



JERVIS B. WEBB  
COMPANY

# Unibilt®

## Enclosed Track Conveyors

Most conveyors are made to look like a Unibilt conveyor, but they're just not designed to give the reliable performance of a Unibilt conveyor.

### *Track:*

Unibilt track is precision roll formed from patented **WEBBALLOY II™ steel**, a specially formulated high strength carbon steel that is harder, stronger, and designed to last longer.

#### **WebbAlloy II Steel**

Standard Unibilt track made from **WebbAlloy II steel** is **26% stronger** than normal 1018/1020 mild steel.

#### **Roll Formed**

**Roll formed steel**, unlike brake formed steel, ensures consistency of size and cross sections.

#### **Heat Treated**

24" radius and 36" radius horizontal turns and 24" vertical curves are **heat treated on the wear surfaces** for added anti-wear qualities.

### *Chain:*

**Side Links** are heat treated for longer life.

**Wheels** are machined, not stamped with through hardened inner and outer bearing races. Wheel races and ball bearings are manufactured from alloy steels, including high-carbon, high chromium, and 52100 alloy steel.

**Chain Pins** are symmetrical, precision drop-forged and heat treated from carbon alloy steel, not stamped.

**"H" Attachments** are built out of 3/16" thick zinc plated steel material to accommodate maximum chain loading.

#### **Machined Steel Wheels**

Both **horizontal guide and vertical load wheels** are made from 52100 alloy steels selected for superior wear performance and improved corrosion resistance.

#### **125 lb Capacity**

Load carrying capacity of **125 lb** per axle.

#### **10,000 lb Strength**

Ultimate strength is over **10,000 lb** providing a 13 to 1 safety factor

### *Drives:*

Unibilt 750# drive units feature a compact, high-efficiency inverter duty motor/reducer combination that sends more power directly to the drive. This configuration immediately reduces noise and maintenance, while improving overload cut-off accuracy and durability

#### **Automatic Cut-off**

The **electrical automatic cut-off device** is factory adjusted to stop the motor/reducer automatically when an overload condition occurs.

#### **High Strength Steel Dogs**

**Solid fixed heat-treated steel** caterpillar driving dogs.

#### **Torque Arm**

**Adjustable**

For your local distributor call... **1-888-UNIBILT**

JERVIS B. WEBB COMPANY  
WORLDWIDE MATERIAL HANDLING SOLUTIONS



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