

# Patented Superior 48" RazerTail Truck Unloader Unit #1065

#1695587

## Load Area

- Grate-10' x 5' outside dimension
- Construction-Flat bar with 5" openings
- Self-Cleaning Ramp-Hinged on each side of the grate, fold up for cleaning cycle after truck is off ramp
- Hydraulic Tri-Fold-Not included
- Ramp Bulkhead-10' wide by 8'4" long, fold hydraulically for road transport
- Extended Ramps-Requires approx 28" high earthen ramp

## Unloading Conveyor

- Size-Approx 48" x 44'
- Discharge Height-6' 11", fixed height conveyor
- Frame-24" deep truss
- Drive-Class I head end
- Gear Reducer-Dodge shaft mount, with backstop
- Motor-50 hp 1800 RPM TEFC
- V-belt drive-With drive guard
- Capacity-1000 STPH of 100 PCF material, 5" minus spherical lumps
- Belt Speed-210 fpm
- Flow Control-Adjustable slide gate
- Discharge hood-To feed 36" belt width or greater
- Superior Idlers-CEMA C, 5" dia. rolls, sealed for life ball bearings
- Load Area-5" diameter flat steel idlers, close spacing
- Trough-20° equal, on 4' spacing
- Returns-Steel rolls, on 10' spacing

## Superior Pulleys, Crown Faced

- Drive Pulley-20" dia. 3/8" herringbone lagged drum
- Snub Pulley-12" dia. 1/4" smooth lagged drum
- Tail Pulley-12" dia. MD Chevron® wing
- Head Pulley-Head end drive
- Shafts-Turned and polished
- Bearings-Dodge
- Take Ups-Screw type
- Belting -3 ply, 3/16 x 1/16 330 PIW
- Belt Splice -Factory vulcanized belt splice
- Belt Scraper-Superior Exterra primary

## Chassis

- Construction-Welded steel tube
- Axle-Single, with dual (4) 11Rx22.5 tires
- Hitch-Fifth wheel
- Brakes-Complete air brake package
- Lights-Brake and directional signals
- Mud Flaps-Included
- Landing Jacks-Crank-down

## Hydraulics

- Power Unit-20 hp electric pumping unit
- Ramps-Raise and lower
- Conveyor Fold-Not included

## Additional Specifications

- Power Supply-480 v / 3 ph / 60 hz
- Electrical-Enclosure with main disconnect, circuit breaker, and push button on/off switches with ramp auto-cycle PLC (if applicable), mounted to the chassis and wired to motors
- Remote Control-Wireless remote controls belt drive, hydraulic unit, and ramp operations
- Operator Platform-Walkway and handrails over conveyor on both sides of hopper area, for operator workstation and inspection platform
- Guarding-For drive and tail pulleys, v-belt drive and return idlers. Guards may not meet all local codes; customer is responsible to have guarding inspected.
- Paint-1 coat primer, 1 coat finish enamel Superior Beige/Yellow Guarding
- Idler Paint-Powder coated Superior Orange
- Owner's Manual-(1) copy included for operation and maintenance

