FACT SHEET
Hilton meats Zaandam

Hilton Food Group is a leading specialist meat packing company supplying major international retailers. In 2011 the company took a fully automated warehouse into operation in Zaandam, the Netherlands. This order fulfilment system is based on the Automated Tote Picking Concept. It includes a six aisle miniload automated storage and retrieval system (AS/RS), which enables fully automated order picking of totes with packed meat. The new facility ensures a more efficient order picking process, better use of available space @ lower operational costs.

Hilton Meats is a leading specialist in the meat-packing business with facilities in the UK, Ireland, the Netherlands, Sweden and Poland. Hilton Meats Zaandam processes and packs meat for the largest supermarket chain in the Netherlands. Vanderlande was selected as partner because

the company proposed a very compact solution and had strong IT capabilities, as well a strong track record in meat logistics. In this warehouse stacks of single SKU totes from production are stored in a six aisle miniload AS/RS with a storage capacity of 200,000 totes.

Order information on tote level is transferred from the Hilton's ERP system (SAP) to Vanderlande's VISION Warehouse Management System (WMS. Stacks are retrieved from the AS/RS and routed through two stackers to the dolly loading area. Here the totes are automatically loaded in the right sequence on dollies with an output of 300 dollies per hour. The system includes an intelligent module, which provides insight into all warehouse processes and enables logistic process optimization.

MOVING YOUR BUSINESS FORWARD

Facts & figures

System

› 220 SKU's
› Delivery to 5 DC's
› 750 customers/ day
› 1.500 Ton / week (max. 2.000Ton/week)
› Installation runs 24/ 6
› CBL crates type 7, 8 and 11

Controls
› VISION.WMS (SAP integration)
› VISION.BPI
› VISION.SCADA

Process

Receiving
› 3 in feeds from production with de-stackers

Storage
› 6 x miniloads type 3.2
› 18.567 stack locations, double deep (200.000 crated)
› 1.250 Dual cycle/hour (10.000 crates / hour)

Shipping
› 2 Stackers before the dolly loaders
› 1 exception handling station

Additional information

› Crane capacity and concept prepared for store order deliveries
› Challenging project phasing because op running operations.
› High availability within 4 weeks of operation.

› Dense storage of 200.000 Crates
› Suitable for 2.000 T/ week meat production
› High availability and reliability by VISION.WMS
› Optimising and analysing tools with VISION.BPI and VISION.SCADA
› Compact solution and clear layout
› One dedicated service partner after hand over
› Onsite support during ramp-up

System is prepared for store order delivery, by robotic final sortation

› Vanderlande - Fact sheet: Hilton meats Zaandam
This information is subject to change without notice and should not be construed as a commitment on the part of Vanderlande.