



Manufacturer of Automotive Parts Reduces Back Injuries and Boosts Production

Features and Benefits

Improved Production and Worker Satisfaction

Once in position, a powerful hydraulic system, lifts the container, raises it to the proper height, and tilts the open end toward the operator, allowing unrestricted access to contents. Bending and stretching are eliminated and there's virtually no risk of back injury.

Industry Group: Ergonomic Assist Systems and Equipment (EASE)



This company produces a wide variety of custom seals and gaskets for the automotive industry. After knitting, cutting, and performing, the preformed products are hand-picked from large tubs and placed in a press.

The Problem:

Until recently, the preformed parts were delivered to the press in containers holding hundreds of parts. The press operator was then required to unload the containers, one part at a time; a process that required repeated bending and stretching until the last of the parts was removed and placed in the press. The operation was hard on workers' backs and a real production bottleneck.

The Operations Manager said, "We were determined to eliminate back injuries," "That was our number one concern. And we definitely wanted to increase the efficiency of the press operation."

The Solution:

The answer is a product known as a Portable Container Tilter. It is specifically designed to provide safe, easy access to parts in large containers. The unit rides on front rollers and rear swivel casters and can be wheeled easily under any container with fork clearance. Once in position, a powerful hydraulic system lifts the container, raises it to the proper

height, and tilts the open end toward the operator, allowing unrestricted access to contents. Bending and stretching are eliminated and there's virtually no risk of back injury.

The container tilter handles large, 36" x 48" steel tubs containing up to 600 lb. of performs. Production at the press now totals about 400 pieces per hour, a 30 percent increase over previous production rates. The unit has proved so successful that five more have since been purchased for similar applications at the plant. All are 2000 lb. capacity units (a 4000 lb. capacity tilter is also available) and all are equipped with optional remote pushbutton controls that allow precise positioning of the tilting mechanism at any angle from 0 degree to 85 degrees.

SOUTHWORTH

Southworth International Group, Inc.

11 Gray Road

Falmouth, ME 04105

207-878-0700

salesinfo@southworthproducts.com

www.southworthproducts.com