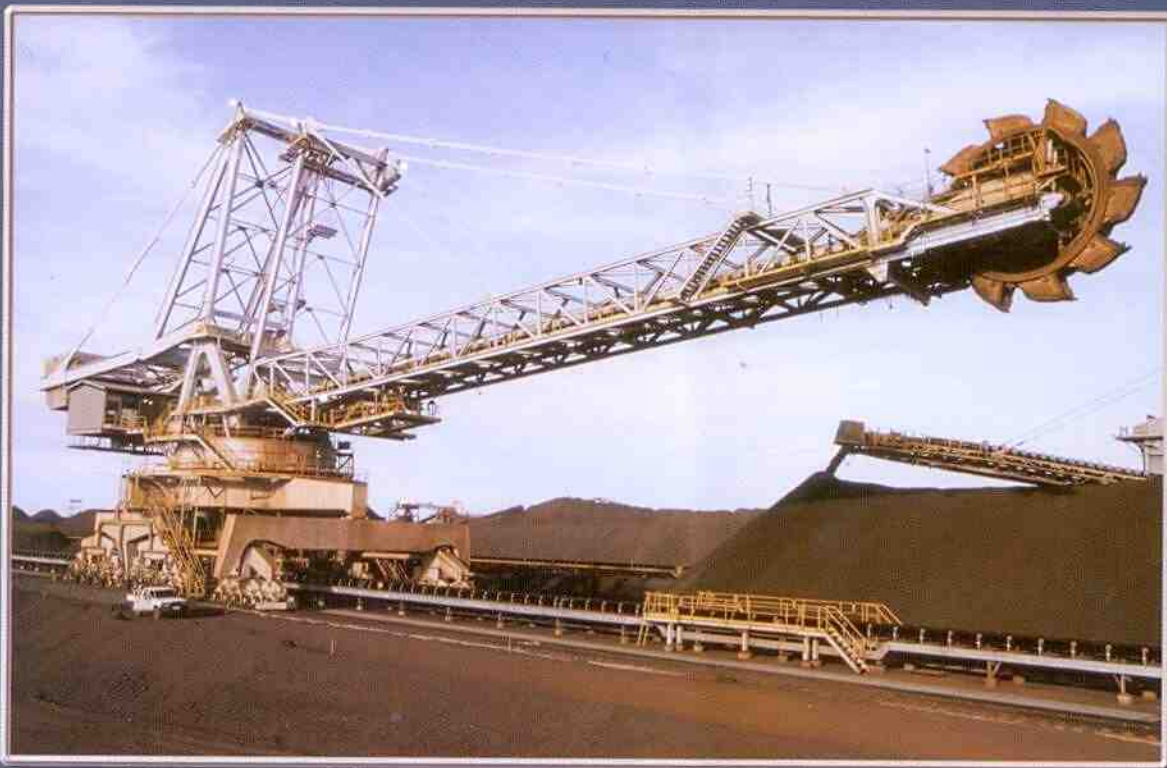


Handling any load efficiently!

STACKER & RECLAIMER



ROTEC TRANSMISSIONS P LTD
(AN ISO 9001:2008 ACCREDITED COMPANY)

ROTEC offers a wide range of Stackers and Reclaimers for cement



Bucket-Wheel Stacker/Reclaimer



Bridge Type Bucket-Wheel Reclaimer



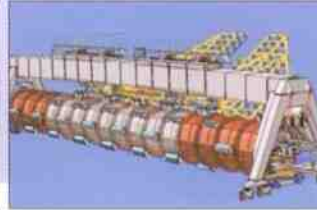
Bridge Type Drum Reclaimer



Circular Stacker/Reclaimers



Bucket-Wheel Reclaimer



Bridge Type Drum Reclaimer



Trencher Reclaimer



Circular Stacker/Reclaimers



Bridge Type Scraper Reclaimer



Bridge Type Drum Reclaimer



Circular Stacker/Reclaimers



Side Boom Reclaimer

Whether you need the entire Stacker Assembly or a section of a Reclaimer System,

BUCKET-WHEEL STACKER/RECLAIMER

Bucket-wheel Stacker/Reclaimer move on a rail track along the piles of material. They can stack and reclaim materials in different stockpiles. The material moves on both sides. We can also supply four quadrant reclaiming. Tripper-trailers can be uncoupled and active stockpiles stacked and reclaimed within the operating radius of the boom arm. A clear space is provided on the Bucket Wheel to cut into a the pile.

BUCKET-WHEEL RECLAIMER

Bucket-Wheel Reclaimers, move on a rail track alongside the piles. It can built stockpile sections selectively. We can also supply in four quadrants (directions) Reclaimers within the operation radius. The bucket-wheel can cut into the piles from both sides.

BRIDGE TYPE SCRAPER RECLAIMER

The bridge Reclaimer, offers the high blending ratio required for homogenising limestone, coal, iron ore, etc.

It spans the pile and supports a trolley that reciprocates its travel gradually along the length of the box girder. The trolley has suspended triangular harrows to loose the stockpile material. Each harrow is adjusted to a slanted position that matches the angle of repose of the stacked material. A scraper chain collects the material and transports it to the yard conveyor. The reclaimed capacity is controlled by varying the travel speed of the machine.

BRIDGE TYPE DRUM RECLAIMER

Bridge Type Drum Reclaimers with high capacity are ideal for blending. They can span stockpiles up to 140 feet wide and capacities of 5000 stph in coal.

PORTAL TYPE SCRAPER RECLAIMER

This is ideal for indoor installation. It has two Reclaimer booms, each with a pair of traversing scraper chains and scraper flights. Additionally, it avoids interference with the roof structure; it can be installed outdoors

with a single Reclaimer boom. To reclaim, the Reclaimer booms are lowered until the scraper flights engage in the material. The portal Reclaimer moves along the pile. The scraped material is loaded onto a yard conveyor.

The reclaimed capacity depends on the speed of the machine.

TRENCHER RECLAIMER

This differs from other Reclaimers in the way it works, recovers material and moves instead of slewing. The reclaiming happens with the bottom part of the bucket-wheel.

Due to the narrow stockpile width, the boom can be short but the wheel diameter must be in relation to the active stockpile width.

Trencher type units can also be supplied as dual-purpose (Stacker/Reclaimer) machines.

CIRCULAR STACKER/RECLAIMERS

The circular Stacker/Reclaimer is designed for 360 degrees of rotation. The design consists of a slewing and luffing Stacker to stack the material, a bent chain slewing and luffing Reclaimer and a central column which includes a feeding and discharge hopper. The stacking and reclaiming systems operate independently.

SIDE BOOM RECLAIMER

The Side Boom Reclaimer travels alongside a stockpile supported by travel bogies. The luffable reclaim boom ranges from 10 meters to 30 meters and normally reclaims low tonnages of 50 tph, but it can also reclaim tonnages as high as 1000 tph. It has a luffing winch, a scraper reclaim drive and a travel drive. This Reclaimer is perfect for low tonnages because of its low weight and high economical operation.

ment, coal, pulp and paper, mining, power plants and ports.



Luffing Stackers



Wing Stackers



Side Boom Stacker/Reclaimer



Long Travel Drive Systems



Slewing Stackers



Radial Stackers



Tripper Cars



Long Travel Drive Systems



Slewing and Luffing Stacker



Radial Stackers



Tripper Cars



In-house Conveyor Components

you are sure to find peak performance, top productivity and total satisfaction...

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LUFFING STACKERS

The luffing Stacker moves along the stockpile conveyor and builds a stockpile on one side of the conveyor only. The tripper is connected to the traveling Stacker and serves to transfer material to the boom. The luffing motion happens because of concrete counterweights. The Stacker and tripper are made for variable speed travel and can be quickly relocated from one area of the stockpile to another. The luffing Stacker can be operated in a manual, semi-automatic, or fully automatic mode. This is the best choice for economical stockpiling.

SLEWING STACKERS

A traveling slewing Stacker serves stockpiles to the left and right of the stockpile yard conveyor. Controlled remotely, it can build a stockpile in chevron, coneshell, or windrow stockpiling modes.

SLEWING AND LUFFING STACKER

This type of Stacker is the most versatile since it is able to slew from a stockpile to the other side of the yard conveyor and build equal stockpiles on both sides of the yard feed conveyor. The tripper is connected to the traveling Stacker and serves to transfer material from the longitudinal stockyard conveyor onto the boom conveyor. It has a rigid box girder design of a three-point system connecting to a slewable upper carriage design by way of slew bearing, slew gear and slew drive pinions. A hydraulic cylinder causes the motion. Stackers and Trippers are designed for variable speed travel and can be quickly relocated from one place of the stockpile to another. This can be operated by manual semi-automatic or fully automatic mode.

WING STACKERS

One Wing Stacker does the function of two luffing Stackers and can be used to either stack two stockpiles simultaneously or just one at a time. The material flow comes over a tripper car and is diverted to one or two luffing booms

RADIAL STACKERS

Radial Stackers stockpile materials in a kidney-shaped pile, slewing between 90° and approximately 360°. Boom angles can be made either fixed or in a luffing motion between +15° to -15°.

SIDE BOOM STACKER/RECLAIMER

The Side Boom Stacker/Reclaimer has the same reclaiming functions as the Side Boom Reclaimer, but a Tripper Trailer does the stacking. It transports and discharges materials into the scraper blades, with reversed rotation to build a stockpile slowly. The side boom Stacker/Reclaimer can also send the incoming material in bypass mode back onto the yard conveyor and reclaim additional material on top of it, or can be used to stack and reclaim separately.

TRIPPER CARS

The tripper car serves to transfer the material flow from one part of the machinery to the next - for example, from the stockyard longitudinal belt conveyor onto the conveyor in the boom of a Stacker.

LONG TRAVEL DRIVE SYSTEMS

ROTEC offers a variety of reliable long, travel drive systems suitable for all kinds of applications and environments. Automatic lubrication and advanced sealing systems of the wheel bearings ensure a long lifetime for these important machine components.

IN-HOUSE CONVEYOR COMPONENTS

The reliability of machines is one of the most important issues in stockyards achieved through the consistent functioning of conveyor components on the conveyor systems of Stacker/Reclaimers. Rotec's offering includes components with an emphasis on performance and dependability for various applications. Our primary objective is your high productivity through the continuous operation of our entire range of rollers and pulleys. This includes safety and control devices to be sure that both personnel and equipment function without incidents.

All our components and systems are built for reliability and safety...

