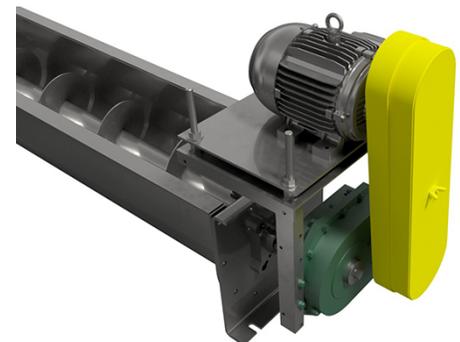
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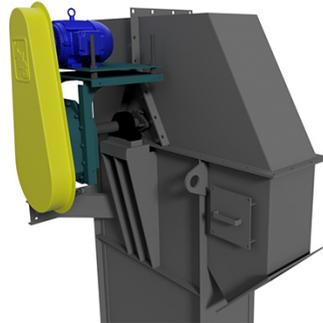
TAII Gear Reducers Can Handle High Torque Applications



Screw Conveyors Commonly Use Dodge TAIL Gear Reducers with a CEMA Adapter



# Features & Benefits



Bucket Elevators Commonly Use Dodge  
TAll Shaft-Mounted Gear Reducers



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