

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 50% stronger** than 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 full ball complement machined, not stamped retainer type, 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, improving overload cut-off accuracy and durability.

Automatic Cut-off

The **electrical automatic overload sensor** 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

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