

Conveyor Mobility Options



Applications for Increased Mobility

① Low Pressure Soils

- ▶ Increases flotation
- ▶ Moving and operating over types of terrain where high flotation is needed
- ▶ Attach to jump conveyors for heap leach or dirt moving



Jump Conveyor Application



Non-Powered Tracks

② Radial Travel

- ▶ Where flotation and traction are problematic
- ▶ Heap leach site mobility
- ▶ Total mobility on low pressure soils with the use of Mobile Pivot Base



Powered Radial Tracks



Powered Radial Tracks

③ Transfer Point Mobility

- ▶ Allows for radial travel
- ▶ Increases flotation
- ▶ Increases onsite mobility
- ▶ Heap leach and RCC site mobility
- ▶ Movement on dock during vessel loading



Mobile Pivot Base



Two Wheeled Mobile Pivot Base



Single Wheel Drive

Tracked Mobile Pivot Base

- ▶ Self-contained unit runs off 48 HP Deutz diesel engine
- ▶ 30 gallon hydraulic oil and diesel fuel tank
- ▶ Two speeds: 165 FPM and 333 FPM
- ▶ Two axis gimbal navigates uneven ground
- ▶ Equipped with 107.2 inch track
- ▶ Wireless remote



Two Wheeled Mobile Pivot Base

- ▶ Lowers conveyor feed height
- ▶ Hydraulically lifts for storage



Four Wheeled Mobile Pivot Base

- ▶ 360 degree rotation
- ▶ Hydraulically driven
- ▶ Axle jacks relieve weight
- ▶ Loader hitch



Radial Travel Tracks

- ▶ Attach directly to FD axle radial fold down arms
- ▶ (2) 24" wide steel tracks on each side of conveyor
- ▶ Equipped with drives, hydraulic hoses and fitting connections



Tail Mobility	Application	Pains We Solve
Tracked Mobile Pivot Base	Heap Leach, RCC, Ship Loading	Flotation and Traction in Low Pressure Soils, Radial, Parallel and Inline Dock Movement
4 Wheel Mobile Pivot Base	Ship Loading	Radial, Parallel and Inline Dock Movement
2 Wheel Mobile Pivot Base	Stackers Larger than 100 ft	Follow Tracked Crusher, Convenient Pit Portability Without the Need of a Loader, Position Tail into Tight Spots Where a Loader or Crane are not able to Access, Building Long Stockpiles
1 Wheel Mobile Pivot Base	Stackers Shorter than 100 ft	Follow Tracked Crusher

Radial Mobility	Application	Pains We Solve
Radial Travel Tracks	Heap Leach	Flotation and Traction in Low Pressure Soils

For more information or to locate a dealer near you:
www.superior-ind.com or call 1-800-321-1558

