

# JRI Case Study

## Printing Industry

### Customer's Industry and Application Details:

Customer is a large printing facility in the U.S. And they operates several printing lines in a 24/7 operation.

The requirements were to wash various printing press parts on a "roll-around" cart in a tunnel washer. The parts included ink pans, transfer pumps, buckets, and doctor blades. The cart is at grade level for convenient loading and unloading of the washer. This required putting the wash and rinse tank below grade.

### The JRI Solution:

The solution, customized to the needs of the customer. This application called for a Tunnel Washer with a below grade wash and rinse tank.

### Important Features of Tunnel Washer

- . Wash and Recirculating Rinse System
- . Below grade wash and rinse tanks
- . Wash and rinse water filtration
- . Roll-up entry door to reduce overall machine footprint
- . Interior dimensions: 64"x160"x52" (1625 mm x 4064 mm x 1327 mm)
- . Two 40 hp (29.8 kw) wash pumps
- . One 15 hp (11.1 kw) rinse pump
- . Oscillating spray headers
- . Heat source: plant steam
- . PLC controlled with Mini-Operator Display



Cart with Ink Pans, Ink Pumps, etc.



Cart entering Tunnel Washer



Cart inside Tunnel Washer



Tunnel Washer prior to Installation



*Focused Precision Cleaning*

JRI Industries  
1339 N. Cedarbrook Ave  
Springfield, MO 65802  
Ph: (417) 866-8855  
www.jriindustries.com