



R3650

ADVANCED DATA SHEET

DETAILS	
Model Name	R3650
Model Title	36" x 50' Radial Stacker
Category	Conveyors
Type	Radial
Brand	Portable Stackers
Description	The 36" x 50' radial conveyor from Portable Stackers is perfect for stockpiling everything from soil and mulch to concrete and rock. This American-made conveyor is made to last, and it can stockpile at up to 200 tph! The radial design allows you to stockpile your material in large 16.5 feet high banks without having to move your crusher or screener. This unit comes with a static platform, that can be hooked up to a trailer hitch to move around your site.

PROCESSED MATERIALS	
	<ul style="list-style-type: none">• Compost• Concrete• Demolition Waste• Rock• Sand• Soil• Topsoil

RECOMMENDED USE	
Best For	High-capacity stockpiling, particularly in mining, quarrying, and large construction sites.
Good For	Efficient handling and stacking of bulk materials over large areas.
Not Built For	Small-scale operations where such capacity is unnecessary.
Best Loader	Crusher, screener or skid steer

KEY SPECIFICATIONS	
Engine Type	Electric
Stockpile Height	16'6"
Ton per hour	Up to 200 tph

OTHER SPECIFICATIONS

Belt Length	50'
Belt width	36 "
Engine Power	10 hp
Feed Height	4'
Mobility	Mobile
Transport Size (L x W x H)	40' X 8'5" X 7'
Working Size (L x W x H)	17' X 17' X 10'

FEATURES

- 48" Load Zone w/Skirt Rubber, Pintail Tow Hook, Tail Guard
- Extra resistant 2-ply belt with operating tension of 220 Pounds per Inch of Width (PIW)
- 10 hp TEFC Electric Motor - 1800 RPM at 230/460 volt (60hz)
- 2 years warranty for motors and drives
- Robust 36" Deep Truss with 3x3x1/4 Cord Angle and 2x2x1/4 Lattice
- Heavy Duty Undercarriage with 8x8 Tubing Axle and 16" Tires & Rims
- Pioneer, 5" x 35 deg CEMA C Top Rollers on 48" Centers
- Self assembly required (instructions provided)

ADD-ONS	DESCRIPTION
Power Traveler	The power traveler makes it possible for the stacker to move without the need to be pushed.
Custom paint color	Grey by default. Pick any color, we will paint it.
Add Catwalk	It is possible to add a catwalk so that users can walk on the conveyor.
Hydraulic motors	It is possible to replace electric motors with a hydraulic set up.

FAQ

Can stackers be built on order at a custom length?	No, stackers can't be fully custom-length, but adjustments in 10' increments are possible. They're modular, height adjusts via leg pin holes; customization includes belt type, speed, power travel
How are these machines powered?	The stacker comes with a 7 hp TEFC 230/460 volt motor that will need to be powered by a genset.
Can these stackers be moved?	These stackers are semi-static as they have a radial design that moves around a stationary anchor point. If you want to move your stacker it can be easily hitched onto a machine and transported.
Where are these machines made?	They are manufactured right here in the United States!
Is assembly included in the purchase, and how is it carried out?	Assembly is required for the conveyor.
How is shipping managed, and is it integrated into the final price?	While shipping is not included in the final price, Machinery Partner will handle all shipping logistics. They will calculate shipping costs based on your location and preferred delivery method.
Can I track the shipping progress of my order through Machinery Partner?	Once your conveyor is shipped, Machinery Partner will furnish you with a tracking number. This will grant you access to real-time shipping updates, including location and estimated delivery date.