



# Trans-Quip Inc.'s Jacks Journal

March 2006

## Ergonomic Equipment Now Available from Trans-Quip

**T**rans-Quip Inc. has signed an agreement with Southworth International of Portland, Maine to represent their PalletPal® product line in Canada. Since 1988, Southworth has sold the PalletPal throughout the US as an ergonomic solution to manual pallet loading and unloading, and has now turned their focus north to Canada. The product line-up includes spring, pneumatic, and hydraulic actuated PalletPal Level Loaders, Mobile Levelers and Lift Trucks, Stretch Wrappers, Turntables and Rotators.



### PalletPal® Level Loaders

These are the products that revolutionized manual pallet loading and unloading in the United States. PalletPal Level Loaders are simple devices that will automatically maintain a load at the ideal height for the manual loading and off-loading of product. Starting with the original automatic spring-actuated unit introduced by Southworth in 1988, the line has grown to include several products tailored for specific application niches. Also available with either powered hydraulic or powered pneumatic actuation.

### PalletPal® Mobile Leveler

The mobile leveler is verstaile machine able to perform multiple functions. Used by itself as a mobile pallet positioner or as the perfect companion to the PalletPal, the mobile leveler can deliver and remove loads quickly and easily without the expense of a ride-on fork truck.



### PalletPal® Lift Truck

If you use open bottom pallets or skids, now you can transport and palletize with a single unit. Loads can be adjusted up and down at the touch of a button

or the unit can be equipped with an option "eye level" for auto leveling.

### PalletPal® Rotators

The Southworth pallet rotators and skid turners are for transferring skid loads from one skid to another to slip sheet. They are also ideal for removing torn bags and other damaged goods that are typically found at the bottom of most stacks.

### PalletPal® Roll-On™

With internal hydraulic power, PalletPal Roll-On Level Loaders lower to floor height so pallets can be rolled on and off with a hand pallet truck. The lift is then easily adjusted by pushbutton or foot switch control to maintain an ideal height for manual loading and unloading.

### PalletPal® Stretch Wrappers

Handwrapping is slow, backbreaking work with marginal results. An inexpensive alternative, the PalletPal Stretch Wrapper, incorporates a low-profile powered disc turntable and a stationary mast assembly. Simply wheel a loaded pallet onto the disc and move the stretch wrapping wand up and down the mast as the powered turntable spins the load.



### PalletPal Disc® Turntable

With a low-profile design and less than 1" high, allows PalletPal Disc Turntables to accept a hand pallet truck. By rotating the load the operator always works from the nearside without walking around the pallet. The risk of injury from reaching or stretching is virtually eliminated. The turntable can be easily moved throughout the plant.

For more information on any of these products, please visit [www.trans-quip.com/products/palletpalinfo.html](http://www.trans-quip.com/products/palletpalinfo.html) or contact Chris Daley at 1-866-261-0251 / 905-945-4480 or via email at [swproducts@trans-quip.com](mailto:swproducts@trans-quip.com).

# FEATURED APPLICATIONS



## Adjustable Sander Bed

Expressions of Wood is a Halifax, NS based manufacturer of custom solid wood furniture, cabinetry and accessories. A motorized sander bed that had been purchased by the company was used to move various lengths and thicknesses of wood through the sander. The company approached Trans-Quip Inc. to provide a solution that would speed up the process. Their requirement was to quickly adjust the sander bed to accommodate the different pieces of lumber and complete the sanding all under 5 minutes.

Trans-Quip provided an affordable and low maintenance system to Expressions of Wood. Along with two WJ1000-9-UP-T2 Joyce machine screw jacks, a handwheel was affixed on the outside of the machine allowing an operator to quickly and easily raise and lower the sanding bed.

## Conversion to Lifting Conveyor

North American Pipe and Steel Ltd. of Delta, BC cuts and stocks steel tubing and sheeting products in 27 acres of storage space in order to supply the western North American market. The company's Manufacturing Engineer designed a heavy-duty conveyor to handle the movement of stock at their facility. However, a solution was required to raise and lower the conveyor to off-load the steel products from their trucks.

Trans-Quip solved this problem by supplying four 15 ton Joyce Jacks (WJ815-31-UP-T2) to support the conveying bed. By creating a "lifting conveyor" the conveyor can be positioned to accommodate any height of load on trucks. This cost-effective solution allowed the company to eliminate the need for the purchase of additional docks or loading ramps.



*A special thanks to Expressions of Wood and North American Pipe and Steel Ltd. for allowing us to feature their stories.*

## Q & A

**Q: What are the benefits of ordering an Integrated Linear Actuator?**

**A:** Integrated actuators offer maximum design flexibility with a selection of gear ratios, 56C motor mounting, and a choice of ACME Screw or High Speed Ballscrew. Standard Strokes range from 6", 8", 12" or 24". Custom strokes are available upon request.

**Q: Are Limit Switches for Linear Actuators (the LA series) preset at the factory?**

**A:** Models with Limit Switches must be installed prior to setting the Limit Switch. This allows the flexibility to tailor the stop positions to individual application requirements. Limit Switches are 2 position.

**Q: I've purchased Joyce Screwjacks in the past and have been able to get replacement parts for repairs. Are the Linear Actuators User-Serviceable?**

**A:** A comprehensive O & M Manual is supplied with each actuator and most components can be replaced in the field. However, it is often more convenient and cost effective to purchase the entire actuator.



Haven't Received the New Joyce/Dayton Catalogue or JaxV2.0 CD?

Call or email us today to get your free copy.



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