

Handling & Storage Solutions

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Solutions for materials handling, logistics & distribution



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Nerak launches spiral conveyor range

A leader in vertical elevation solutions, Nerak Wiese, is launching a range of spiral conveyors.

Capable of handling a variety of unit loads, spiral conveyors are suitable where continuous vertical elevation process is required, in applications such as internet fulfilment, end-of-line operations, general warehousing and food processing.

"We're very excited about our new spiral conveyor range," said sales director Simon Musgrave. "As it means we are now a 'one-stop-shop' for vertical elevation needs. We had some very promising discussions about these new solutions with both existing and potential clients at the IMHX show recently and there is obviously demand for these high-quality products in combination with our established conveying expertise."

Modular design enables the spiral elevators to be configured to suit the customer's specific conveying needs. "This is particularly useful," explains Simon. "Where the product needs to be turned through 90 degrees during elevation, avoiding the need for expensive cross transfer conveyors."

Available in both 400mm and 600mm belt widths, the spiral elevators offer a capacity of up to 3,000 units per hour. "We have considerable design expertise in-house," says Simon. "So we can tailor our standard solutions in order to solve diverse material handling problems."

Nerak Wiese adds the new spiral conveyors offer quiet operation, low maintenance requirements and a long life.

As well as its handling solutions for unit loads – including a variety of pallet lifts; continuous platform elevators; multi-floor mezzanine solutions; paternosters; and single- and multi-carriage reciprocating hoists – Nerak Wiese also supplies continuous and pendulum bucket elevators for the smooth conveying of bulk solids. The Brecon-based firm serves a diverse range of industry sectors, with clients including end-users such as John Lewis, Amazon and XPO Logistics, as well as many system integrators such as Dematic, Vanderlande and Swisslog. Food-grade versions are available for food manufacturing environments.

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e-fulfilment drives major DC fit-out

Clipper Logistics has kitted out its new 300,000 sq ft distribution centre in Northampton after being awarded an e-fulfilment contract with a major international retailer.

The storage and materials handling project was awarded to **BS Handling Systems** who installed pallet racking, a hanging garment solution (GOH system) for 750,000 units, 5 packing spur belt conveyors and 125 packing benches into the new facility.

Tim Owrid, development director for Clipper Logistics says: "We have a stockholding here of two million items, which rises up to four million at peak so on a busy day we are processing up to 100,000 items."

At present the distribution centre operates at ground level – a large mezzanine is planned for the second phase of the fit out. Bulk storage is held in pallet racking which has been erected along one side of the DC. This racking acts as a marshalling area between palletised goods arriving, being broken down and placed into stock.

The GOH system, designed and



installed by **BS Handling Systems** to store 750,000 garments, dominates the floor area. The garment racking is arranged into blocks, with each storage block containing five runs of nine bays and each bay having two storage rails per side. This gives a total hanging capacity of 9,450 garments for each block.

To process and pack the orders **BS Handling Systems** has designed and

installed a conveying solution to provide the efficient handling of up to 100,000 items per day. Once the orders have been picked out of storage they are processed at one of the 100 packing stations which are positioned beside the packing spur conveyors.

There are 5 conveyors, each equipped with 10 benches on either side. Once each order has been

completed it is placed onto the belt conveyor running alongside the operative. Orders then accumulate at the end of each conveyor where they are put into the correct cage for onward despatch.

A further 25 packing benches have also been supplied by **BS Handling**; these are used by the goods-in operational team.

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