RAZERTAIL® TRUCK UNLOADER
Unload From Truck to Target to Avoid Double Handling Material

DUAL LANE MODEL DOUBLES TRUCK TRAFFIC

Rock Face to Load Out™
01/ CHEVRON® PULLEY
Ejects fugitive material for longer lasting pulleys and belting.

02/ TAIL PULLEY ACCESS
Access steps to operator platform is hinged for convenient access to tail pulley and take-up.

03/ SELF-CLEANING RAMPS
Hydraulically-controlled ramps automatically or manually dump any leftover material into hopper.

04/ DRIVE OVER GRATES
Versus permanently fixed, these bolt on grates can be removed for maintenance.

05/ OPERATOR PLATFORM(S)
Equip on one or both sides of hopper area to monitor production.

06/ HYDRAULIC POWERFOLD
Inverted design protects cylinder rods from debris during operation.

07/ WRAP DRIVE
Accessible from ground level, the combination of pulleys creates better tensioning and reduced spillage.

08/ TRUSS FRAME
Versus channel frame designs, this robust design is less prone to bending.

09/ ADJUSTABLE HEIGHT DISCHARGE
Maintains structural rigidity under heavy materials and wind loads.

10/ ADJUSTABLE FLOW GATE
You set the height to control the flow of material from the hopper.

11/ IMPACT IDLERS
Rubber cushioned idlers absorb shock to protect belt from falling material.
**MODELS**

48-INCH (1,219MM)
- Up to 1,000 STPH (892 MTPH)
- Up to 4-inch minus (101mm) materials lumps
- 10-foot (3m) x 5-foot (1.5m) grate unload area
- 5-inch (127mm) grate openings
- Accommodates belly or end dump trucks

72-INCH (1,828MM)
- Up to 1,500 STPH (1,339 MTPH)
- Up to 4-inch minus (101mm) materials lumps
- 10-foot (3m) x 7-foot (2.1m) grate unload area
- 5-inch (127mm) grate openings
- Accommodates belly or end dump trucks

48-INCH (1,219MM) HAUL TRUCK
- Up to 1,000 STPH (892 MTPH)
- Up to 8-inch minus (101mm) materials lumps
- 12-foot (3.7m) x 5-foot (1.5m) grate unload area
- 7-inch (178mm) grate openings
- Accommodates rigid and articulated 30-ton haul trucks

72-INCH (1,828MM) HAUL TRUCK
- Up to 2000 STPH (1,786 MTPH)
- Up to 8-inch minus (101mm) materials lumps
- 14'-9" (4.5m) x 7-foot (2.1m) grate unload area
- 9-inch (229mm) grate openings
- Accommodates rigid and articulated 40-ton haul trucks
OPTIONS

MANUAL ONBOARD RAMPS

EARTHEN RAMPS

ADJUSTABLE DISCHARGE

SELF-CONTAINED POWER

OPERATOR PLATFORM(S)

DISCHARGE HOOD

SELF-CLEANING RAMPS

TRUCK ACCESS
- Hydraulic Onboard Truck Ramps
- Manual Folding Onboard Truck Ramps
- Earthen Ramps

OPERATION
- Folding Adjustable Height Discharge Conveyor
- Onboard, Self-Contained Power
- Wireless Remote Control
- Operator Platform(s)
- Hydraulic Landing Jacks
- Discharge Hood

MAINTENANCE
- Self-Cleaning Ramps
- Moxie® Rolls
- Impact Idlers
APPLICATIONS

BELLY DUMP

END DUMP

DUAL LANE

RAILCAR LOADING

BARGE LOADING

SHIP LOADING

Rock Face to Load Out™
**OPERATING SPECIFICATIONS**

**48-INCH CONVEYOR**

- Tons Per Hour (tonnes/hour): 1,000 (907), 1,000 (907), 1,500 (1,360), 2,000 (1,814), 1,500 (1,360)
- Maximum Material Size (mm): 4” Minus (101), 4” Minus (101), 4” Minus (101), 8” Minus (203), 4” Minus (101)
- 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 40 Tons (36), 2.5 for 30 Tons (27)
- (A) Earth Ramp Height (mm): 25” (635), 25” (635), 25” (635), 37” (939), 25” (635)
- (B) Discharge Height (m): 6-6” (1.9), 7’-2” (2.2) - 11’-5” (3.5), 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8)
- (C) Conveyor Length (m): 53’-6” (16.3), 73’-10” (22.5), 79’-10” (24.3), 84’-9” (25.8), 91’-9” (27.9)
- (D) Conveyor Width (m): 5’-0” (1.5), 5’-0” (1.5), 7’-0” (2.1), 7’-0” (2.1), 7’-0” (2.1)
- (E) Load Ramp Width (m): 10’-2” (3.0), 10’-2” (3.0), 10’-0” (3.0), 15’-5” (4.7), 11’-1” (3.3)
- (F) Load Ramp Length (m): 22’-10” (6.9), 22’-8” (6.8), 24’-8” (7.3), 24’-8” (7.3), 56’-6” (17.2)

**48-INCH W/ FOLDING DISCHARGE CONVEYOR**

- Tons Per Hour (tonnes/hour): 1,000 (907), 1,000 (907), 1,500 (1,360), 2,000 (1,814), 1,500 (1,360)
- Maximum Material Size (mm): 4” Minus (101), 4” Minus (101), 4” Minus (101), 8” Minus (203), 4” Minus (101)
- 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 40 Tons (36), 2.5 for 30 Tons (27)
- (A) Earth Ramp Height (mm): 25” (635), 25” (635), 25” (635), 37” (939), 25” (635)
- (B) Discharge Height (m): 6-6” (1.9), 7’-2” (2.2) - 11’-5” (3.5), 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8)
- (C) Conveyor Length (m): 53’-6” (16.3), 73’-10” (22.5), 79’-10” (24.3), 84’-9” (25.8), 91’-9” (27.9)
- (D) Conveyor Width (m): 5’-0” (1.5), 5’-0” (1.5), 7’-0” (2.1), 7’-0” (2.1), 7’-0” (2.1)
- (E) Load Ramp Width (m): 10’-2” (3.0), 10’-2” (3.0), 10’-0” (3.0), 15’-5” (4.7), 11’-1” (3.3)
- (F) Load Ramp Length (m): 22’-10” (6.9), 22’-8” (6.8), 24’-8” (7.3), 24’-8” (7.3), 56’-6” (17.2)

**72-INCH W/ FOLDING DISCHARGE CONVEYOR**

- Tons Per Hour (tonnes/hour): 1,500 (1,360), 2,000 (1,814), 1,500 (1,360)
- Maximum Material Size (mm): 8” Minus (203), 4” Minus (101), 4” Minus (101)
- Cycle Time per Minute (tonnes): 2.5 for 40 Tons (36), 2.5 for 40 Tons (36), 2.5 for 40 Tons (36)
- (A) Earth Ramp Height (mm): 37” (939)
- (B) Discharge Height (m): 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8)
- (C) Conveyor Length (m): 84’-9” (25.8), 91’-9” (27.9), 91’-9” (27.9)
- (D) Conveyor Width (m): 7’-0” (2.1), 7’-0” (2.1), 7’-0” (2.1)
- (E) Load Ramp Width (m): 15’-5” (4.7), 11’-1” (3.3), 11’-1” (3.3)
- (F) Load Ramp Length (m): 56’-6” (17.2), 56’-6” (17.2), 56’-6” (17.2)

**72-INCH HAUL TRUCK W/ FOLDING DISCHARGE CONVEYOR**

- Tons Per Hour (tonnes/hour): 2,000 (1,814), 1,500 (1,360)
- Maximum Material Size (mm): 8” Minus (203), 4” Minus (101), 4” Minus (101)
- Cycle Time per Minute (tonnes): 2.5 for 40 Tons (36), 2.5 for 40 Tons (36)
- (A) Earth Ramp Height (mm): 37” (939)
- (B) Discharge Height (m): 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8)
- (C) Conveyor Length (m): 84’-9” (25.8), 91’-9” (27.9)
- (D) Conveyor Width (m): 7’-0” (2.1), 7’-0” (2.1)
- (E) Load Ramp Width (m): 15’-5” (4.7), 11’-1” (3.3)
- (F) Load Ramp Length (m): 56’-6” (17.2), 56’-6” (17.2)

**72-INCH DUAL LANE W/ FOLDING DISCHARGE CONVEYOR**

- Tons Per Hour (tonnes/hour): 2,000 (1,814), 1,500 (1,360)
- Maximum Material Size (mm): 8” Minus (203), 4” Minus (101), 4” Minus (101)
- Cycle Time per Minute (tonnes): 2.5 for 40 Tons (36), 2.5 for 40 Tons (36)
- (A) Earth Ramp Height (mm): 37” (939)
- (B) Discharge Height (m): 7’-9” (2.3) - 12’-8” (3.8), 7’-9” (2.3) - 12’-8” (3.8)
- (C) Conveyor Length (m): 84’-9” (25.8), 91’-9” (27.9)
- (D) Conveyor Width (m): 7’-0” (2.1), 7’-0” (2.1)
- (E) Load Ramp Width (m): 15’-5” (4.7), 11’-1” (3.3)
- (F) Load Ramp Length (m): 56’-6” (17.2), 56’-6” (17.2)

* With Adjustable Discharge, ** Weights including hydraulic onboard truck ramps
<table>
<thead>
<tr>
<th>TRAVEL SPECIFICATIONS</th>
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<tbody>
<tr>
<td><strong>48-INCH CONVEYOR</strong></td>
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<td><strong>72-INCH HAUL TRUCK W/ FOLDING DISCHARGE CONVEYOR</strong></td>
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<tr>
<th>TRAVEL</th>
<th>48”</th>
<th>48”**</th>
<th>72**</th>
<th>72” HAUL TRUCK*</th>
<th>72” DUAL LANE*</th>
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<tbody>
<tr>
<td>(G) Travel Length (m)</td>
<td>52’ -4” (16.0)</td>
<td>46’-8” (14.2)</td>
<td>52’-6” (16.0)</td>
<td>57’-6” (17.5)</td>
<td>66’-4” (20.2)</td>
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<td>(H) Travel Height (m)</td>
<td>12’-9” (3.8)</td>
<td>12’-6” (3.8)</td>
<td>12’-6” (3.8)</td>
<td>13’-4” (4.0)</td>
<td>15’-1” (4.8)</td>
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<td>Travel Width (m)</td>
<td>12’-1” (3.7)</td>
<td>11’-1” (3.3)</td>
<td>11’-10” (3.6)</td>
<td>11’-10” (3.6)</td>
<td>12’-3” (3.7)</td>
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<td>Weight at Axle (kg)</td>
<td>16,100 (7,300)</td>
<td>19,500 (8,845)</td>
<td>27,000 (12,245)</td>
<td>26,400 (11,975)</td>
<td>44,000 (19,960)</td>
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<td>Weight at Axle** (kg)</td>
<td>19,800 (8,980)</td>
<td>23,700 (10,750)</td>
<td>N/A</td>
<td>29,200 (13,245)</td>
<td>N/A</td>
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<tr>
<td>Weight at Kingpin (kg)</td>
<td>11,300 (5,125)</td>
<td>13,100 (5,940)</td>
<td>18,000 (8,165)</td>
<td>19,400 (8,800)</td>
<td>39,800 (18,050)</td>
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<tr>
<td>Weight at Kingpin** (kg)</td>
<td>16,300 (7,395)</td>
<td>19,600 (8,890)</td>
<td>N/A</td>
<td>24,200 (10,975)</td>
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<td>Axles</td>
<td>Single</td>
<td>Tandem</td>
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* With Adjustable Discharge, ** Weights including hydraulic onboard truck ramps
STATIONARY DRIVE OVER TRUCK UNLOADER

Rugged, Custom-Designed Unloading for Fixed Applications