

transnorm
your best move



A proven future-proof
smart solution
delivering increased
automation

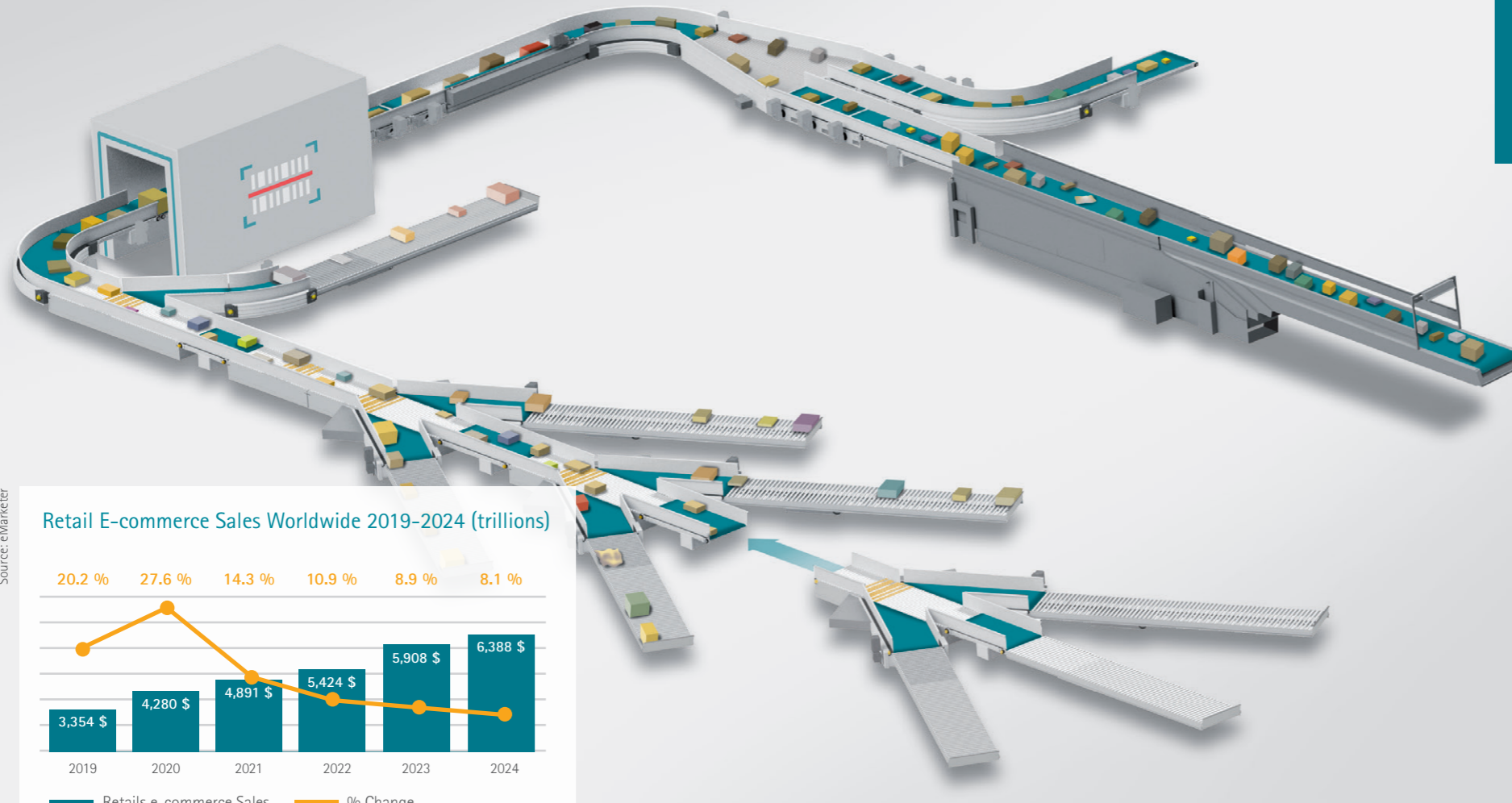
TSM
TRANSNORM
Sorting
Modules

TRANSNORM Sorting Modules (TSM)

MICRO-FULLFILLMENT CENTERS, SMALLER PARCEL (CEP) SITES & DCs REQUIRE AGILE, SCALABLE SOLUTIONS TO DELIVER COST-EFFECTIVE AUTOMATION WITHOUT THE NEED FOR A SORTER.

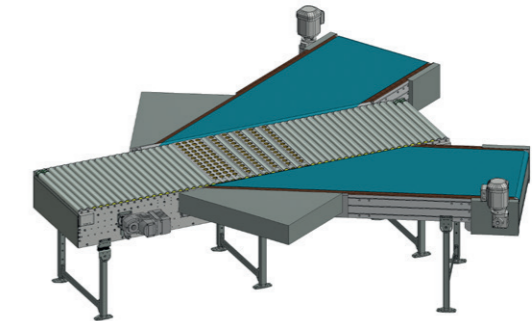
KEY FEATURES & BENEFITS

- Flexible, scalable sortation solutions
- Capable of sorting a broad parcel spectrum
- Throughput up to 6,000 pph
- Positive environmental footprint
- Easy to install, adapt, extend & replicate
- Standardized integrated modules
- Reliable & Robust TRANSNORM quality



How does it work?

With the use of a single TSM LineSplitter, throughput of up to 6,000 pph is attainable – providing a solution and degree of automation to a sort without the initial investment and space required to install a sorter.



When seeking multiple outfeeds whether they are chutes, loading telescopic boom conveyors or gravity run offs; multiple TSM Linesplitters, featuring no complex control input will offer a functional application. Effective in facilitating a single divert solution to a line it provides gentle product handling.

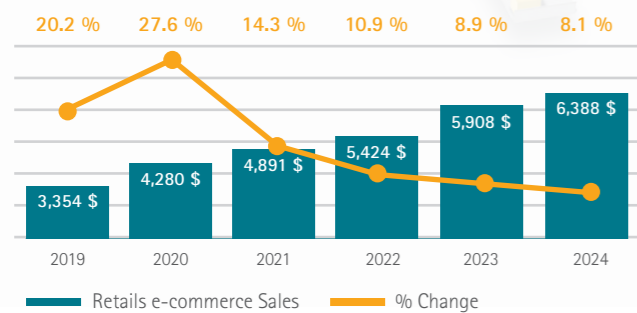
Lastly, several Linesplitters can be incorporated into a layout with collective controls implemented to form a modular application subsystem to intelligently deliver on a higher defined throughput requirement – anticipated to be its most intelligent usage.

The Outcome

TRANSNORM Sorting Modules (TSM) is an easy to install, high performance solution with layouts easily adapted, extended and replicated. Proving popular amongst CEP sites, Micro-Fulfillment and Distribution Centers – the synergy of standardized modules forms a flexible, scalable sortation solution designed to overcome the 21st century challenges faced by smaller sites.

TRANSNORM's Parcel specific product portfolio, when used together within a TSM layout heightens efficiency and maximises space optimisation. This whilst handling the increased throughput demand, ease of installation and short delivery time.

Retail E-commerce Sales Worldwide 2019-2024 (trillions)



Why is automation necessary?

Despite a challenging global climate for retail in 2020, estimated worldwide ecommerce sales posted over 25 % growth, with sales exceeding \$4 trillion – highlighting consumers trends and transition to ecommerce.

Brick and mortar retail sales declined yet even recessionary conditions experienced around the world, ecommerce continued to boom. Outperforming pre-pandemic expectations in 2020, the exponential growth trend is expected to be demonstrated further as sales approach \$5 trillion in 2021.

With 18.0 % of all retail sales occurring via ecommerce channels, efficient operation at fulfillment sites is imperative. This figure is expected to reach 21.8 % in 2024 and so a drive towards increased automation is magnified.

Our Solution

A modular portfolio, easy to install, adapt, extend & replicate – TRANSNORM Sorting Modules (TSM) will provide CEP sites and Distribution Centers with flexible, scalable sortation solutions.

Underpinning TSM and the key of any layout is the Smart-Sort® LineSplitter. Reliable and robust, it is capable of quickly and accurately handling even the smallest dispatch bags or cardboard boxes, operating at extremely low switching times allowing parcels to be diverted with considerably reduced distances separating them. Often times there is either a shortage of space or cost to install and operate a sorter on site, yet there is still a necessity to sort a high throughput volume – this is the gap in the market where the TSM excels, including the loading and unloading functions.

TSM Practical Application

- Handles specific functions common at Micro-Fulfillment Centers and CEP sites – unloading, linesplitting, merging, alignment, timing & loading
- Modular design to provide a solution, subsystem or wider layout catering to parcel throughput & available space In-built flexibility ideal for changing a floorplan during peak season or a busy shift

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