



C O N V E Y O R S

A DURAVANT COMPANY

LITESORT

AUTOMATED SORTATION SYSTEM

LITESORT AUTOMATED SORTATION SYSTEM



LITESORT :: KEY BENEFITS

MODULAR DESIGN :: Sections are on casters for convenient relocation, and divert wings are foldable to reduce storage area and improve maneuverability

READY TO SCAN :: Scan and read barcodes to more accurately sort items with up to five side scanning

PLUG & PLAY :: Utilizes 110V power and simple 24V DC control systems

SIMPLE DEPLOYMENT :: No special tools or skills are required to build or operate the system



LITESORT :: EFFICIENCY GAINS

- Faster load / unload
- Reduced labor & number of touches
- Improved ergonomics
- Reduced walking for associates
- Faster training for associates
- Faster replenishment process
- Consistent product flow



LITESORT :: STANDARD SPECIFICATIONS



Load Capacity	50 lbs/ft
Roller Size	1.9 in
Roller Widths	30 in
Standard Axle Centers	3 in
Motor Driven Rollers	24V DC Brushless
MDR Speeds	60 - 194 fpm
Scannable Sides	Up to 5 sides
System Sortation Rate	25 - 30 cartons per minute

CONVEYABLE SIZES

	Length	Width	Height
Minimum	9 in	6 in	1 in
Maximum	48 in	25 in	24 in
Average	18 in	12 in	10 in

Conveyable sizes based off of configuration.

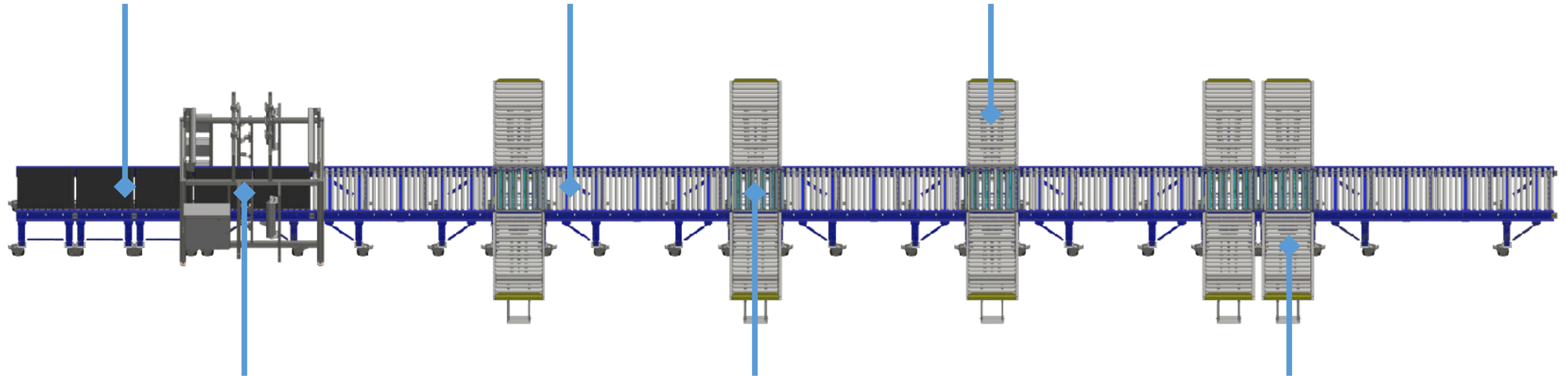


LITESORT :: SYSTEM OVERVIEW

**BELTED GAPPING
MDR CONVEYOR**

**MDR
CONVEYOR**

**SINGLE GRAVITY
DIVERT WINGS**



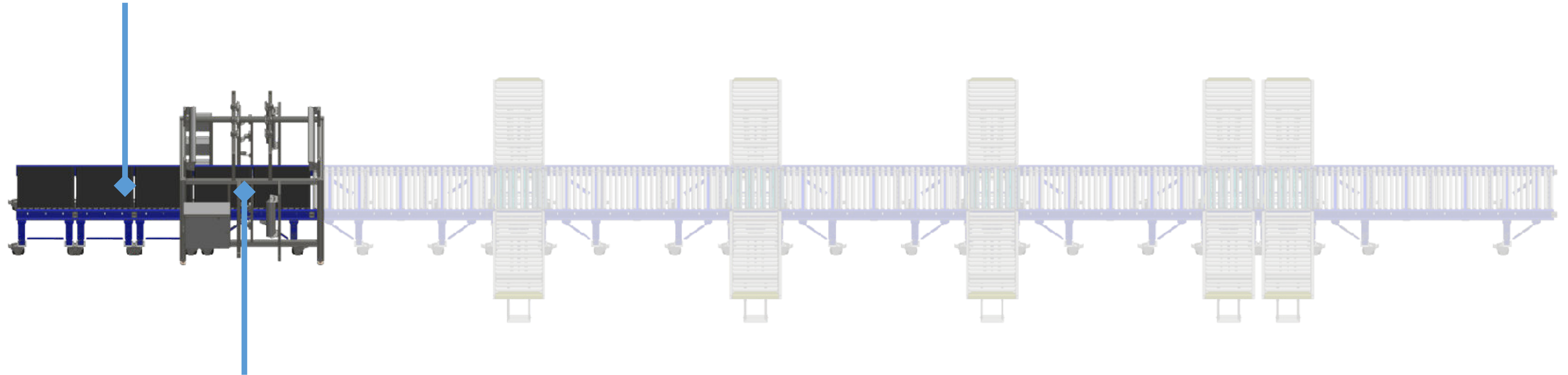
**INTEGRATED
SCAN TUNNEL**

**POP-UP
DIVERTS**

**DOUBLE GRAVITY
DIVERT WINGS**

LITESORT :: GAPPING & SCANNING

**BELTED GAPPING
MDR CONVEYOR**



**INTEGRATED
SCAN TUNNEL**

LITESORT :: GAPPING & SCANNING



BELTED MDR GAPPING CONVEYOR

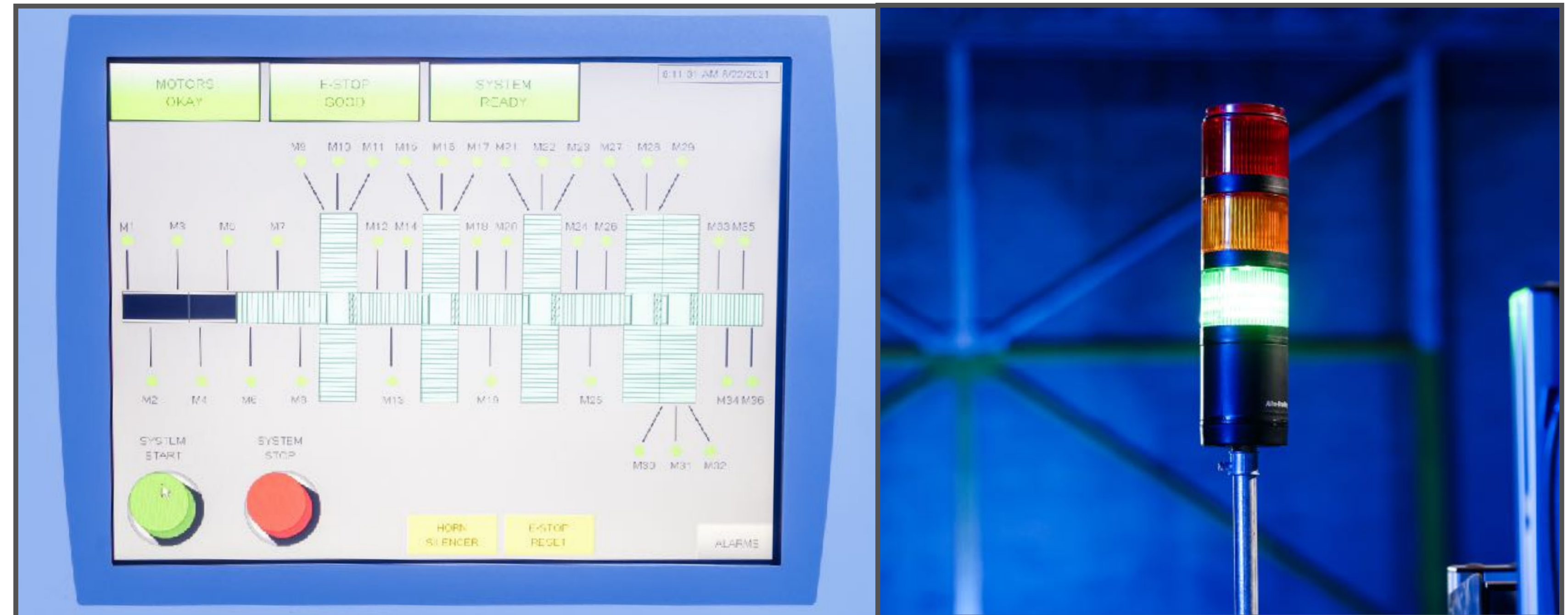
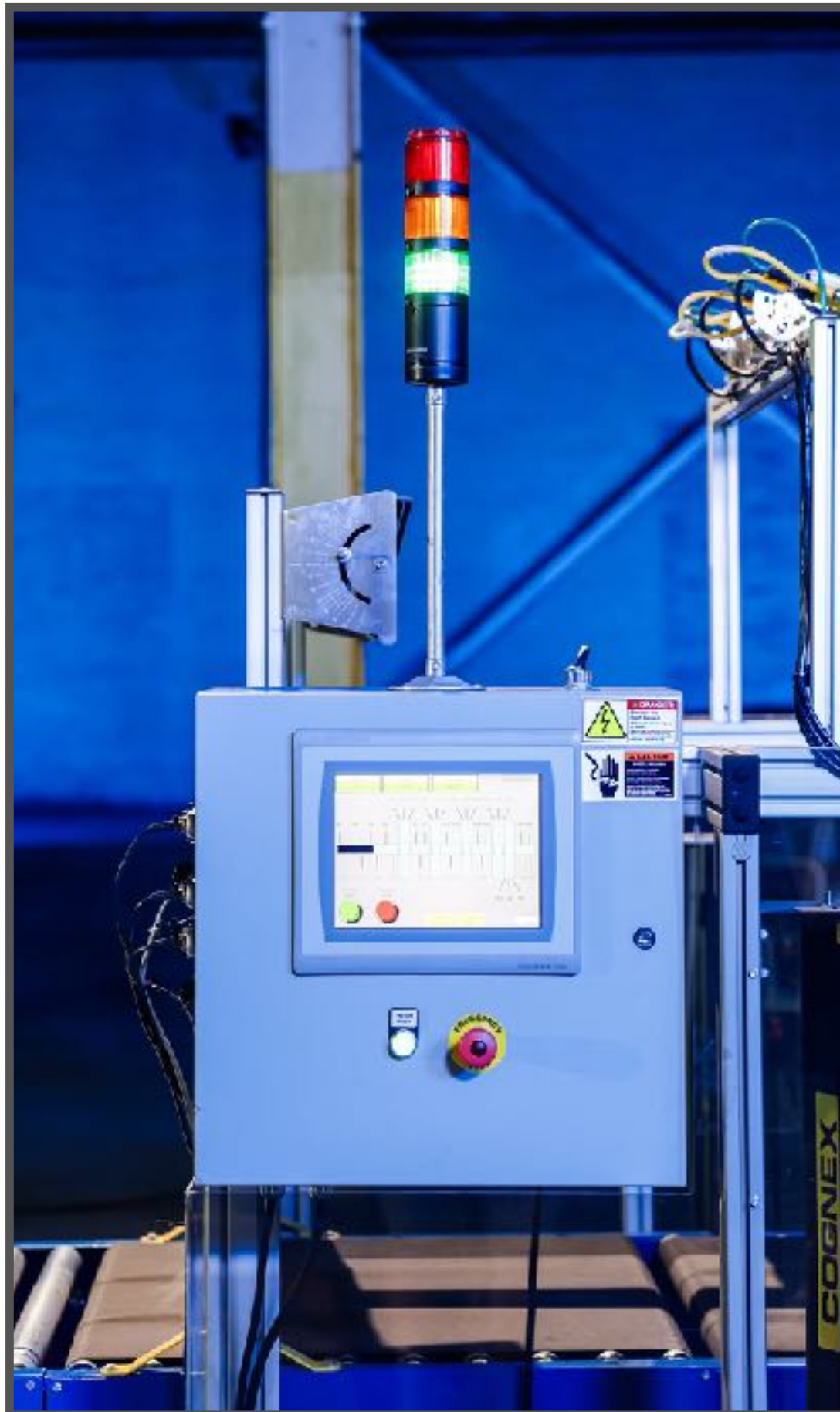
Ensure proper gap between items going through the scanner



INTEGRATED SCAN TUNNEL

Scan up to five sides to automatically determine sort locations

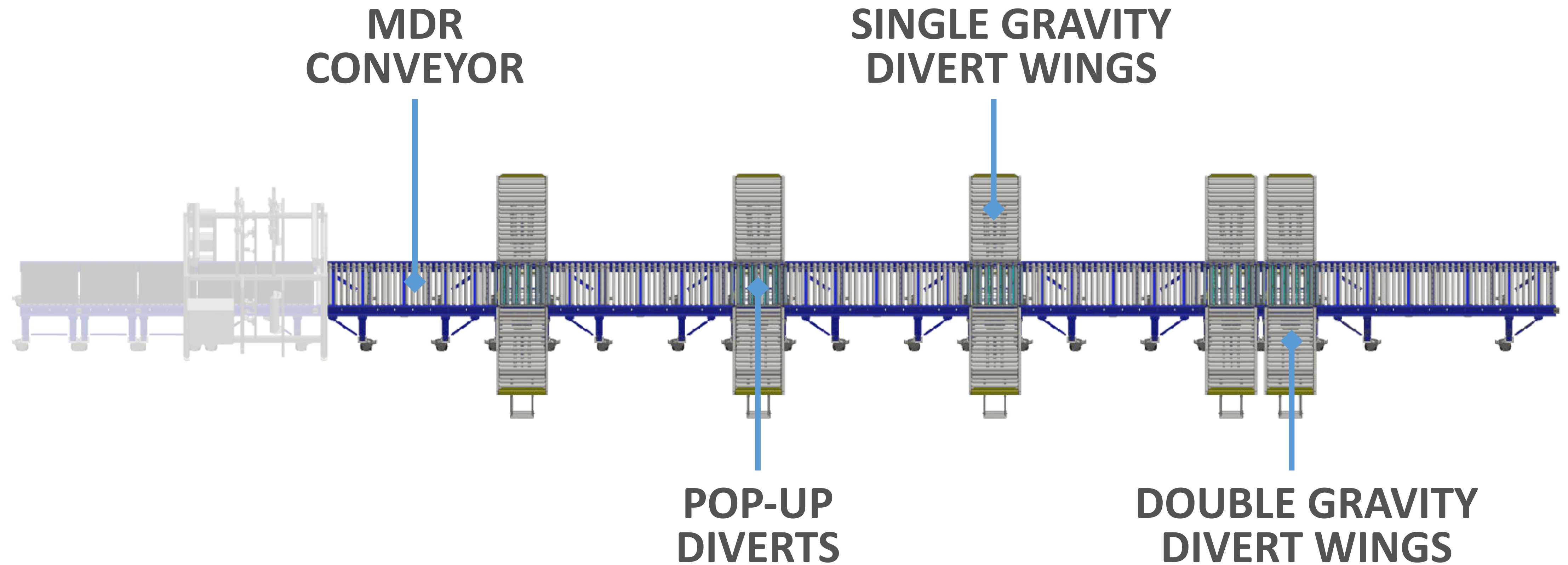
LITESORT :: INTUITIVE CONTROLS



INTUITIVE INTERFACE & STACK LIGHT

Quickly know LITESORT is working at full capacity with convenient access to key operational and diagnostic information

LITESORT :: MODULAR SORTATION



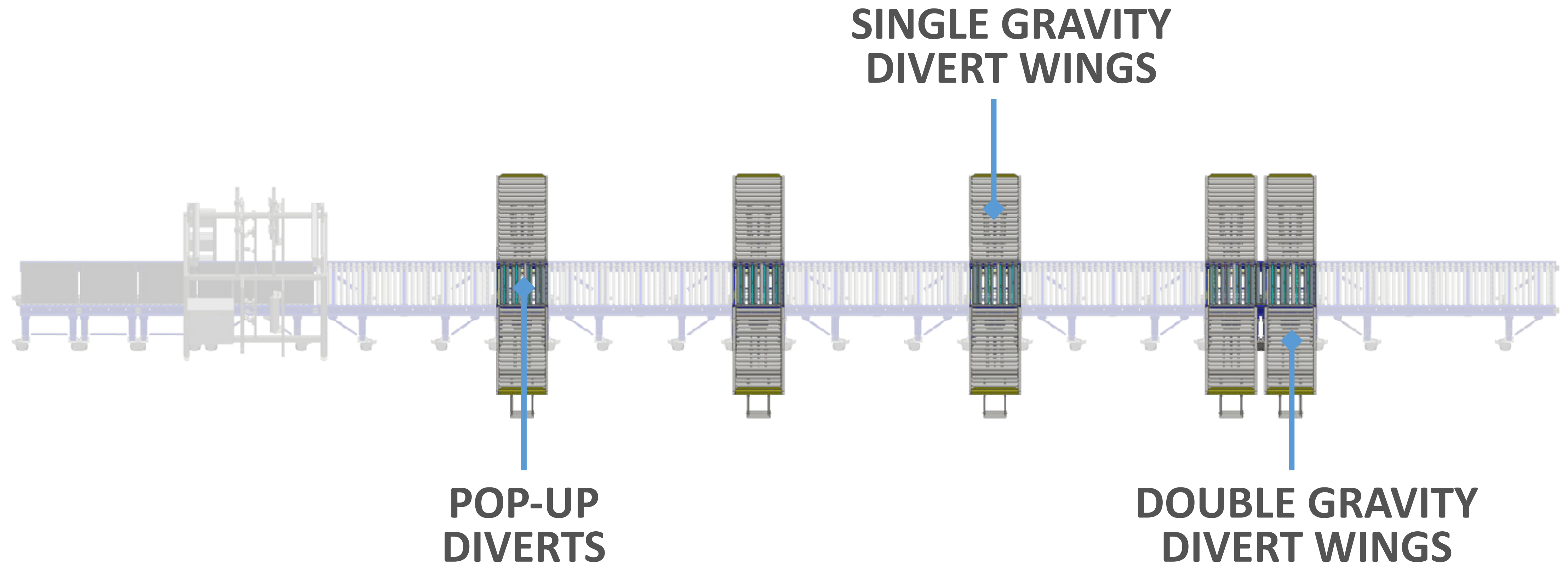
LITESORT :: MODULAR SORTATION



MODULAR DESIGN ALLOWS COMPLETE CONTROL

- Sort to any number of wings
- Configure single or double gravity divert wings
- Sort to other conveyors like BestFlex or BestConnect

LITESORT :: DIVERTS & WINGS



LITESORT :: DIVERTS & WINGS



FOLDABLE GRAVITY DIVERT WINGS

Quickly fold for storage to maximize every square foot in your facility



BI-DIRECTIONAL POP-UP DIVERTS

24V All electric mechanism avoids the need for pneumatics

LITESORT :: BASE CONFIGURATION

**BELTED GAPPING
MDR CONVEYOR**

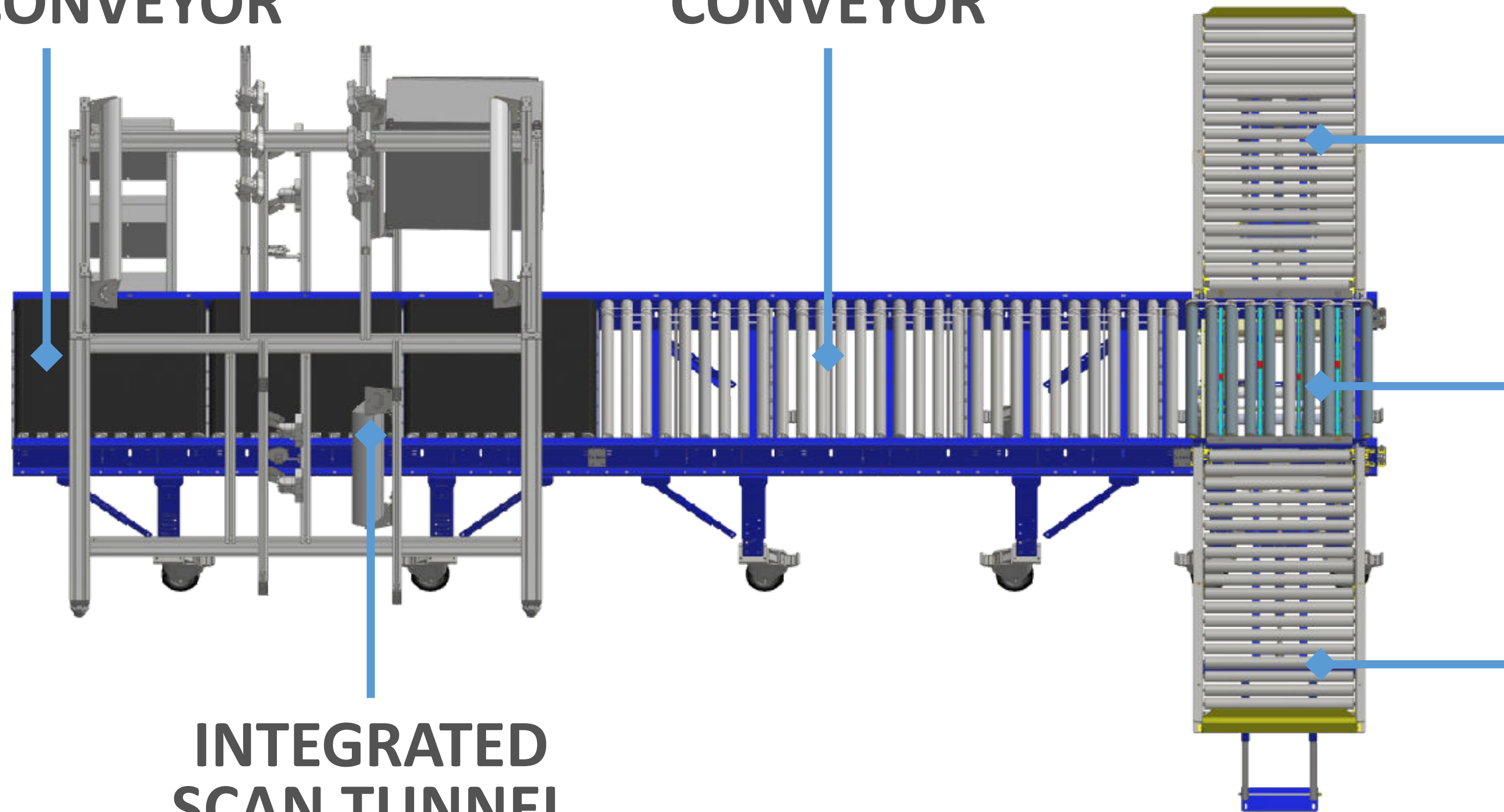
**MDR
CONVEYOR**

**SINGLE GRAVITY
DIVERT WING**

**POP-UP
DIVERT**

**SINGLE GRAVITY
DIVERT WING**

**INTEGRATED
SCAN TUNNEL**



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