

# BLACKBELT

THE "HAUL-IT-ALL" CONVEYOR BODY

# Henderson



## EFFICIENCY IT'S IN THE GENES

Faithful to Henderson's tradition of efficient, hard working products, the Henderson **BLACKBELT** is truly a "Haul-it-All" phenomenon. Tough enough to attack loads of all types. The **BLACKBELT** is especially suited for asphalt, but rip-rap, all aggregates, dirt and ethanol bi-products are a cinch, making this an ideal year 'round work horse. A real budget-stretcher, no seasonal equipment changes.

At the heart of the system is a high temperature, 54" wide conveyor belt that rides directly on a self-lubricating floor liner to reduce friction. The pure belt chainless conveyor system eliminates drag chains and associated wear, maintenance, and down

time. A key feature of the drive system is the LSBT "Load Sense Belt Tension" system, which adjusts belt tension depending on varying torque requirements. The floor is 3/16" AR400 to enhance impact resistance.

**BLACKBELT** is designed for tandem axle trucks and is available from 14' to 22' lengths ranging from 16-25 cu. yd. capacity.

The main drive drum at the rear is rubber sheathed to provide a positive grip and prolong belt life. In addition, the drive system is designed to maximize the transfer of torque and eliminate drive drum/belt slippage.

Sides are sloped at a steep angle to assure optimum load clean-out of nearly all materials and reduce friction, resulting in minimal abrasion to the sides. The tailgate is a hi-lift style assuring plenty of opening for the largest of materials.

**BLACKBELT** interfaces with as-

phalt paving machines perfectly because it is designed with the correct overhang and clearance needed to deliver the load effortlessly and without hang-ups. It won't hang up on the pavers, even when delivering material on the fly. No hoist means: no interference with overhead obstacles like trees and electrical wires, eliminates high center of gravity and tip-overs, and optimizes interaction with asphalt paving machines or seal coat lay down machines.

Specify the Henderson **BLACKBELT** when you need the ultimate asphalt hauling body that is versatile enough to serve you all year, in all kinds of hauling requirements. The **BLACKBELT** "Haul-it-All" conveyor body is another reason that Henderson products have earned the reputation of...

*The Dependable Ones*

# FEATURES & SPECIFICATIONS

## SPECIFICATIONS

### Conveyor System

- Conveyor belt is 54" wide
- LSBT – "Load Sense Belt Tensioning" System
- Two different belt types available:
  - ◇ Aggregate
  - ◇ High temperature
- The floor is 3/16 AR 400 to enhance impact resistant
- The AR400 floor is covered by heat resistant UHMW floor liner
- Twin high torque gear case drive system
- Positive drive system eliminates slippage
  - ◇ Large diameter vulcanized rubber drive drum
  - ◇ Snubber roller increases belt wrap on drive drum

### Sides

- One piece sides with fully boxed, debris shedding top rail.
- 61" side/headsheet height
- 10 ga AR400
- 71 degree slope
  - ◇ Allows total clean-out of almost all materials
  - ◇ Reduces friction on the drive system
  - ◇ Reduced abrasion resistance/wear
  - ◇ Minimizes/eliminates need for UHMW liners
- Boxed vertical intermediate brace reinforces top rail
- Two horizontal weld-on braces

### Tailgate

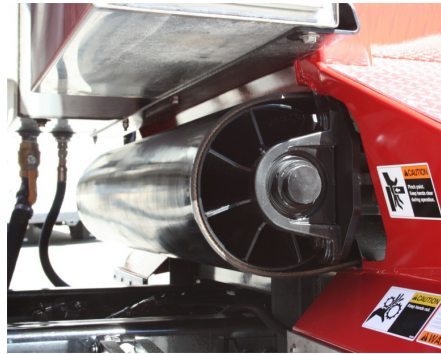
- Full perimeter boxing
- Over-center tailgate latches
- High-lift tailgate is operated from the cab by one air cylinder
- Concave tailgate sheet for added rigidity

### Light packages

- Combo stop/turn/tail lights are rubber-mounted in enclosed sealed light brackets
- I.C.C., rear clearance lights, and reflectors are included
- All lights are rubber-mounted, shock-resistant

Length	Capacity (cu. yd.)	Weights	Body Width/ Overall Width	Recommended Chassis C/T	
				Standard	* Asphalt
14'	16.10	6035	96"/101"	110"	98"
15'	17.25	6226	96"/101"	122"	110"
16'	18.40	6418	96"/101"	134"	122"
17'	19.55	6609	96"/101"	146"	134"
18'	20.70	6801	96"/101"	158"	146"
19'	21.85	6992	96"/101"	170"	158"
20'	23.00	7184	96"/101"	182"	170"
21'	24.15	7375	96"/101"	194"	182"
22'	25.30	7566	96"/101"	206"	194"

\* Ideally mounted to feed paver - 30" from back of tire to point of discharge



### LSBT—"LOAD SENSE BELT TENSIONING" SYSTEM

A key design feature of the drive system, which adjusts belt tension depending on varying torque requirements and prevents belt slippage on drive drum.

## OPTIONS

- Trapezoidal tool box
- Trapezoidal oil reservoir
- Conveyor speed control
- 3/16 AR400 sides and ends
- 1/4" AR400 floor
- Insulated body
- Aluminum tread plate fenders
- Electric roll tarp



Trapezoidal tool box

Trapezoidal oil reservoir

### Profiles / Center of Gravity Comparisons

