



RAZERTAIL[®] TRUCK UNLOADER

Unload From Truck to Target to Avoid Double Handling Material

NEW



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



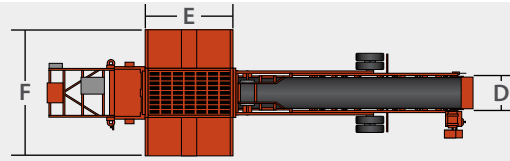
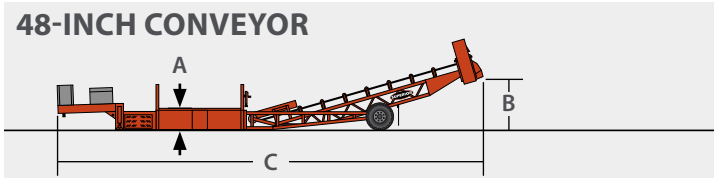
BARGE LOADING



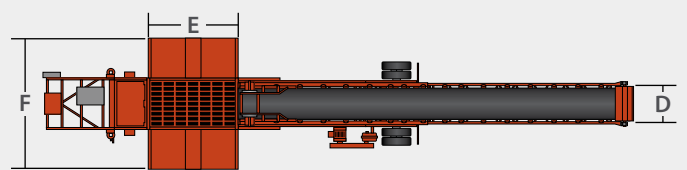
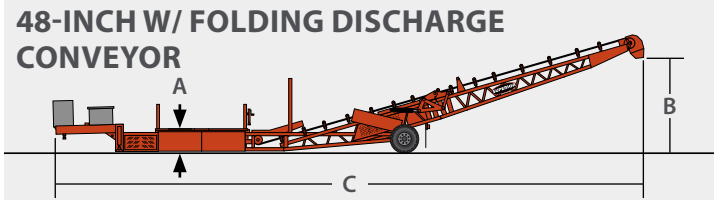
SHIP LOADING

OPERATING SPECIFICATIONS

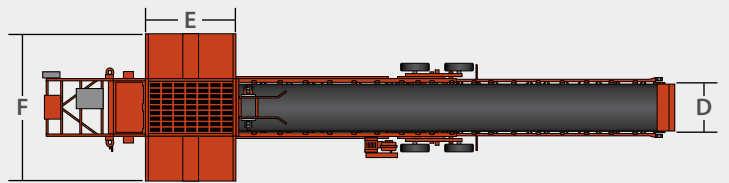
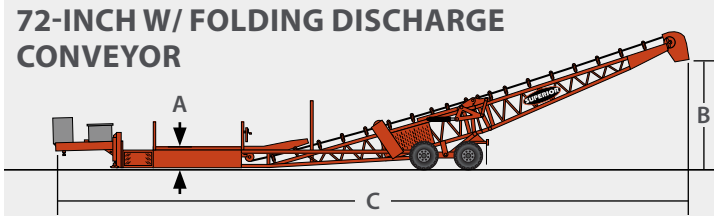
48-INCH CONVEYOR



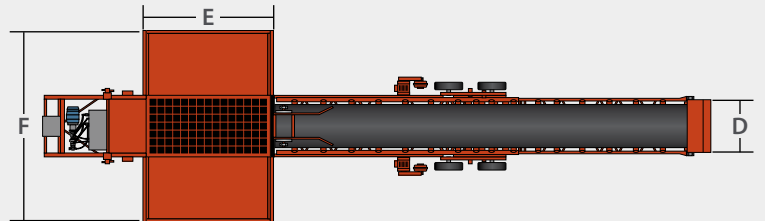
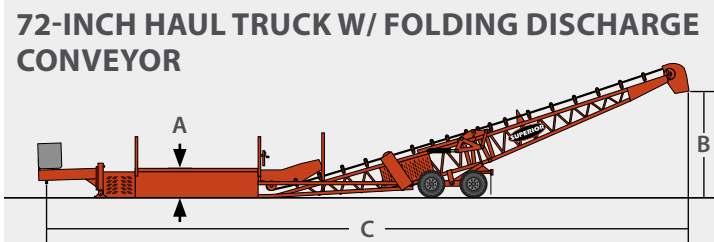
48-INCH W/ FOLDING DISCHARGE CONVEYOR



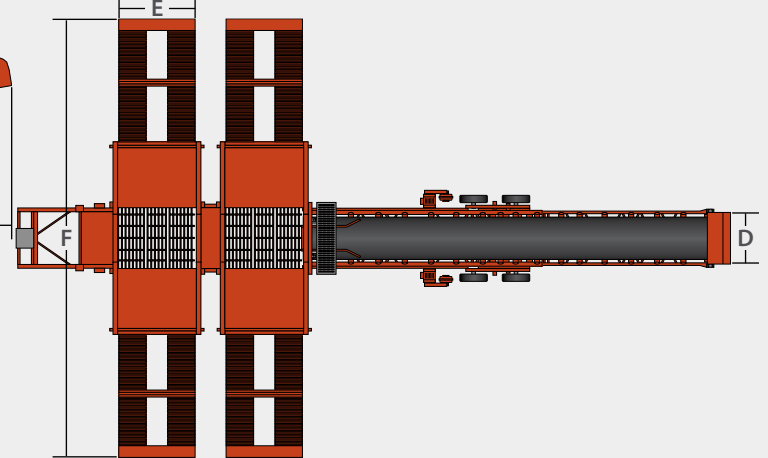
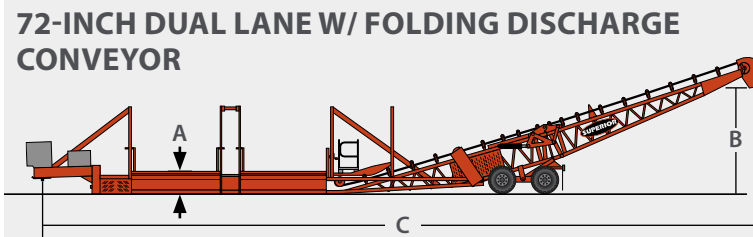
72-INCH W/ FOLDING DISCHARGE CONVEYOR



72-INCH HAUL TRUCK W/ FOLDING DISCHARGE CONVEYOR



72-INCH DUAL LANE W/ FOLDING DISCHARGE CONVEYOR

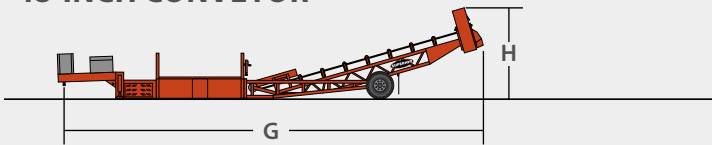


OPERATING	48"	48" *	72"*	72" HAUL TRUCK *	72" DUAL LANE*
Tons Per Hour (tonnes/hour)	1,000 (907)	1,000 (907)	1,500 (1,360)	2,000 (1,814)	1,500 (1,360)
Maximum Material Size (mm)	4" Minus (101)	4" Minus (101)	4" Minus (101)	8" Minus (203)	4" Minus (101)
Cycle Time per Minute (tonnes)	2.5 for 30 Tons (27)	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' -0" (7.3)	24' -0" (7.3)	56' -6" (17.2)

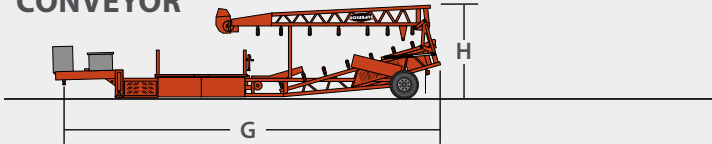
* With Adjustable Discharge, ** Weights including hydraulic onboard truck ramps

TRAVEL SPECIFICATIONS

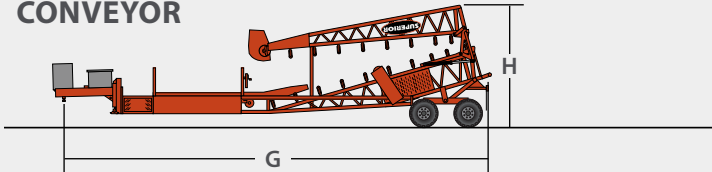
48-INCH CONVEYOR



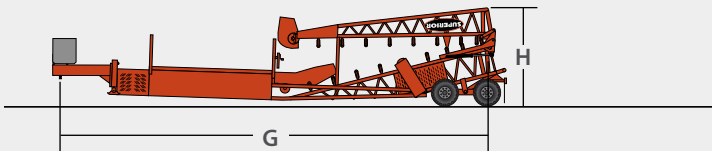
48-INCH W/ FOLDING DISCHARGE CONVEYOR



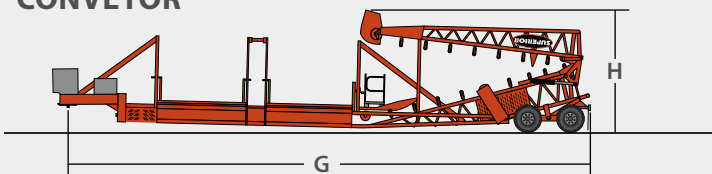
72-INCH W/ FOLDING DISCHARGE CONVEYOR



72-INCH HAUL TRUCK W/ FOLDING DISCHARGE CONVEYOR



72-INCH DUAL LANE W/ FOLDING DISCHARGE CONVEYOR



TRAVEL	48"	48" *	72"*	72" HAUL TRUCK *	72" DUAL LANE*
(G) Travel Length (m)	52'-4" (16.0)	46'-8" (14.2)	52'-6" (16.0)	57'-6" (17.5)	66'-4" (20.2)
(H) Travel Height (m)	12'-9" (3.8)	12'-6" (3.8)	12'-6" (3.8)	13'-4" (4.0)	15'-11" (4.8)
Travel Width (m)	12'-1" (3.7)	11'-1" (3.3)	11'-10" (3.6)	11'-10" (3.6)	12'-3" (3.7)
Weight at Axle (kg)	16,100 (7,300)	19,500 (8,845)	27,000 (12,245)	26,400 (11,975)	44,000 (19,960)
Weight at Axle** (kg)	19,800 (8,980)	23,700 (10,750)	N/A	29,200 (13,245)	N/A
Weight at Kingpin (kg)	11,300 (5,125)	13,100 (5,940)	18,000 (8,165)	19,400 (8,800)	39,800 (18,050)
Weight at Kingpin** (kg)	16,300 (7,395)	19,600 (8,890)	N/A	24,200 (10,975)	N/A
Axles	Single	Tandem	Tandem	Tandem	Tandem

Rock Face to Load Out™

* With Adjustable Discharge, ** Weights including hydraulic onboard truck ramps



STATIONARY DRIVE OVER TRUCK UNLOADER

Rugged, Custom-Designed Unloading for Fixed Applications

