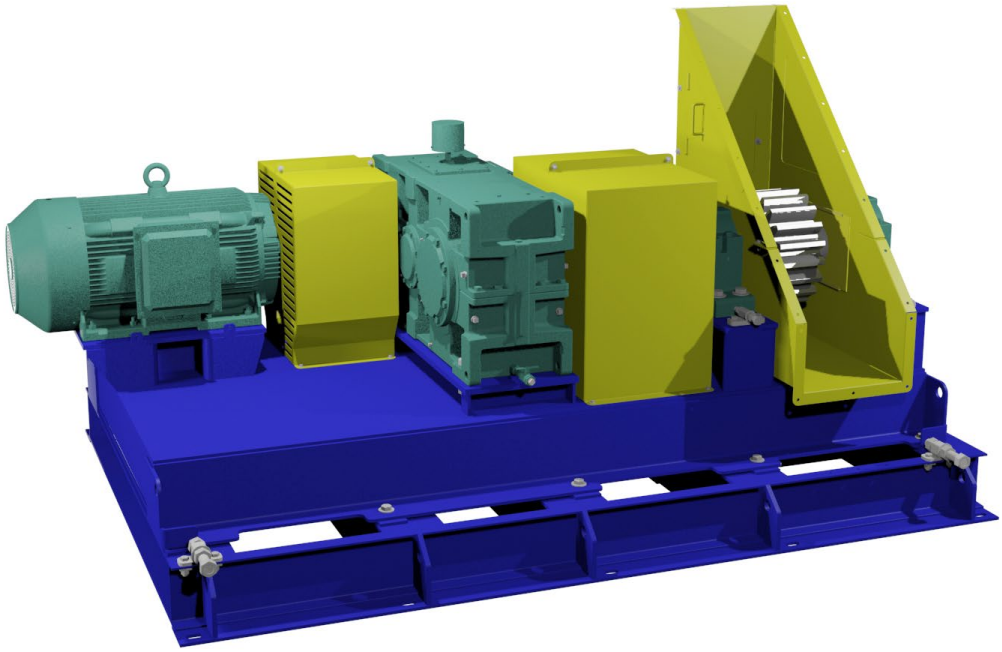
FEECO INTERNATIONAL

UNITIZED DRIVE BASE



BENEFITS OF A FEECO UNITIZED DRIVE BASE

The unitized drive base is a base we engineered to make installation, alignment, and maintenance of rotary drum drive components easier and less time consuming. We know that downtime means money lost. We developed this drive base with an adjustment sole plate to minimize turn-around time not only during installation, but also during routine maintenance. This time saver can be used for **rotary kilns, rotary dryers, rotary calciners, rotary coolers,** and **rotary granulators**. Our unitized rotary drum drive base offers three main benefits:

QUICKER INSTALLATION: At installation, the FEECO unitized drive base is shipped to you in one piece, completely assembled, and pre-aligned. Through simply leveling the sole plate, the motor, reducer, couplings, bearings, and pinion gear alignment is complete.

SAVINGS IN LABOR: Backlash adjustments with the unitized drive base can be checked or adjusted in minimum time. Without the unitized drive base, adjustment commonly takes two men two or more days. Assuming that backlash is adjusted twice the first year of operation and annually thereafter, labor savings are expected to be in the $5,000-$10,000 range.

INCREASED GEAR LIFE: A unitized drive base can add life to the girth and pinion gear as it allows plant personnel to check and correct misalignments promptly. Other designs are more time consuming so plant personnel tend to defer fixing misalignments and allow the gears to operate when out of alignment.

HOW DOES IT WORK?

The entire drive is mounted on an adjustable, one-piece drive base to allow for backlash adjustment of the pinion gear.

The drive base is bolted down to a sole plate resting on custom leveled "mounting pads." Only eight adjustment screws are used to easily adjust the entire unitized base. This means there is no having to separately realign each component of the drive.

Upon readjustment of the adjusting screws, the unit is "locked" securely using the hold-down bolts to secure the base to the mounting pads.

3913 Algoma Rd. Green Bay, WI 54311, USA • Phone: (920)468.1000 • Fax: (920)469.5110 • **FEECO.com/contact**