



SJF.COM 320 485 4970 SAM@SJF.COM

SINCE 1979

BASED IN WINSTED, MN

Family owned and operated since 1979, SJF Material Handling works to deliver the highest quality warehouse systems with a focus on right fit for new, growing, and established companies

SYSTEM INTEGRATION

RIGHT FIT SOLUTIONS

Turn-key solution delivery for advanced automation in distribution and fulfillment centers. SJFs experts offer full design, install, and support of all warehouse systems.

STORAGE SYSTEMS

***SOLUTIONS FOR BEST USE OF
SPACE***

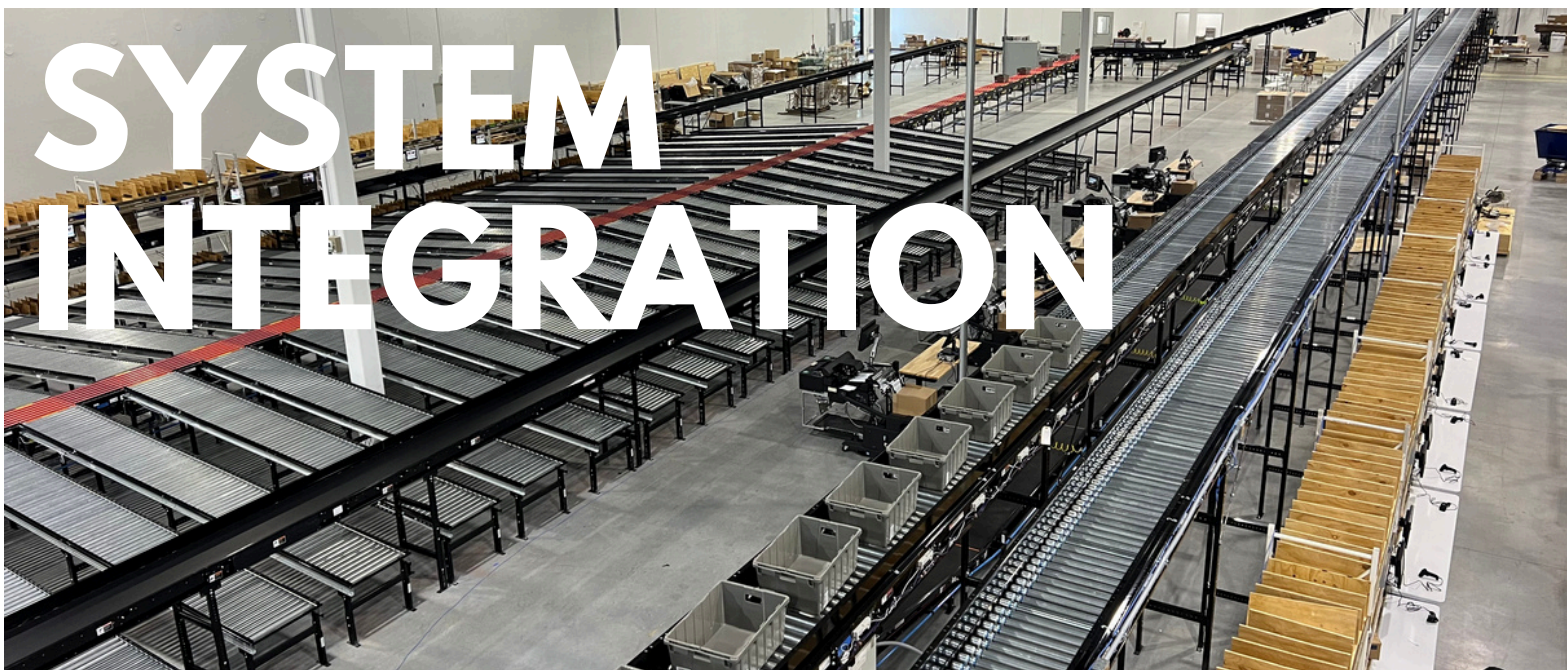
Full layout and design services to explore all options and ensure the highest use of space for your storage system. We have designed, permitted, and installed systems coast to coast.

USED EQUIPMENT

BUY WITH CONFIDENCE

We offer comprehensive inventory and refurbishing of used equipment. Our receiving process eliminates all doubt, and allows the buyer to understand exactly what they are getting.

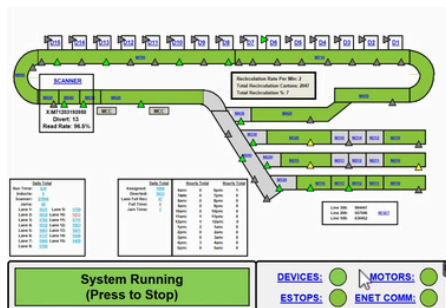




SYSTEM INTEGRATION

WCS/CONTROLS

TAKE COMMAND OF YOUR CONVEYOR SYSTEM, AND INCREASE VISIBILITY WITH WAREHOUSE CONTROL SYSTEM AND HMI CONTROLS



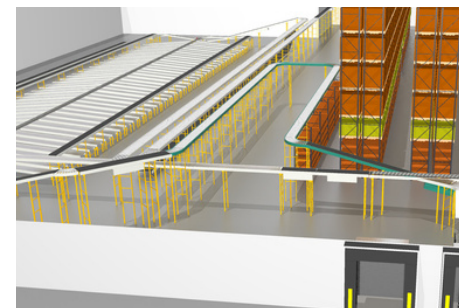
INSTALLATION

ENSURE YOUR SYSTEM IS INSTALLED CORRECTLY WITH SJF PERMITTING, INSTALLATION, AND PROJECT MANAGEMENT



CONSULT/DESIGN

DISCOVER THE OPTIONS AND RIGHT FIT FOR YOUR PARTICULAR REQUIREMENTS WITH IN-DEPTH CONSULTING AND MODELING



SLAM SYSTEMS

SCAN/LABEL/APPLY/MANIFEST AUTOMATE INBOUND OR THE LAST 100' OUTBOUND FOR ACCURATE DATA AND TRACKING



RETROFIT

WE ARE EXPERTS AT PLANNING AROUND EXISTING INFRASTRUCTURE TO UPGRADE OR MODERNIZE FULFILLMENT SYSTEMS



ROBOTICS

INCREASE PRODUCTIVITY WITH PICKING, PALLETIZING, DEPALLETIZING, AGV, AND GOODS TO PERSON SYSTEMS





FULFILLMENT SYSTEMS

E-COMMERCE

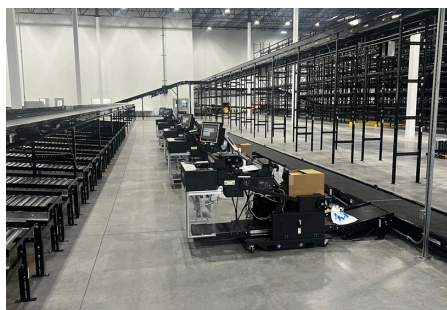
AUTOMATED SOLUTIONS FOR DTC FULFILLMENT
RECEIVE/PICK/PAK/SHIP ITEMS WITH ACCURACY
AND SPEED FOR HIGH SKU EACH PICK FULFILLMENT

RETAIL

BY COMBINING TRIED AND TRUE METHODS OF
STORAGE AND DISTRIBUTION WITH CUTTING EDGE
TECHNOLOGY, LEVERAGE THE MOST OF YOUR DC
FOR OMNICHANNEL RETAIL FULFILLMENT

CROSSDOCK

ELIMINATE TOUCHES AND TRACK PRODUCT DIRECTLY
FROM RECEIVING TO SHIPPING BY AUTOMATING WITH
RELIABLE CONVEYOR SYSTEMS



THIRD PARTY LOGISTICS (3PL)

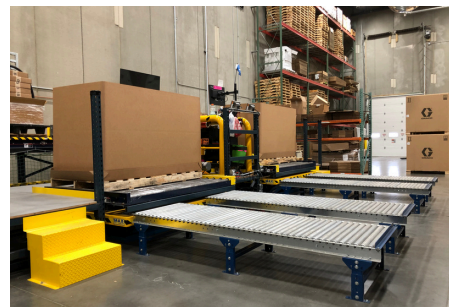
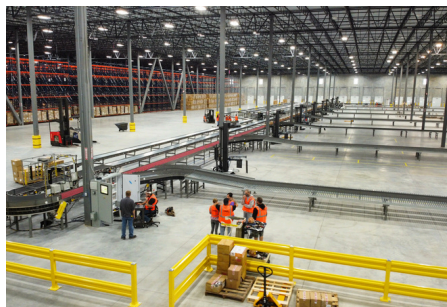
WE ARE EXPERTS DESIGNING SYSTEMS FOR HIGH
RELIABILITY AND SPEED TO DELIVERY FOR THE EVER
CHANGING WORLD OF 3PL LOGISTICS

FOOD/BEVERAGE

OPTIMIZE STORAGE AND FULFILLMENT FOR FOOD
AND BEVERAGE, WHETHER HIGH DENSITY STORAGE
FROM MANUFACTURING OR EACH PICK FOR STORE
FRONT DELIVERY, WE HAVE DONE IT ALL

MANUFACTURING

IMPLEMENT SYSTEMS TO IMPROVE FLOW OF GOODS
THROUGHOUT THE MANUFACTURING PROCESS WITH
ERGONOMICS, AUTOMATION AND ROBOTICS





STORAGE

SELECTIVE

HIGHEST AVAILABILITY AND LOWEST COST, SELECTIVE RACK SYSTEMS ARE THE MOST WIDELY USED STORAGE METHOD



VNA

SELECTIVE RACK WITH NARROWEST AISLES ATTAINABLE USING WIRE GUIDED FORKLIFTS



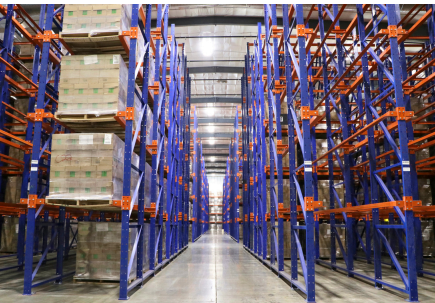
PALLET FLOW

FIRST IN - FIRST OUT DYNAMIC STORAGE UTILIZING ROLLERS TO ALLOW PALLETS TO FLOW TO PICK FACE



DRIVE IN

LAST IN - FIRST OUT MULTIPLE DEPTH STORAGE IDEAL FOR HIGH VOLUME WITH LOW SKU



PUSHBACK

LAST IN - FIRST OUT MULTIPLE DEPTH STORAGE WITH HIGHER SELECTIVITY THAN DRIVE IN



SHUTTLE

SEMI-AUTOMATED DEEP LANE STORAGE FOR HIGH VOLUME LOW SKU COUNT PRODUCTS. USERS PLACE THE SHUTTLE INTO THE RACK, AND THE SHUTTLES DELIVERS PRODUCTS FOR PICKING





PICKING SOLUTIONS

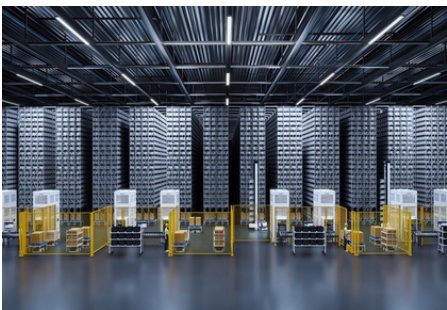
PERSON TO GOODS ROBOTICS

WORK WITHIN EXISTING INFRASTRUCTURE TO AUTOMATE PICKING AND PUTAWAY WITH ROBOTS WORKING ALONGSIDE EMPLOYEES



GOODS TO PERSON ROBOTICS

CREATE A HIGH DENSITY STORAGE SYSTEM WHERE PRODUCT IS DELIVERED DIRECTLY TO THE WORKSTATION, ELIMINATING WALKING AND INCREASING PICK RATES



CARTON FLOW

FIRST IN - FIRST OUT DYNAMIC STORAGE UTILIZING ROLLERS TO ALLOW CARTONS TO FLOW TO PICK FACE WITH BACK STOCK IMMEDIATELY BEHIND



STORGANIZER

CREATE A DYNAMIC MULTIPLE DEEP STORAGE SYSTEM TO EASILY PICK PRODUCT IN BACK HALF OF RACK STORAGE



PALLET FLOW

KEEP MULTIPLE PALLETS IN PICK POSITIONS WHERE THE BACK PALLETS ROLL FORWARD WHEN FIRST PALLET IS REMOVED



DIVIDERS

CREATE MULTIPLE PICK BINS WITHING PALLET RACK FOR A COST EFFECTIVE APPROACH TO BIN USE





NBS 90

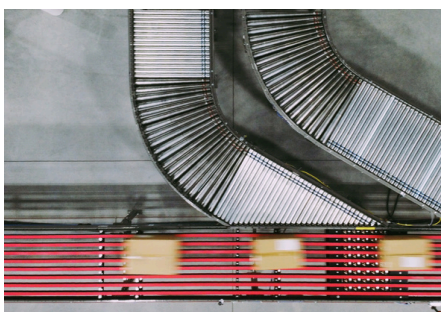
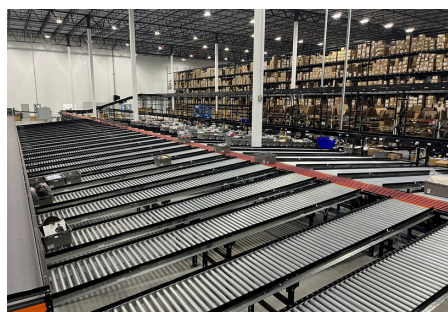
50CPM SORTATION THAT OPERATES BI-DIRECTIONAL WITH EACH DIVERT

NBS 30

90CPM SORTATION FOR A WIDE RANGE OF PRODUCT IN A HIGHLY FLEXIBLE AND RELIABLE SYSTEM

MODSORT

30 CPM 24V LOW RATE POLY BAG SORTATION IDEAL FOR GROWING E-COMMERCE COMPANIES



SHOE

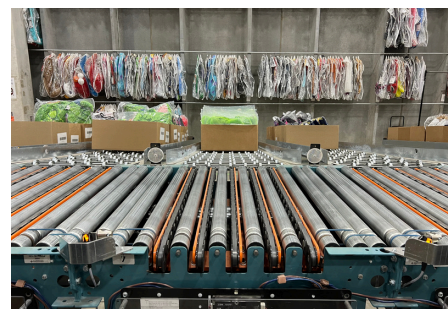
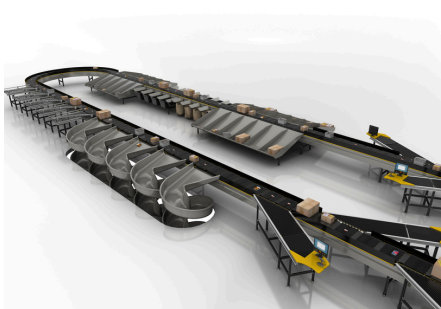
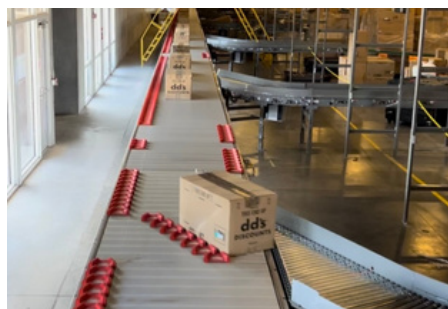
120+CPM SORTATION FOR TOTES, CARTONS, AND POLY BAGS

CROSSBELT/ BOMBAY

200+CPM SORTATION BATCH PICK AND SORT INDIVIDUAL ITEMS TO ORDER, OR HIGH VOLUME SORT OF OUTBOUND ORDERS

UBT

UNDER 15CPM LOW VOLUME BUT BUDGET FRIENDLY SORTATION OPTION FOR TOTES AND CARTONS





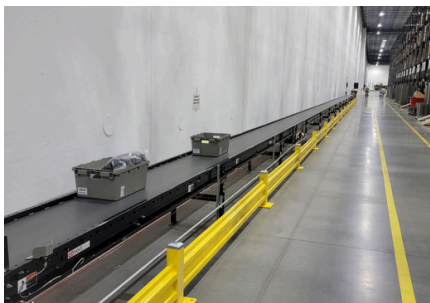
ACCUMULATION

COLLECT AND RELEASE PRODUCT WITH CONTROL USING A VARIETY OF ACCUMULATION SYSTEMS FIT TO SPECIFIC THROUGHPUT REQUIREMENTS



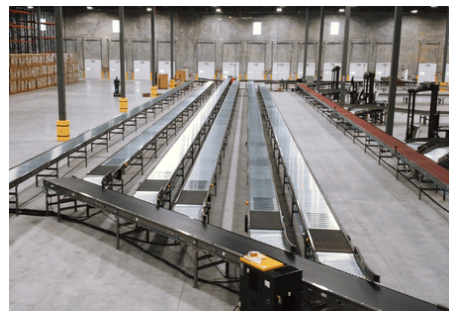
TRANSPORTATION

MOVE PRODCUT ACROSS THE BUILDING WITH BELT OR ROLLER CONVEYORS DESIGNED TO OPTIMIZE MATERIAL FLOW



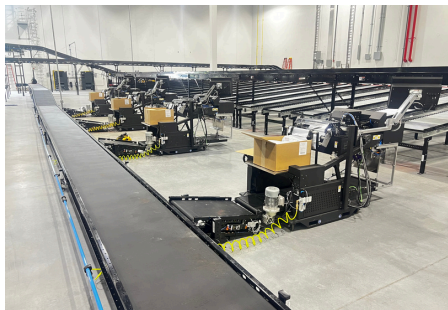
MERGE

COMBINE MULTIPLE LINES INTO ONE CONVEYOR TYPICALLY USED TO FEED SORTATION OR PACK LINES



POLY BAG

CREATE A CONSISTENT FLOW WITH CONVEYOR MADE TO HANDLE THE COMPLEXITIES OF POLY BAGS IN THE E-COMMERCE MARKETPLACE



LOADING/ UNLOADING

IMPROVE DOCK EFFICIENCY WITH CONVEYOR THAT EXTENDS INTO THE TRUCK FOR LOADING AND UNLOADING CASES



PALLET

STREAMLINE MOVEMENT OF PALLETS IN AND OUT OF AUTOMATED WRAPPING OR PALLETIZING LOCATIONS WITH A VARIETY OF CONVEYOR SYSTEMS AND TRANSFERS



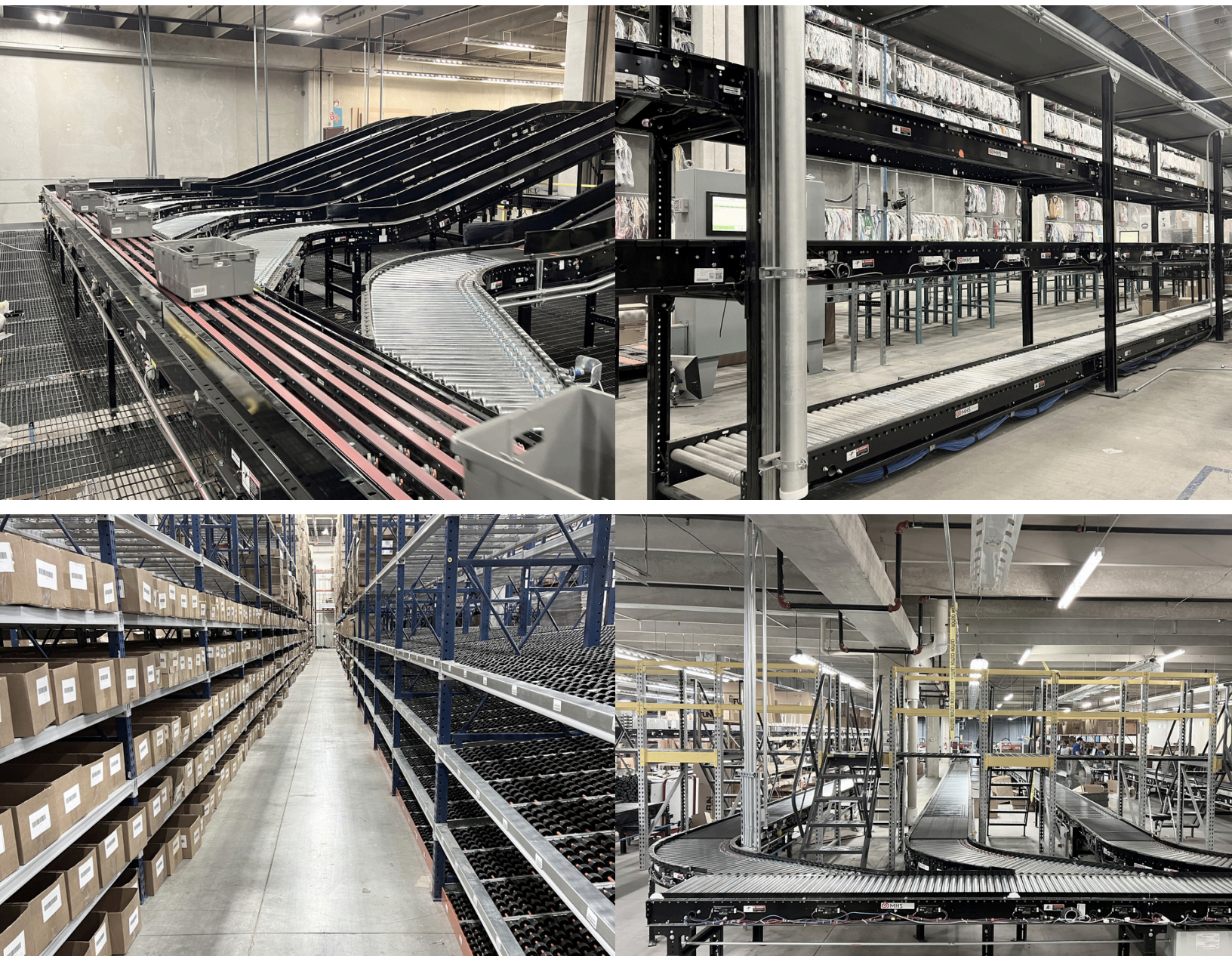
APPAREL DC

E-COMMERCE FULFILLMENT

A leading specialty apparel company, in their 180,000sqft fulfillment center in MN, carries over 50,000 SKU and ships over 80,000 orders on peak days. SJF has designed, installed, and updated their fulfillment center to handle high volume e-commerce orders with a variety of shipping methods by utilizing best in class automation, and well thought out processes.

- Six sortation systems to streamline product routing, replenishment, and outbound orders
- Vision scanning for high accuracy barcode reading
- Check-weigh and print apply
- Auto-bag Packaging Systems
- Quadruple stack replenishment workstations
- Polybag handling systems for high rate Auto-bag/convey/sortation

**80,000
Orders/day**



3PL CROSSDOCK

8 SITES ACROSS US

A leading 3PL has contracted SJF to install multiple sites of cross dock sortation centers for a Fortune 500 client. With 7 day a week operation, the facilities unload trucks to be sorted for store level delivery. A wide mix of cartons and heavy volume mean efficiency and reliability are key factors behind the design and integration of the systems.

- NBS30 mid rate sortation systems
- Custom WMS/WCS integration to communicate daily statistical and sortation data
- Traversing unloaders to allow multiple doors unloading simultaneously
- 6-side tunnel scanning allowing highest read rates for all carton dimensions
- Accumulation and merging to allow consistent unloading with minimal stoppages

***20 trucks
unloaded/
40,000 cartons
sorted daily per site***



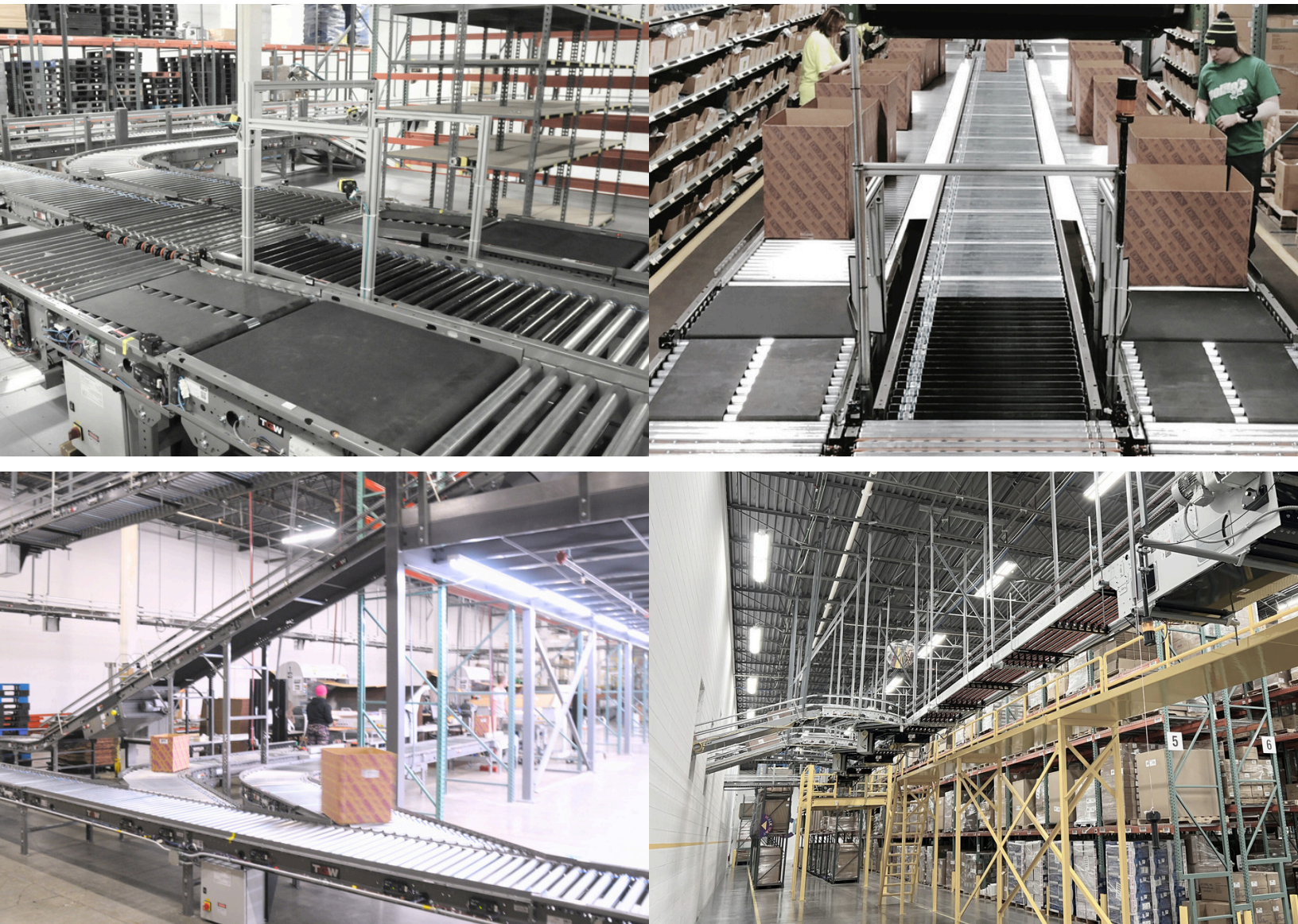
FOOD FULFILLMENT

HIGH VOLUME B2B

A large specialty food distributor, who supplies bakeries and professionals across the world, has worked with SJF to integrate an additional pick module. Since the addition, SJF has retrofitted an existing pick module, outbound pack lines, and outbound shipping systems as continuous improvement projects within the building. These projects have been able to be completed within existing structure, and with minimal downtime and disruption.

- Three zone routed pick modules with 17 zone to zone diverts
- Two sortation systems for packing routing and outbound orders
- Tunnel barcode scanning for high read rates at all divert locations
- Trash line conveyance for cardboard removal
- Packsize custom carton creation and Pearson automated sealing
- Robotic invoice insertion

***Over 500,000
units shipped on
peak weeks***





OUR PARTNERS

interlake
MECALUX

 **MHS** | CONVEYOR

 **HEARTLAND**
STEEL PRODUCTS

 **MILWAUKEE**
CONVEYOR

 **KEYENCE**

ROSS







MODOR 

 **LOCUS**
ROBOTICS

SICK
Sensor Intelligence.





 **ROACH**
CONVEYOR


J&L WIRE


North American Wholesale Logistics

3D
STORAGE SYSTEMS
LIMITED


ITC
MANUFACTURING

 **TREW**®

 **ADVANCE**
STORAGE PRODUCTS

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