



RAZERTAIL® TRUCK UNLOADER

48" / 72"

Directly **transfer material from truck to stockpile** and remove extra handling to guarantee product quality. ■

Unload times as little as **60 seconds per truck load**. ■

While conventional truck unloaders can require days to install, these **portable units take just minutes to be production ready**. ■

Our **patented self-cleaning ramps** ensure any extra material is fed to the hopper after a truck's exit, limiting maintenance. ■

HIGHLIGHTS



- 1/ **TAIL PULLEY ACCESS:** Hinged cover allows for easy maintenance access to take-ups and tail pulley.
- 2/ **SELF CLEANING RAMPS:** Patented, hydraulically controlled ramps quickly dumps any spilled material into the hopper.
- 3/ **DRIVE OVER GRATES:** Bolt on design allows for easy maintenance access under the grates. In addition, a variety of designs handle material up to 8" minus.
- 4/ **OPERATOR PLATFORM:** Standard at the tail end to increase operator visibility and safety.
- 5/ **POWERFOLD:** Patented powerfold protects hydraulic cylinder rods from debris during operation.

- 6/ **WRAP DRIVE:** Combining a drive and a snub pulley creates higher wrap factor for better belt tensioning and reduced material spillage. The install location is conveniently accessible from ground level.
- 7/ **TRUSS FRAME:** Compared to channel frame designs, this robust structure is less prone to bending.
- 8/ **ADJUSTABLE HEIGHT DISCHARGE:** Hit multiple height feed points and eliminate the need for a transfer conveyor when feeding a stacker.
- 9/ **FLOW GATE:** Designed to accommodate a higher flow of material while avoiding spillage.

- 10/ **HOLD DOWN WHEELS:** Large surface area ensures effectiveness in operation. Spokes in wheels prevents material build up.
- 11/ **IMPACT IDLERS:** These rubber idlers absorb shock to protect belting from premature damage.
- 12/ **CHEVRON® PULLEY:** Patented v-shaped pulley deflects fugitive material to extend pulley life and lessen belt wear. In addition, constant belt contact reduces vibration and noise generation by 50 decibels.

FEATURES AND OPTIONS



ONBOARD POWER CUTS RELIANCE ON ELECTRICITY



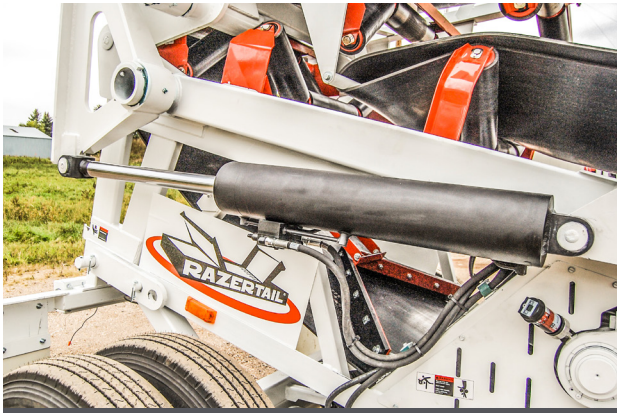
AREA LIGHTING FOR CLEAR SIGHTLINES



ONBOARD TRUCK RAMPS DEPLOY IN MINUTES



SINGLE OR DUAL OPERATOR PLATFORM



CYLINDER RODS PROTECTED DURING OPERATION



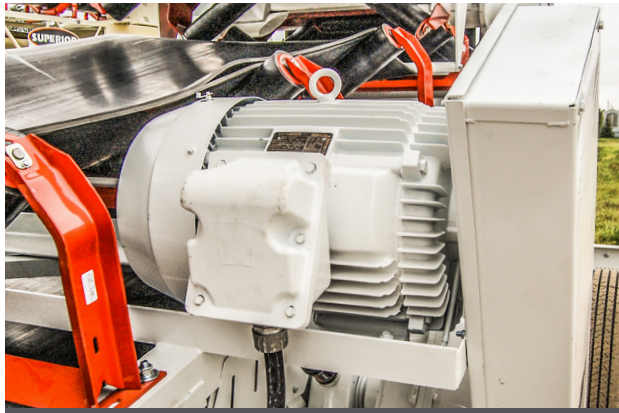
UHMW PLATES CONTAIN MATERIAL TO BELT



BOLT ON HOPPER GRATING



ADJUSTABLE FLOW GATE CONTROLS RATES



WRAP DRIVE PREVENTS BELT SLIPPAGE

SPECIFICATIONS

OPERATING DIMENSIONS	48"	48" w/ Adjustable Discharge	72"	72" w/ Adjustable Discharge	72" Haul Truck
Tons Per Hour (tonnes/hour)	1,000 (907)	1,000 (907)	1,500 (1,360)	1,500 (1,360)	2,000 (1,814)
Maximum Material Size (mm)	4" Minus (101)	4" Minus (101)	4" Minus (101)	4" Minus (101)	8" Minus (203)
Cycle Time per Minute (tonnes)	2.5 for 30 Tons (27)	2.5 for 30 Tons (27)	2.5 for 30 Tons (27)	2.5 for 30 Tons (27)	2.5 for 40 Tons (36)
Earth Ramp Height (mm)	32" (812)	32" (812)	32" (812)	32" (812)	43" (1,092)
Discharge Height (m)	6'-11" (1.9)	7'-2" (2.2) - 11'-5" (3.5)	8'-1" (2.4) - 12'-8" (3.8)	8'-1" (2.4) - 12'-8" (3.8)	6'-9" (2.0) - 10'-3" (3.1)
Conveyor Length (m)	53' -6" (16.3)	63' -0" (19.2)	78' -7" (24.0)	67' -6" (20.5)	74' -9" (22.8)
Conveyor Width (m)	6' -4" (2.0)	6' -4" (2.0)	7' -4" (2.2)	7' -8" (2.3)	9' -4" (2.8)
Load Ramp Width (m)	10' -2" (3.0)	10' -2" (3.0)	10' -4" (3.1)	10' -0" (3.0)	7' -6" (2.3)
TRAVEL DIMENSIONS					
Travel Length (m)	52' -4" (16.0)	46' -8" (14.2)	52' -6" (16.0)	52' -6" (16.0)	74' -2" (22.6)
Travel Height (m)	10' -2" (3.0)	13' -1" (4.0)	12' -6" (3.8)	12' -8" (3.9)	13' -11" (4.2)
Travel Width (m)	12' -1" (3.7)	11' -1" (3.3)	11' -10" (3.6)	11' -10" (3.6)	13' -8" (4.1)
Weight at Axle (kg)	15,700 (7,121) / 19,800 (8,981)	19,500 (8,845) / 23,700 (10,750)	27,000 (12,246)	26,400 (11,974) / 29,000 (13,154)	48,800 (22,135)
Weight at Kingpin (kg)	12,200 (5,533) / 16,300 (7,393)	19,100 (8,663) / 19,600 (8,890)	18,000 (8,164)	19,400 (8,799) / 24,000 (10,886)	39,900 (18,098)
Axles	Single	Tandem	Tandem	Tandem	Tridem

See video at bit.ly/razertail

APPLICATION PHOTOS



END DUMP TRUCKS TO MATERIAL STOCKPILE



BELLY DUMP TRAILER TO RAILCARS



30 TON HAUL TRUCK TO BARGE