

## Positive self-tracking and Low Maintenance

Allows side loading and unloading.

## Automatic Belt Adjustment

This feature compensates for expansion and contraction of the belt when used as an oven or cooling conveyor.

## Unitized Construction

Unitized construction means cost savings, simplified alteration, and fast and easy assembly of the conveyor. Internal bracing provides a permanent square frame for each 10' long welded section.

## Multiple Speed Selections

Variable speed, fixed speed and indexing are available to accomplish your production conveyor needs.

## Positive Drive For A Chainless Conveyor

Positive drive eliminates belt slip and permits movement of heavy loads. Special sprocket design prevents tooth jumping at overload.

An optional drive that is totally enclosed within the conveyor is also available for safety purposes.

## Convenient, Multiple Controls (Fixed or Variable Speed)

Convenient controls can be located in a separate enclosure, or on a recessed panel in the conveyor frame for safety and appearance: Start button, forward/reverse lever, speed adjusting knob, calibrated speed dial, reset button. Panel interlock disconnects power for safety. An optional safety switch cord can be placed on both sides of the conveyor for convenient stopping of the conveyor from any workstation along its length.

## Modifications And Special Conveyor Requirements Are Not A Problem

Special conveyor requirements are not a problem. Armorbelt's versatility allows for numerous modifications to meet your specific requirements. Armorbelt can run as a horizontal, incline, or vertical conveyor.

## Uniqueness of Design

### Light Weight And High Load Capacity

The steel belt links are light in weight with an extremely high load carrying capacity. Because Armorbelt uses a full width connector, and runs on ball bearing rollers, its belt has approximately four times the total load capacity of a chain and slat conveyor of equal tensile strength. The total load capacity of a 6" pitch Armorbelt is 16,000 pounds maximum, and an Armorbelt with a 12" pitch has a maximum load of 64,000. The beam strength of Armorbelt is high because of the stiffener welded to the bottom of each slat. For specific beam strengths of the slats, please consult our factory.

### Lower Horsepower And Power Requirements

The lightweight metal slats and hardened steel rollers give Armorbelt a lower horsepower requirement than chain or standard belt conveyors. The belt running friction of Armorbelt is .027, while the running friction of a standard chain and slat conveyor is .087. Armorbelt conveyor system requires only 1/4 the horsepower needed by ordinary chain and slat conveyors and only 1/20 the horsepower needed by fabric belt or slider bed conveyors.

### Dimensions of Standard Armorbelt

**Belt-** 3", 6", and 12" pitch. Zinc coated steel.

Also furnished in stainless steel and aluminum.

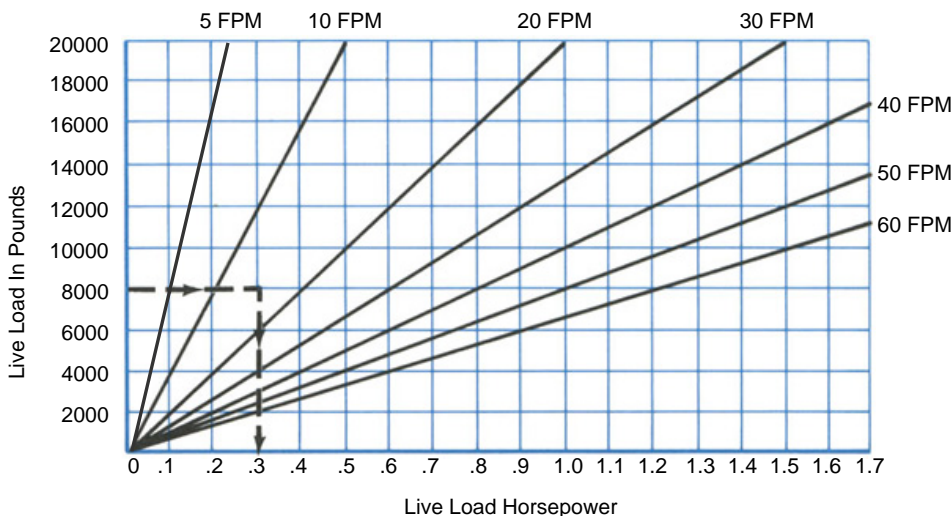
6" pitch is most economical, and popular. 3" pitch is used when a narrow body depth is desired. 12" pitch is used for heavy loads.

**Width (inches)-** 6, 12, 15, 18, 21, 24, 30, 36, 42, 48, 54, 60, 72, 84

Other widths available on order

**Length-** 3' to 200'

**Height-** Specified by the customer. Standard adjustable legs allow for heights plus or minus 4" of the specified height.



Simple side guides mounted on an Armorbelt