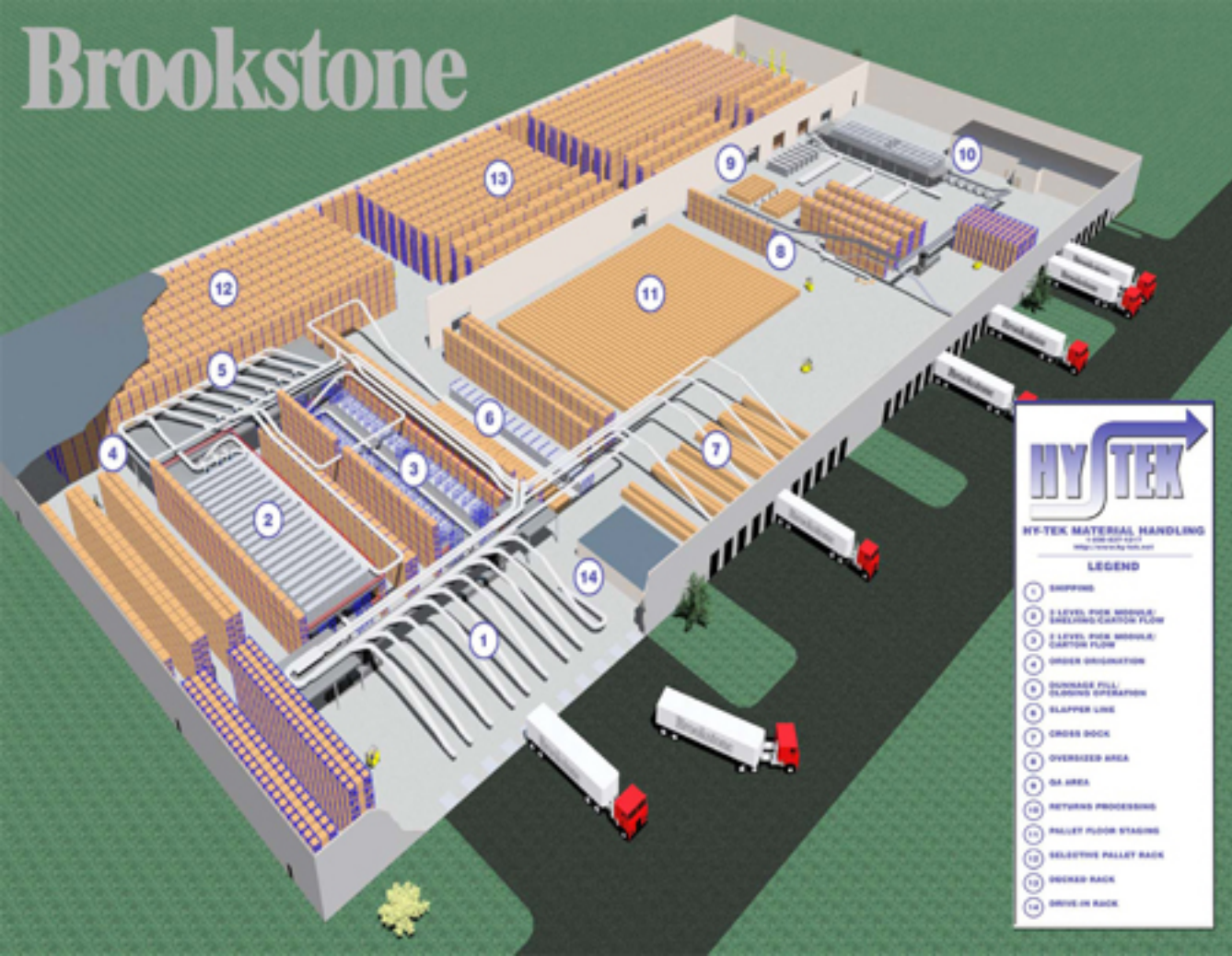


# Brookstone



## HY-TEK

HY-TEK MATERIAL HANDLING  
1-800-451-7227  
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### LEGEND

- 1 SHIPPING
- 2 2 LEVEL PICK MODULE/  
SHELFED CARTON FLOW
- 3 2 LEVEL PICK MODULE/  
CARTON FLOW
- 4 ORDER CONSOLIDATION
- 5 ORDER PICK/  
SLAPPER LINE
- 6 ORDER DOCK
- 7 OVERSIZED AREA
- 8 QA AREA
- 9 RETURNS PROCESSING
- 10 PALLET FLOOR STAGING
- 11 SELECTIVE PALLET RACK
- 12 DOCKED RACK
- 13 DRIVE-IN RACK

# Brookstone

## General Description

Total system integration, shipping sorter, cross-dock, return goods system, oversize system and trash system. The entire warehouse was re-engineered from one end to the other.

## Equipment Integrated

Intelligrated conveyor with high-speed shoe sorter (120cpm), Ermanco pick and pass units, Transnorm belt curves, Mettler Toledo scales, Kingway/Inca racking and pick modules, Republic shelving, Stack Bin workstations & Torbeck mezzanines and Ingersoll Rand Compressors.

## Control System

Compass control system with Compass Order Routing System. WMS interface with Manhattan Software (PKMS).

## Schedule

Started installation January 1, 2004. Pick modules through shipping sorter complete July 15, 2004. Return goods and oversize area complete August 15, 2004.

## Industry Type

Specialty retail merchandising.

## Orion Lighting

Completed during overall integration of additional pick module.

## Challenges

Installing in an existing warehouse, maintaining uptime for on-going operations was prime responsibility.

## Industry Profile

Brick & Mortar, Internet & Catalog.