

Smarter technology with X-Guard

Pallets are transported on powered rollers and accumulate automatically without touching, ensuring loads are not damaged and no shunting can occur. Being powered, the system is safer than a gravity system and generally requires less space. The accumulation technology is mechanical with simple, reliable controls.

A recent installation took advantages of these features to transform the transportation of output from the production area to a separate warehouse building. Because of the layout of the site this had previously required a semitrailer and a fleet of fork lift trucks.

Pallets are now carried from production up an elevator, across a bridge and back down to the warehouse fully automatically until they reach their takeoff points.

A shuttle car links three spurs in production to the start of the new conveyor system, where each pallet is labelled with a unique bar-code denoting its storage destination. Barcode readers at various decision points on the system direct the pallets to one of five areas in the warehouse, where they are taken off by fork trucks and put away in racking. Extensive use of zero line pressure accumulation allows over 250 pallets to be held on the conveyors, excluding turntables and powered roller modules.

Matt Pedley, Gebhardt:

"I have used Axelent in most of my previous areas, from Schaefer, Stow, Dematic, TGW and SDI and now at Gebhardt. I have been on both the design, costing and installation of axelent products and I have found Axelent to be the most helpful with design, supply and delivery compared to the competition in the market place. While it may be true that Axelent are not the cheapest, what I spend on the initial outlay I save on installation. The product is user friendly and with the newer quick release machine guarding, very easy for maintenance. Areas have been well thought through, with feet covers, quick connecting hinges, and down to secondary brackets for door sensors etc. all of which can be supplied through Axelent.

The return of information from sales, including drawings in any format I want (DWG) are quick and accurate. Design team are helpful and offer suggestions as to what can make the installation easier and cost effective. Delivery's tend to be fairly quick and I receive notification in advance, so that I can arrange site acceptance for delivery's etc.

On a whole where ever I can I try to use Axelent as a preferred supplier."



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