

LOZIER® + CASI



Made in America, the Agility Powered Flexible Conveyor provides a durable and efficient solution for your conveying needs. Our expertise in manufacturing and engineering provides maximum efficiency in production, ensuring the best lead time in the industry at an affordable price.



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✉ convey@lozier.com
www.lozier.com

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Omaha, NE 68110

Our Powered Flexible Conveyor expands and contracts for easy mobility and storage and includes adjustable variable speed settings up to 115 feet per minute. Our robust design with precision robotic welds, has capacity for up to 100 lbs/per linear foot.



**AGILITY IS
THE PERFECT
CONVEYOR**

SOLUTION FOR:

■ DISTRIBUTION

■ RETAIL

■ MANUFACTURING

■ 3RD PARTY LOGISTICS

■ REVERSE LOGISTICS

■ TRANSPORTATION LOGISTICS




**ACCUMULATION
CONVEYOR**
**TRANSPORT
CONVEYOR**

● SIMPLE START/STOP WITH E-STOP	✓	✓
● ADJUSTABLE TELESCOPING LEGS (32" 34" 36")	✓	✓
● 120 VAC TO WALL RECEPTACLE	✓	✓
● BEST-IN-CLASS LATCH SYSTEM ENSURES CONVEYOR CAN BE ADDED AS NECESSARY WHILE THE WHOLE LINE STAYS SECURELY FASTENED TOGETHER.	✓	✓
● ZERO PRESSURE ACCUMULATION & AUTOMATIC SHUTOFF SENSE WHEN THERE IS A BLOCKAGE AND TURNS THE ROLLERS OFF AUTOMATICALLY, KEEPING THE PROCESS SAFE AND EFFICIENT.	✓	✗
● AUTO-SLEEP FUNCTION - CONVEYOR ZONES TURN OFF WHEN NO PRODUCT IS PRESENT, EXTENDING THE LIFE OF YOUR CONVEYOR.	✓ <small>WITH OPTIONAL ELM</small>	✗
● AUTOMATIC GAPPING	✓	✗
● AUTOMATIC MULTI-SPEED CONTROLS	✓	✗
● MANUAL ADJUSTABLE 4-SPEED	✗	✓
● DELUXE ELM COMPATIBLE	✓	✗
● PACKAGE SCANNING - SCAN BARCODES TO COUNT & SORT SKU'S OR TO INTEGRATE WITH OTHER SYSTEMS DOWNSTREAM.	✓ <small>WITH OPTIONAL SCAN HALO</small>	✗
● AUTOMATIC CONVEYOR CONFIGURATION- CONVEYORS CAN BE CONNECTED IN ANY ORDER WHILE MAINTAINING CONTROLS FUNCTIONALITY.	✓ <small>WITH OPTIONAL SCAN HALO</small>	✓

**CHOOSE
ACCUMULATION
CONVEYOR IF:**

- Precision material handling is required
- Integration with other conveyor or other systems may be necessary
- Longer conveyor life is important
- Package scanning and sortation may be required
- You want to attach multiple conveyors in a random order (with optional halo)

**CHOOSE
TRANSPORT
CONVEYOR IF:**

- You simply want to transport product from point A to point B
- Purchase price is most important
- Integration with other systems is not required

OUR OTHER SOLUTIONS THAT ARE COMPATIBLE WITH BOTH AGILITY ACCUMULATION AND TRANSPORT CONVEYOR:



AGILITY CURVE

Curved section of conveyor with tapered rollers and high guard rail. Identical Phoenix female connectors at each end ensure the conveyor is bi-directional. The curve conveyor may also run as a gapper if required, by programming separate zones to run at different speeds. Choose this option if you have a very tight workspace and require packages to convey at right angles.



AUTOMATIC BOX OPENING

Convey boxes to our IBOD to automatically cut open boxes in your receiving area.



ELM (END-LOADING MODULE)

The End Loading Module (ELM) with standard LED light, is a rugged section of conveyor attached to a section of flexible conveyor. It is designed to be a loading module that can withstand the day-to-day pounding from boxes being thrown on the conveyor.

Deluxe ELM

(Only available with Accumulation Conveyor) allows additional options: monitoring camera, collapsible step-ladder, operator fan, & built-in speaker.



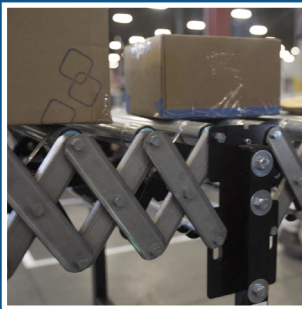
ACCUMULATION FLEXIBLE CONVEYOR (AAFlex)

Lozier's Accumulation Flexible Conveyor (AAFlex) provides enhanced functionality to the Lozier Agility conveyor Line. **AAFlex** is our smartest conveyor and includes fast-gapping, automatic shutoff, auto-sleep, and optional barcode scanning. Lozier's Accumulation Flexible Conveyor is the forefront of innovation.



AGILITY HALO 2.3

Our optional Scan Halo includes a 1D Datalogic scanner for reading package barcodes which is necessary for counting and sorting SKU's. The scan tunnel is the brain of your conveyor line and is from where AC power and control signals emanate.



AUTOMATIC

Automatic gapping & programmable speed adjustments allow our ZPA conveyor to seamlessly integrate with downstream scanning, sortation, and other automated systems.



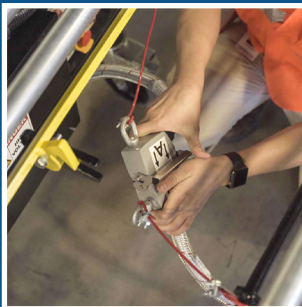
EFFICIENT

Built-in sensors start or stop each zone independently to ensure your packages move safely and efficiently. The individually powered zones also means the conveyor only runs when product is present-extending the life of your investment while saving electricity



SAFE

Whenever the conveyor senses a blockage, the rollers turn off automatically, keeping the process safe and efficient



MODULAR

Rugged, best-in-class latch system ensures conveyor can be added as necessary while the whole connected line stays securely fastened together. Agility auto-configures the conveyor IP addresses to maintain controls functionality.

ADVANCED PRODUCT FEATURES: INTERNET OF THINGS (IOT)

Customers can connect to the conveyor for data outputs and signals using the **AAFlex** telemetry capabilities. Whether sending conveyor performance information or interacting with other devices in your system, the **AAFlex** is truly the next generation of powered flexible conveyor.



OPTIONAL SORTATION SOLUTIONS COMPATIBLE WITH AGILITY ACCUMULATION CONVEYOR:

1. AGILITY 101E TEE-SORTER-

Divert product left or right



1



2

2. AGILITY FOLDING SORT WING-

Save space by sorting product onto a wing which folds up when not in use.



3



4

3. AGILITY FIXED WING-

Sort product onto a non-folding wing if space is not an issue.

4. AGILITY WING CART-

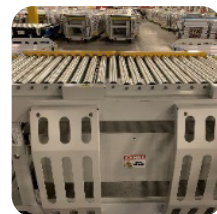
Reduce handling by sorting product directly onto our detachable stock cart.

5. AGILITY LANE 9-

Sort unscannable product to our reject lane.



5



6

6. AGILITY SHORT & LONG GAPPERS-

To gap automatically when sorting product.

7. AGILITY 4' & 8' EXTENSIONS-

Extend the length of your conveyor line based on the size of your product.



7



8

8. INLINE PRINT & APPLY -

For shipping or sub-sort label application.

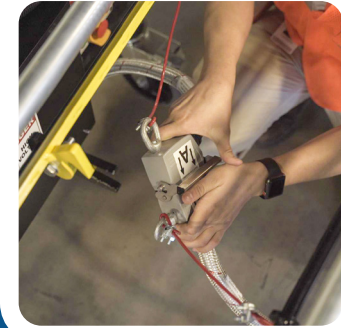
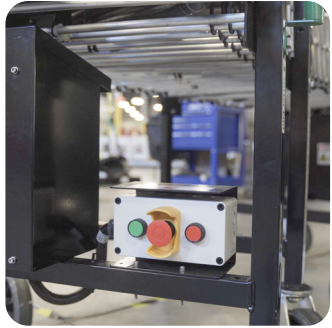


*Our software integration expertise provides you the ability to add automatic sortation to your **Agility Accumulation Conveyor.***



TRANSPORT FLEXIBLE CONVEYOR (ATFlex)

Lozier's **Transport Flexible Conveyor (ATFlex)** provides a durable and efficient solution for your loading and unloading needs. Our expertise in manufacturing and engineering maximizes efficiency in production, ensuring the best lead time in the industry at an affordable price. The **ATFlex** expands and contracts for easy mobility and storage and includes adjustable variable speed settings from 0-120 feet per minute. Additional accessories and features are available through the Lozier Agility Conveyor Product line.



SIMPLE START/ STOP

Manually turn the conveyor on or off to convey product.

VARIABLE SPEED

Manual variable speed controls allow operators to work at the same pace as product is conveyed.

MODULAR

Rugged, best-in-class latch system ensures conveyor can be added as necessary while the whole connected line stays securely fastened together.

DURABLE

- Robust design
- Capacity up to 100 lb/linear ft.
- Precise construction with robotic welds
- Laser cut components

FLEXIBLE

- Modular construction; designed to fit your needs
- Compact storage
- Adjustable heights

EFFICIENT

- Maximize productivity
- Variable speed settings
- Energy efficient 24-Volt
- 8" Locking casters for easy mobility





SPECIFICATIONS

Width	Height	Length
24" Nominal / 30.5" Overall 30" Nominal / 36.5" Overall	32"-36" adjustable in 2" increments	Varies based on number of sections

Roller Spacing:	Variable Speed	Capacity
3" on center / 6" minimum product length 4" on center / 8" minimum product length 5" on center / 10" minimum product length	76' - 132' per minute	100 lbs per linear foot

Electrical

Voltage:

120 VAC Single Phase

Current:

4 AMPS

Rating:

UL 508A

Connectors:

Infeed End (Phoenix Female)
Outfeed End (Phoenix Male)

Bus:

- Power (20 Amp AC / 60Hz)
- Flex Conveyors with more than 7 sections are provided with 30 amp power upgrade with 6 amps per conveyor
- Data (Ethernet CAT 5e)
- Safety (Category 1)

Environmental

Temperature:

0° C to 40° C
(32° F to 104° F)

Humidity

(RH non-condensing):
10% to 90%

IP54 rating:

Resistant to dust, ingress
and brief water exposure

Length and Expansion Ratio

Roller Spacing: 3" On Center

No. of Sections	Expanded Length	Contracted Length	Expansion Ratio
2	6' 3"	4' 0"	1.56
3	9' 3"	5' 9"	1.60
4	12' 3"	7' 7"	1.62
5	15' 3"	9' 4"	1.64
6	18' 3"	11' 1"	1.65
7	21' 3"	12' 10"	1.65
8	24' 3"	14' 7"	1.66
9	27' 3"	16' 5"	1.66
10	30' 3"	18' 2"	1.67

Roller Spacing: 4" On Center

No. of Sections	Expanded Length	Contracted Length	Expansion Ratio
2	8' 4"	4' 5"	1.88
3	12' 4"	6' 3"	1.96
4	16' 4"	8' 2"	2.01
5	20' 4"	9' 12"	2.04
6	24' 4"	11' 10"	2.06
7	28' 4"	13' 8"	2.07
8	32' 4"	15' 6"	2.08
9	36' 4"	17' 5"	2.09
10	40' 4"	19' 3"	2.10

Roller Spacing: 5" On Center

No. of Sections	Expanded Length	Contracted Length	Expansion Ratio
2	10' 5"	4' 10"	2.15
3	15' 5"	6' 9"	2.27
4	20' 5"	8' 9"	2.34
5	25' 5"	10' 8"	2.39
6	30' 5"	12' 7"	2.42
7	35' 5"	14' 6"	2.44
8	40' 5"	16' 5"	2.46
9	45' 5"	18' 5"	2.47
10	50' 5"	20' 4"	2.48



ABOUT US

Headquartered in Omaha, Nebraska, Lozier has been a trusted partner of the retail industry since 1956. We are the leading manufacturer of store fixtures, with annual sales of over \$500 million. Lozier currently has over 4.3 million square feet of manufacturing and distribution space and employs over 1,800 people nationwide. With our seven US facilities and a robust import program, we're able to provide customers with a broad range of options to fit their budgets and time frames.



We're proud to be known throughout the industry for our commitment to quality, service, and value. We look forward to learning more about how we can support your needs.

Hear what makes Lozier different from other suppliers in our brief video.

The Lozier Story: <https://lozier.com/about/>



TECHNOLOGY PARTNERSHIPS

Through strategic partnerships, Lozier has enhanced its capabilities. Building on our expertise in manufacturing and utilizing our world class infrastructure, we deliver a wide range of innovative and technological solutions. Lozier serves a wide variety of markets including:

- DISTRIBUTION
- 3RD PARTY LOGISTICS
- RETAIL
- REVERSE LOGISTICS
- MANUFACTURING
- TRANSPORTATION LOGISTICS

OUR PRODUCTS

Lozier provides an extensive product line of equipment and accessories, including:

- FLEXIBLE CONVEYOR
- RETAIL & WAREHOUSE AUTOMATION
- PALLET RACKING
- GONDOLA & DISPLAY SHELVING
- WIDESPAN SHELVING



Flex Conveyor



Widespan



Pallet Rack



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LOZAGI-040320