

RazerTail® Truck Unloader



Quick and Easy Setup

Conventional truck unloading systems typically demand a full day of setup and arrangement, chewing valuable time from your bottom line. RazerTail truck unloaders maximize mobility.

- ▶ Short, earthen ramps that take minutes to build
- ▶ Easily move unit from one site to another

Reduce Dependence on Loaders

Adding a patented RazerTail truck unloader into your operation will create a whole new level of efficiency and speed.

- ▶ 90 second truck cycle times
- ▶ Transfer 25 ton of 100 PCF material at 1000-1500 STPH
- ▶ Discharge into any type of conveyor system

Maintain Material Quality

Minimize loader use and prevent stockpile segregation to ensure that the mix meets tough specifications.

- ▶ Savings in labor, fuel and maintenance
- ▶ Reduce multiple handling of material
- ▶ Eliminate traffic congestion between multiple trucks and loaders

Multiple Product Configurations

Superior offers the largest range of sizes and options on the market today.

- ▶ 48" belt with 44' discharge conveyor
- ▶ 48" belt with adjustable height discharge conveyor
- ▶ 72" belt with 68' discharge conveyor
- ▶ 72" belt haul truck model

Quick and Efficient Truck Cycle Times

Step One

- ▶ Belly or end dump truck positions itself over feeder grates.



Step Two

- ▶ Truck dumps material onto RazerTail truck unloader which is fed onto stacking conveyor.

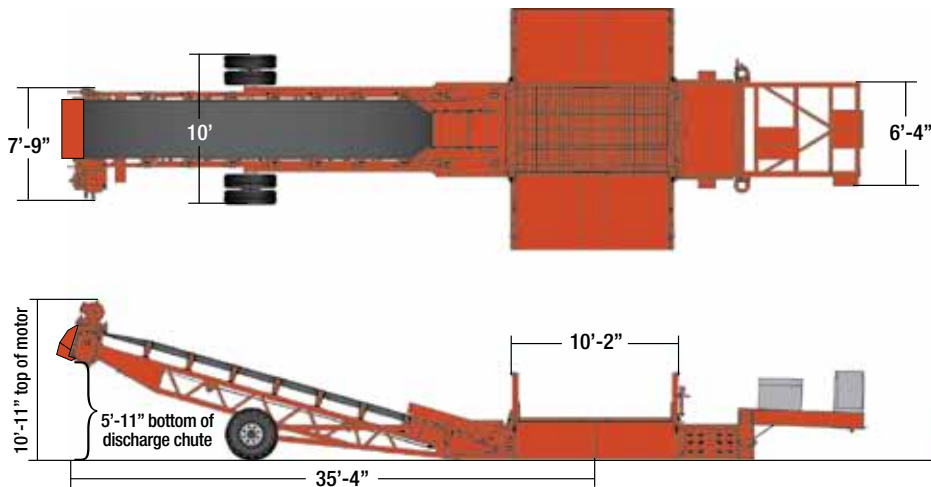


Step Three

- ▶ Truck exits and triggers self-cleaning, hydraulic ramps.

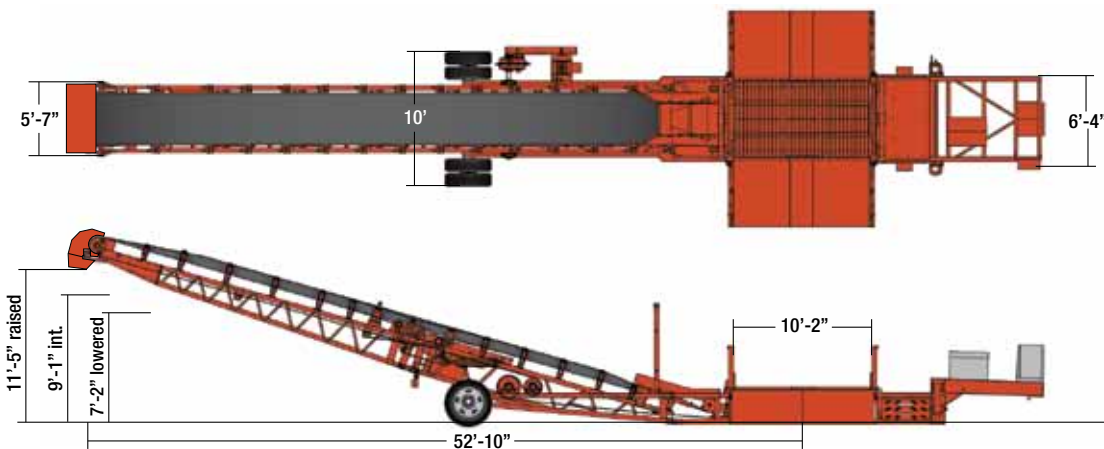


48" RazerTail Truck Unloader



1000 STPH
 2" minus material size
 3-4 minute unload time
 32" earthen ramp

48" with Adjustable Height Discharge Conveyor



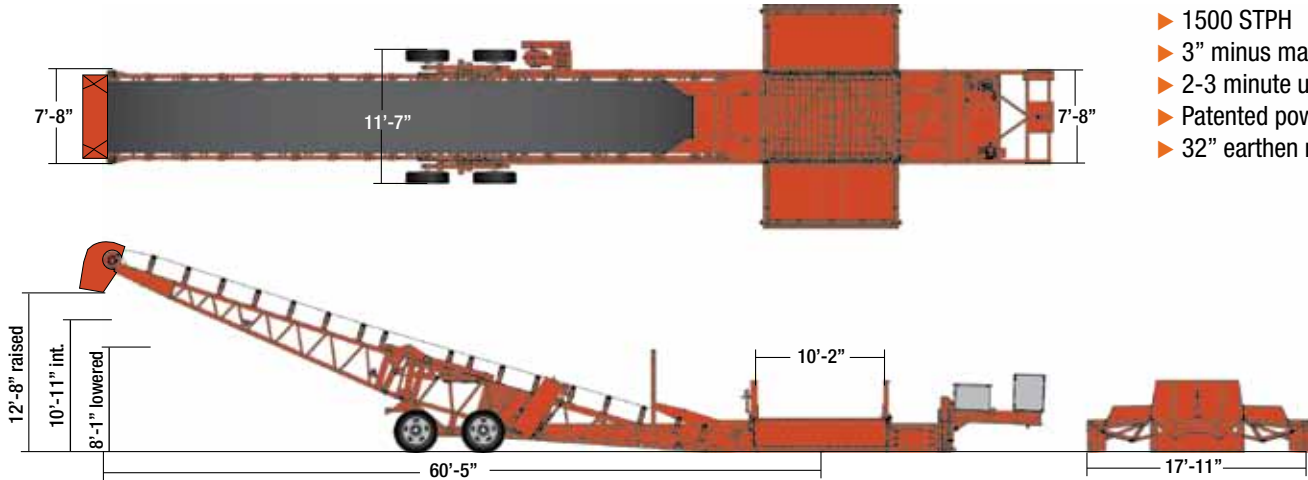
- ▶ 1000 STPH
- ▶ 3" minus material size
- ▶ 48" belt width
- ▶ Adjustable discharge height
- ▶ Patented power folds
- ▶ 32" earthen ramp



48" RazerTail Truck Unloader

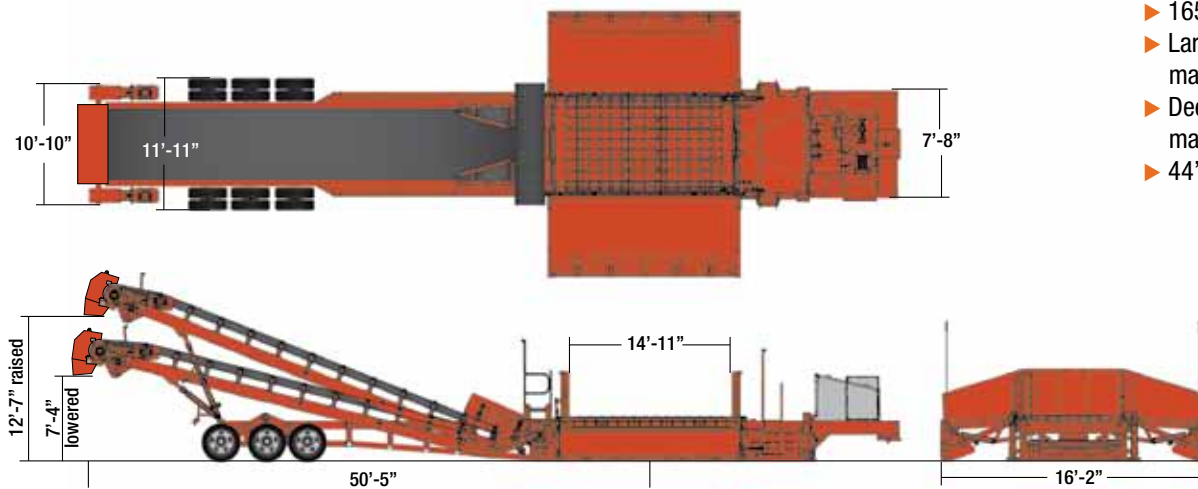
72" RazerTail Truck Unloader

- ▶ 1500 STPH
- ▶ 3" minus material size
- ▶ 2-3 minute unload time
- ▶ Patented power folds
- ▶ 32" earthen ramp



72" Haul Truck RazerTail Truck Unloader

- ▶ 1650 STPH
- ▶ Larger grate openings for material up to 8" minus
- ▶ Deeper hopper for larger material
- ▶ 44" earthen ramp



72" RazerTail Truck Unloader

RazerTail Truck Unloader

Dimensions

Featureaa	48-RZTU	48-RZTU Adjustable Height Discharge	72-RZTU	HT-RZTU
Size	48" Belt x 44' Long	48" Belt x 70' 11" Long	72" Belt x 70' Long	72" Belt x 61' Long
Grate Size / Grate Openings	10' x 5' 8" / 3" or 5"	10' x 5' 8" / 3" or 5"	10' x 7' / 3" or 4"	8' x 6" / 9' x 9"
Motor Size	50 hp 1800 RPM TEFC	50 hp 1800 RPM TEFC	75 hp 1800 RPM TEFC	(2) 50 hp 1800 RPM TEFC
Capacity	1000 STPH of 100 PCF Material	1000 STPH of 100 PCF Material	1500 STPH of 100 PCF Material	1650 STPH of 100 PCF Material
Maximum Material Size	3" Minus	3" Minus	3" Minus	8" Minus
Belt Speed	230 fpm	230 fpm	230 fpm	230 fpm
Earthen Ramp Requirement	32"	32"	32"	44"
Self-Cleaning Ramps	Optional	Optional	Standard	Standard
Conveyor Movement	Fixed	Power Fold	Power Fold	Hydraulically Raised
Raised Discharge Height	7'	12' 3"	12' 3"	12' 3"
Lowered Discharge Height	7'	8'	7' 6"	8'



72" RazerTail Truck Unloader with Optional Loader Hopper



48" RazerTail Truck Unloader



72" RazerTail Haul Truck Unloader



Self-cleaning Hydraulic Ramps

For more information or to locate a dealer near you:
www.superior-ind.com or call 1-800-321-1558

