

ANCRA FACTSHEET

Completed:	2008
Location:	Ieper, Langemark, Westrozebeke, Belgium
Industry:	FMCG
End user:	Ysco, Penguin
Logistic Service Provider:	Partner Logistics Europe
Type of system:	Chain Conveyor System
Dock systems:	6
Trailer systems:	0
Products transported:	Ice-cream, frozen vegetables



In August 2008 Partner Logistics Europe (PLE) set in operation a new fully automated deep freeze cold store (65.000 pallet places) in Ypres in collaboration with ice-cream manufacturer Ysco and frozen vegetable producer Penguin.

Penguin, stock listed in Euronext Brussels, has a total of eight production sites across Europe and supplies the retail and food industry. Ysco supplies the largest European retailers with private label ice-cream products and is part of the Belgian dairy group Micobel.



Both production sites are equipped with two converging Ancra chain conveyor systems to enable traffic to shuttle to and from the cold store. The stationary systems are integrated and connected to the production line, receiving the pallets automatically. 90° Transfer units enable index loading of the stationary systems. Prior to loading, the complete truckload is verified by an outline checking device to prevent cargo and truck damage. Isolation between the loading bay and the trailer has been maximized using inflatable shelters and an automatic bridge between the building and the trailer. In Ypres two Ancra chain conveyor systems are installed for unloading the trailers.

Outdoor traffic lights indicate which dock is available for unloading. A special enclosure enables the truck driver to control the unloading process, without being exposed to the extreme low temperatures. The divergent assembly of the conveyors allows the fluent automatic intake into the warehouse. Ancra Systems have made use of special components for optimal performances in those deep-freeze environments. The proven reliability of the deep-freeze solution supplied, is an illustration of the special expertise that Ancra Systems has developed in refrigeration logistics.