

APPLICATION BULLETIN

Customer: Harley-Davidson

Application: Receiving shipments of OEM parts, including metal stampings, castings, forgings, electrical components and seats

Product: ROPAK™ 45"x48" and 32"x30" containers, both are 34" or 25" tall



Problem: Several parts were being shipped into the facility in expendable packaging as much as twice a day. This type of packaging took up a lot of floor space and didn't protect parts very well, which created great potential for damage. Disposing of the waste was costly and time consuming.

Solution: A returnable container program was implemented to assist Harley-Davidson in assembling up to 600 motorcycles daily on a JIT basis. Using dunnage with ROPAK containers allows Harley-Davidson to standardize container types and reduce the potential for damaging parts during handling or transit. The containers are stacked up to 3 high, which saves on floor space.

Results: Using ROPAK high-density polyethylene containers has greatly reduced the costs associated with expendable packaging. Having few standard container sizes allows Harley-Davidson to cube out unit and trailer loads and saves money on shipping. The returnable containers protect parts and materials and also save space on the assembly line where real estate is always at a premium. When the containers are empty, they are collapsed, which economizes on the return and staging of empty containers.



LINPAC Materials Handling