



Sortation Systems



NEPTEK supply a wide range of Sortation Solutions for the sorting of totes, boxes and parcels in warehouses, distribution centres or parcel handling facilities.

Totes, boxes and/or parcels are introduced onto the conveyor system that inducts into the sortation line. The totes, boxes and/or parcels are scanned in-line and tracked to their destination spurs, where they are automatically sorted down a chute to be consolidated or loaded directly into the truck.

Solutions

NEPTEK supply and integrate the following range of sortation systems and associated equipment:

Sortation Systems

- Belt Transfer (up to 1500 items per hour)
- Switch Wheel Sorter (up to 4200 items per hour)
- Vertical Cross Belt Sorter (up to 7500 items per hour)
- Activation Roller Belt (up to 10000 items per hour)
- Sliding Shoe Sorter (up to 10000 items per hour)
- Horizontal Cross Belt Sorter (up to 15000 items per hour)
- Multi-belt Sorter (up to 20000 items per hour) (Multi-level options available to increase capacity to 80000 items per hour)
- Autonomous Mobile Robots (AMR) (scalable in sorting capacity by adding more robots and destination chutes)



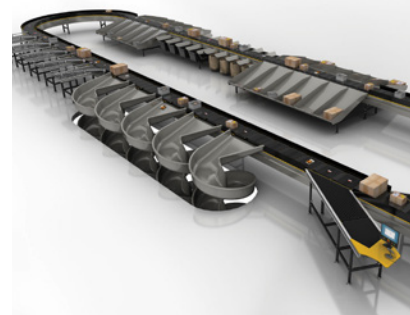
Belt Transfer



Switch Wheel Sorter



Vertical Cross Belt Sorter



Horizontal Cross Belt Sorter

Associated Equipment

- Truck Unloading/Loading Conveyors
- Powered Belt and Roller Conveyors
- Spiral Lift Conveyors
- Powered Belt and Roller Curves
- High Speed Belt and Roller Merges
- In-Line Scanning, Weighing and Dimensioning (SWAD)
- Spiral Chutes
- Gravity Roller and Slide Chutes



Truck Unloading /
Loading Conveyors



Powered Belt & Roller
Conveyors



Spiral Lift Conveyors



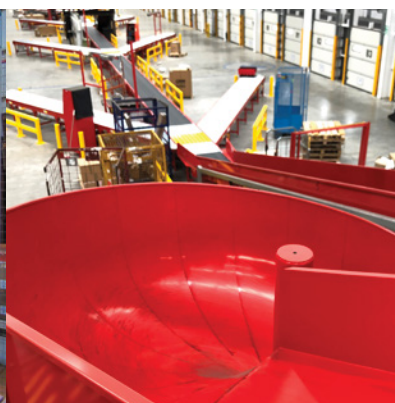
Powered Belt & Roller
Curves



High Speed Belt &
Roller Merges



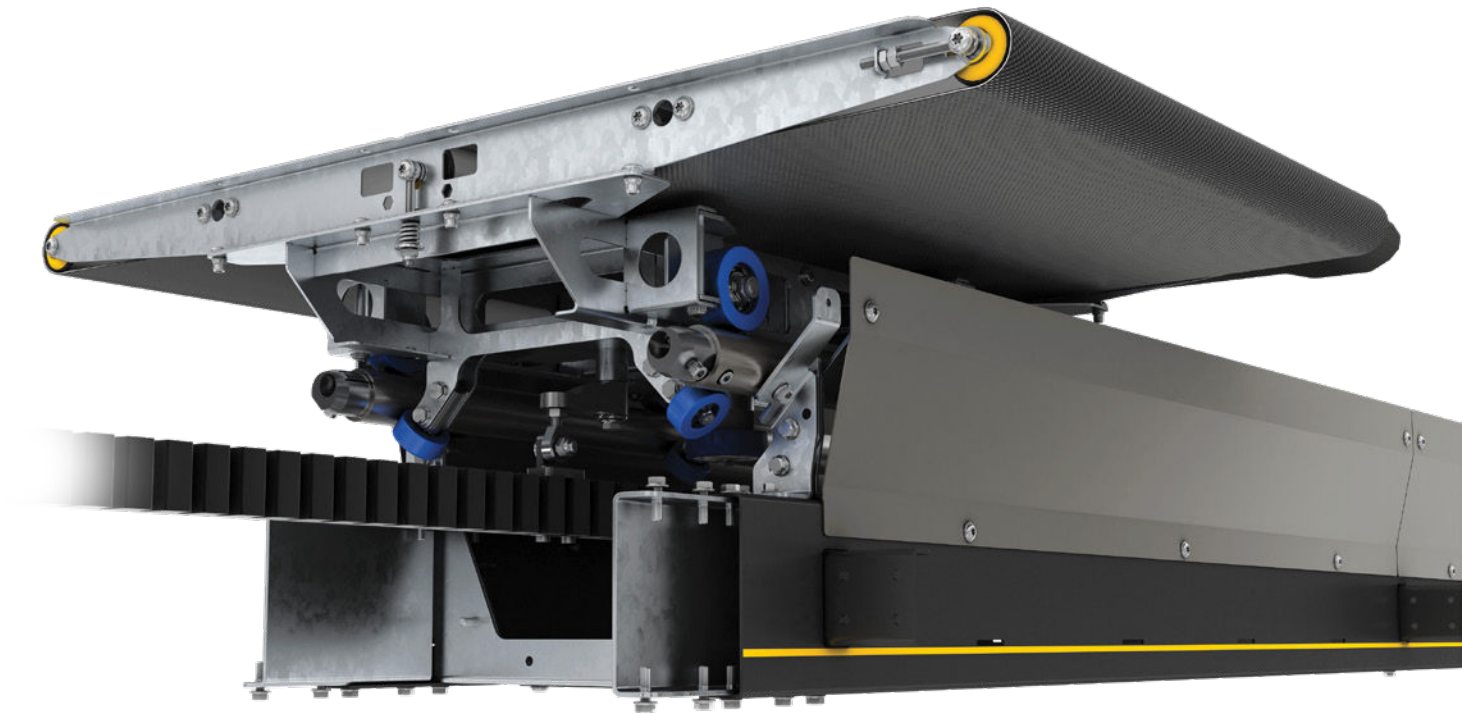
In-line Scanning,
Weighing &
Dimensioning



Spiral Chutes



Gravity Roller & Slide
Chutes



Features & Benefits

- Developed proven technology.
- Global standardisation.
- International recognised components.
- International safety standards.
- Accurate.
- Energy efficient.
- Low maintenance.
- Durable and reliable.
- Quiet.