

TQ Review



from Trans-Quip Inc.

Power Transmission System Provides Cost Effective Solution

POWER TRANSMISSION SPECIFICATIONS:

(3) WJ1125U1N-60-STDX-STDX-BH1S, (1) WJ1125U1N-60-LB01-STDX-DH1S with Limit Switch, (2 each) RC-18 Mitre Gear Box, Shafting, Couplings, (4) Pillow Block Supports, (8) Bellows

Capacity: 25 tons **Ratio:** 11:1 **Rise:** 60" linear travel

H&S Heat Treating in Port Robinson, ON specializes in annealing locally produced forgings for the mining industry. They required a solution for loading and unloading pipe into a furnace for heat treating. Trans-Quip Inc. was able to provide H&S Heat Treating with a solution: a complete power transmission system using Joyce® screw jacks, mitre gear boxes, shafting, couplings and pillow blocks.



Lowered position



Raised position

H&S Heat Treating is now capable of raising their furnace box 60" to allow room to load core drilling pipe onto the floor. The furnace box is then lowered back down, over top of the pipe for heat treating purposes. The application is now more time and cost efficient and saved the company from having to purchase new equipment. And, since the entire system is made up of Joyce components, no additional out-sourcing was required.

A special thanks to H&S Heat Treating for allowing us to feature their story

Q & A

Q: Do Joyce/Dayton Electrical Cylinders come with hydraulic motors?

A: Joyce Dayton would gladly provide you with the general specifications for your required hydraulic motor however they do not provide hydraulic motors with their products.

Q: We would like to use Joyce/Dayton linear actuators for our outdoor application. Is this possible?

A: The Joyce/Dayton 12 VDC linear actuators use an enclosed, weather-resistant, permanent magnet type motor. They are also manufactured with cast aluminum housing and stainless steel lifting tubes. Operating temperatures range from -20° to 104° F.

New Catalogue

Trans-Quip Inc. is pleased to announce the release of the latest edition of the Joyce/Dayton screw jack catalogue. Several changes and improvements have been made to the catalogue in order to better accommodate companies.

Changes to the catalogue include:

- Up to date engineering data for electric cylinders
- An outline of solar applications in the specialty products section
- New product information and/or data

The catalogue also includes all previously available products such as: various screw jacks, linear actuators, bevel ball actuators, miter gear boxes, protective bellows, limit switches, as well as, couplings and shafting.

Send your questions and inquiries to:
Bob Mussell at 1-866-261-0251 ext. 306
info@trans-quip.com

This new catalogue conveniently assists OEM's, end-users and machine designers in their daily activities and brings continued success to those choosing Joyce/Dayton products.

Worker Safety is Top Priority for Nabors Canada

PRODUCT SPECIFICATIONS:

PalletPal® Spring Actuated Level Loader

Capacity: 400 - 4500 lbs

Lowered Height: 9 1/2" Raised Height: 28"

Academy Services, a division of Nabors Canada in Calgary, AB, is the second largest oil drill rig manufacturer in North America. They were awarded a contract to build five rigs to be used in remote northern areas where conditions are harsh and extreme. Knowing the challenges and stresses personnel endure when working under such conditions, they were concerned when faced with the challenges of handling 4,000 lbs pallets of white powder used in the drilling process.



Academy Services contacted Trans-Quip Inc. for a solution. Southworth's spring loaded PalletPal, capable of handling loads of 4,500 lbs, eliminates the need for workers to bend, twist and reach when off-loading pallets. The PalletPal compresses with the weight of the stacked pallet and extends as workers unload, maintaining an ergonomic working height at all times. The turntable ensures easy access, eliminating the need for reaching.

A special thanks to Nabors Canada for allowing us to feature their story.

For more information please contact:

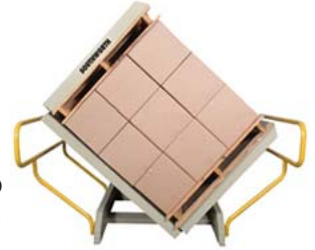
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Q & A

Q: I work for a large distribution facility. Damaged packages are often found at the bottom of pallets creating back-breaking work. Do you have a solution?

A: A PalletPal Rotator/Inverter rotates an entire load in seconds, providing access to damaged goods. It can also be used to transfer loads from pallets to slip sheets, from in-house pallets to shipping pallets or to rotate inventory for freshness. The pressure-adjustable clamp secures loads measuring up to 48" x 48" x 60" and weighing up to 4,400 lbs., then rotates them a full 180° at the touch of a button.



Visit www.trans-quip.com/rotator.html to watch the Rotator/Inverter in action.

Q: We want to stop using fork trucks. What can you suggest?

A: The PalletPal Mobile Leveler performs multiple functions. Use it by itself as a mobile pallet positioner or as the perfect companion to feed your other PalletPals. As a transporter, it moves effortlessly throughout the plant. It's a lot less expensive than a ride on a fork lift, takes up a lot less space and it doesn't require special training or certification to use.

The Mobile Leveler features manual or electric lift, extra rugged construction, low mast for improved visibility, dual wheel steering for optimum maneuverability, internal battery charger and battery discharge indicator, ergonomic contoured handle and group controls for operator convenience and a locking hand brake. Choose from the Fork-Over design (for open bottom pallets and skids) or the Straddle design (for any pallet style including closed bottom).



New Product: Standing tall with the EZ Reach Binsert



Southworth's EZ Reach Binsert is now available in Canada through Trans-Quip Inc. The EZ Reach Binsert reduces the risk of worker injury when picking from or placing materials in containers. It's easily installed in almost any size container and automatically raises and lowers, eliminating the need to bend and reach during the loading/unloading process.

The 500 lbs maximum capacity model has a fully compressed capacity of 375 lbs. The 1000 lbs maximum capacity model has a fully compressed capacity of 750 lbs. Both models feature a compressed height of 4.5", an expanded height of 26" and a platform size of 37.5" x 45.5". The unique bolt-in plastic platform can easily be cut to fit containers with inside dimensions as small as 16" x 36".



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