

Make paper cushioning only when needed.

Replace wood and hand-cut inserts with paper made at pack-out.

65%

Less packing time

70%

Less packaging space

28%

Lower annual TCO

CURRENT PACKAGING PROBLEM

Variable material build **\$260K PER YEAR**

Manual packing **\$112K PER YEAR**

Storage + handling loss **\$128K PER YEAR**

OBJECTIVE

Support load points, fill voids and keep the part off every wall.

RECOMMENDED PACKAGING
AI CONCEPT RENDER

RECOMMENDED SYSTEM
ON-DEMAND PAPER CUSHIONING +
CARTON
POSSIBLE SUPPLIER • Ra*k**

Make the paper pad, coil the base, load the part, fill voids and add a top coil.

WHY THIS IS THE RIGHT FIT

- On-demand conversion removes cutting and staging.
- One paper consumable replaces wood and multiple inserts.
- Crumpled coils flex around variants and recycle with the carton.

HOW IT PACKS — FIVE STEPS
AI PROCESS STORYBOARD


1 Make paper pad



2 Coil the base



3 Load control arm



4 Fill + lock



5 Close + seal

ILLUSTRATIVE ANNUAL TOTAL COST

120,000 CONTROL-ARM SETS / YEAR

CURRENT
\$500K

PROPOSED
\$360K

SAVINGS
\$140K

PAYBACK
6.0 MO

TCO CALCULATION TCO = materials + labor + storage + handling/risk; annual savings = \$140K.

NEXT STEPS

1 Define pad lengths.

2 Protect contact points.

3 Run drop tests.

TURN YOUR CURRENT PACK INTO A VALIDATED SYSTEM.

START YOUR PACKAGING REVIEW