

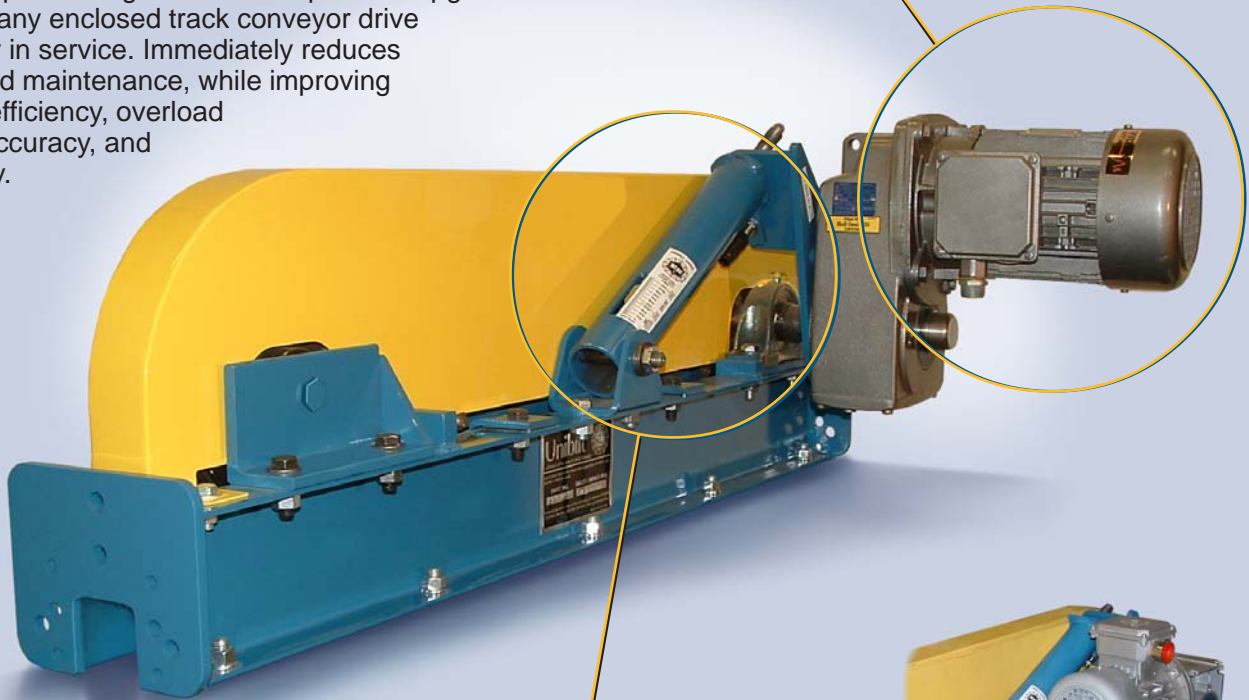
Unibilt® Caterpillar Drives

Cost efficient, energy efficient and durable

The new 750# Unibilt drive provides maximum efficiency and flexibility for all enclosed track conveyor applications including overhead and inverted.

The compact configuration can replace or upgrade virtually any enclosed track conveyor drive currently in service. Immediately reduces noise and maintenance, while improving energy efficiency, overload cut-off accuracy, and durability.

The motor mounting frame allows the motor/reducer to stay in an upright orientation. The drive frame is turned over for inverted applications.



Replacing the drive belts and sheaves with the compact motor/reducer combination sends more power directly to the drive. This could increase the power transfer from 60% to nearly 98%.

The patented torque arm assembly and proximity sensor offer precise full-range adjustment of the chain pull overload cut-off. High visibility torque arm indicator enables easy visual confirmation of overload chain pull cut-off setting.



New 300# Caterpillar Drive
Designed to be more compact in size, cost efficient, and upgradable; the new drive uses a worm gear reducer.

Standard Drive Features

- High-efficiency helical bevel gear reducer mounted to the drive shaft resulting in increased energy efficiency of nearly 98%.
- The 300# drive has an economical wormgear reducer and is upgradable to a 750# drive.
- Universal frame design – allows one design to be used for overhead, inverted, right or left hand drive configurations.
- Standard inverter duty motor provides a variety of inverter options.
- Low profile design – height reduction of 14 inches enables drive to fit into tight locations.
- Fewer parts – direct-drive technology eliminates belts and sheaves from the drive, reducing maintenance requirements.
- Innovative torque arm assembly (patent pending) allows for quick, easy and precise setting of the overload cut-off.
- End yoke use is an optional built-in feature.



**JERVIS B. WEBB
COMPANY**
WORLDWIDE MATERIAL
HANDLING SOLUTIONS

The new design is interchangeable with 600# Unibilt caterpillar drives.
 To order a new Unibilt 750# drive, please complete the form below.
 Once you have completed the information, please fax the form to
 248-553-1253 or call 1-888-UNIBILT (864-2458)



Drive Size

750#

300#

Drive Speeds
 (Select One):

Constant (1800 rpm)

(with) Inverter Option

300# 5 fpm 15 fpm 60 fpm

1 fpm min. - 5 fpm max. 3 fpm min. - 15 fpm max. 12 fpm min. - 60 fpm max.

750# 5 fpm 17 fpm 60 fpm

1 fpm min. - 5 fpm max. 4 fpm min. - 17 fpm max. 12 fpm min. - 60 fpm max.

Requested Factory Preset Speed:

Motor Options

(Select One):

230/460 VAC

575 VAC

230/460 VAC with Brake

575 VAC with Brake

230V Motor-Mounted AC Frequency Inverter*

460V Motor-Mounted AC Frequency Inverter*

230V Motor-Mounted AC Frequency Inverter* with Brake

460V Motor-Mounted AC Frequency inverter* with Brake

**Note: Optional motor-mounted frequency inverter (VFD) can be factory set at your desired speed within the 5:1 ratio (e.g., 30 fpm). To order a pre-programmed speed, enter your desired speed within an appropriate range in the drive speed section above or, please contact technical support at 1-888-UNIBILT for assistance.*

Overload Sensor Options

(Select One):

Standard Proximity Sensor (20-250VAC/ 10-300 VDC)

Optional Top Push A-B 440P Limit Switch – Non-Stock

Optional Proximity Sensor (24 VDC)

System Type

(Select One):

Overhead

Inverted

Conversion Kit – 600#
Drive to 750# Drive

Upgrade Kit – New 300#
Drive to 750# Drive

Motor Side with Travel

(Select One):

Right-hand Drive

Left-hand Drive

Name: _____

Comments: _____

Company: _____

Phone: _____

Fax: _____

World Headquarters

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