

APPLICATION BULLETIN

Customer: Ryobi Motor Products Corporation

Application: Storing materials for assembly line setup

Product: ROPAK™ 40"x48"x39" and 40"x48"x29" containers



Problem: Assembly line setups took too much time. One out of five setups required an additional half-hour to locate misplaced tooling which were stored in eight metal racks on the shop floor.

Solution: A lift truck moves ROPAK containers from a storage area to the appropriate assembly line. A master list identifies which setup parts are in each container and where the container is stored. By checking a station control document, setup specialists are able to install the right tooling and fixtures for each station in the line. The empty containers can be quickly collapsed to a fraction of their height for space saving storage until needed.

Results: Setup time has been reduced by 15 minutes. This savings alone provided for a 6 month payback on investment and downtime has been cut by 10%, providing additional \$33,000 annual savings.

