



MOBILE TYPE BULK RECEPTION RADIAL TRUCK UNLOADER

The Tracked Radial Bulk Reception Radial Truck unloader offers mobility and flexibility for a complete range of industries and applications, including mobile truck unloading, reclaiming, rail wagon loading / unloading, barge loading / unloading, truck loading, with the ability to handle complete range of materials such as coal, grains, fertilisers, ore's (iron, copper, gold, bauxite), aggregates, woodchips, wood pellets, sulphur, cement clinker etc.

FEATURES & BENEFITS

- ▲ Power source options: Diesel / hydraulic, Dual PowerFull 140 radial discharge conveyor with choice of conveyor lengths
- ▲ Belt weight scales
- ▲ Hydraulic extended hopper wings
- ▲ Option of steel or rubber tracks
- ▲ Wrap-around pull cord
- ▲ Vibrating motor for sticky material
- ▲ Belt options: Chevron, Heavy Duty
- ▲ Various feed boot liners; hardox, various rubber plys
- ▲ Full, 1/2 and quarter length rubber conveyor skirting available

APPLICATION

- ▲ Loading a barge with grain direct from a road truck
- ▲ Loading a barge direct from a road truck
- ▲ Loading a barge direct from a wheel loader
- ▲ Feeding a Radial Telescopic shiploader loading a Handymax vessel
- ▲ Feeding a Radial Telescopic shiploading from road trucks
- ▲ Fed from grab crane in barge-unloading application
- ▲ Feeding Radial Telescopic, stockpiling in warehouse from trucks (Ship unloading)
- ▲ Stockpiling material from pay-loaders in a stockyard
- ▲ Stockpiling coal from wheel loader in a stockyard (Dust Covers)
- ▲ Reclaiming coal in a Power station
- ▲ Reclaiming iron ore in a steel mill with CAT 988 Wheel loader
- ▲ Rail Car/ Wagon loading directly from trucks 13 Unloading from Rail Car/Wagon

PRIME CONVEYORS



Bulk Material Handling Systems
Innovative Solutions & Technologies

- Telescopic Radial Stacker
- Mobile Type Bulk Reception Radial Truck Unloader
- Portable Radial Stacker
- Fixed Type Belt Conveyors
- Belt Conveyor Rollers & Pulleys
- Submerged Bottom Ash Conveyors
- Apron Feeder
- Chain Conveyors

PRIME CONVEYORS

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POWER FOLDING

PORTABLE RADIAL STACKER CONVEYOR

We have various portable conveyors and radial stackers available to suit your application. We offer Wheeled, Track and Stationary conveyors. Custom Equipment is also available. Hydraulic power folding head and tails sides optional.

The Radial Tracked Stockpiler Series is a unique concept to the marketplace. Essentially it is a Radial Wheeled Stockpiler and Tracked Stockpiler all-in-one! The remote control track system is used to move the machine around site including rough terrain. It is also of benefit when re-locating the machine to a different site as it can easily be tracked onto a low loader or Low-Boy. When the machine has been positioned for work using the Tracks, the Radial Tracked Stacker can produce a 360° stockpile. By engaging (via remote control) the wheel drive system, the operator can remotely radial the RTS Series either clockwise or anti-clockwise to create a 360° stockpile. The Automatic angle adjustment allows the machine to increase the angle of the machine as the stockpile below increases.

FEATURES

- ▲ Can be used to create numerous stockpiles of different materials.
- ▲ Huge 360° Windrow stockpiling capacity
- ▲ Eliminates material segregation, compaction and contamination
- ▲ Tracked unit allows both 360° continuous rotation and excellent on site manoeuvrability
- ▲ Optional fully automatic stockpiling system
- ▲ Largest capacity Radial Stockpiler available on the market
- ▲ Can reduce fuel, maintenance and labour costs by up to 80%
- ▲ Innovatively designed for fuel efficiency
- ▲ Capable of being fed by large Primary Crushers, Secondary Crushers and Screens
- ▲ Global After Sales Support



OPTIONS

- ▲ Automatic radial + raise function
- ▲ Radio remote control radial + raise / lower conveyor
- ▲ Dual power
- ▲ Diesel genset / electric hydraulic power pack / twin direct electric drive
- ▲ Dual wheel drive
- ▲ Belt widths from 36" (900mm) – 48" (1200mm) available
- ▲ Power Folding

SPECIFICATIONS

Conveyor Length	50'	60'	80'	95'
Conveyor Ground Length	45'	55'	74'	89'
Raised Height Of Pulley	17'	21'	28'	33'
Lowered Height Of Pulley	12'	12'	14'	14'
Anchor Pivot To Center Of Axle	25'	31'	40'	47'
Stock Pile Height	16'	19'	26'	31'
Radius Of Pile	21'	27'	36'	41'
Anchor Pivot To Center Of Pile	47'	57'	76'	90'
Travel Length	49'	59'	63'	73'
Travel Height	12'	12'	14'	15'
Tail To Kingpin	5'	5'	5'	5'
King Pin To Axle	54'	31'	40'	49'
Axle To Head	25'	28'	22'	23'

STACKING CONVEYOR

APPLICATIONS

- ▲ Minerals
- ▲ Sand
- ▲ Coal
- ▲ Woodchips
- ▲ Aggregates

