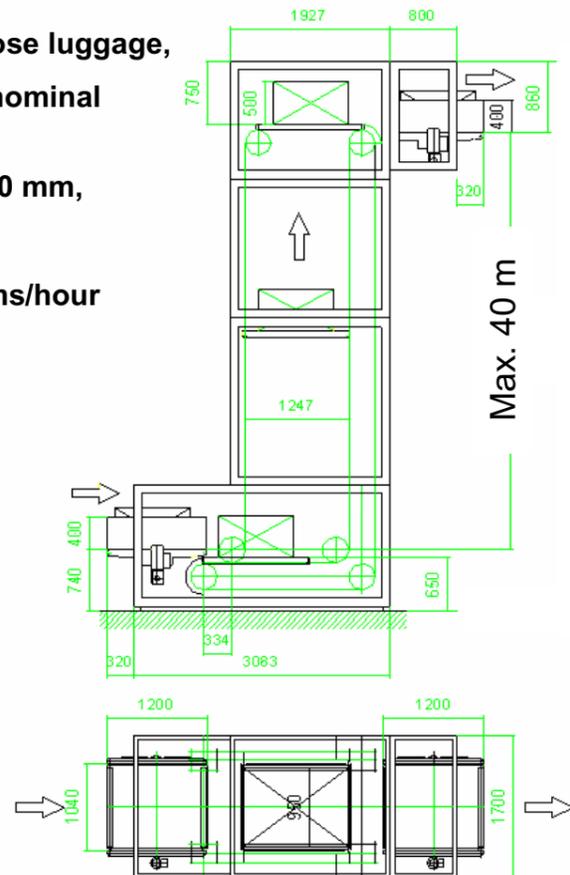


AIRPORT SYSTEMS

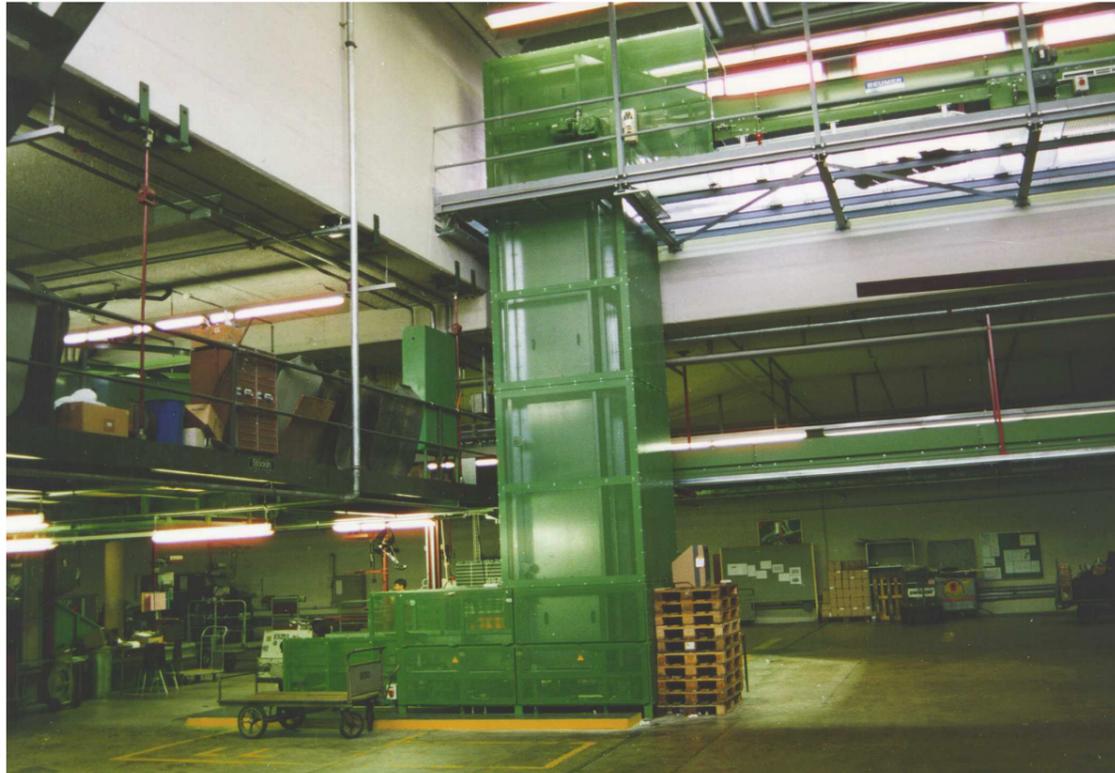
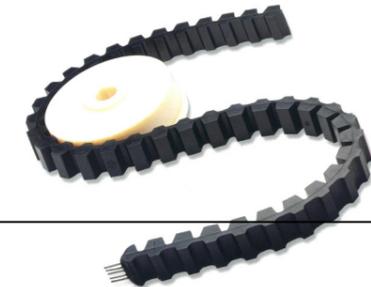
DIMENSIONS

Sample for loose luggage,
International nominal
dimensions:
900 x 700 x 500 mm,
Weight: 50 kg
Max. 1200 Items/hour



Luggage S-Conveyors can be used in the reception area because of the silent operation



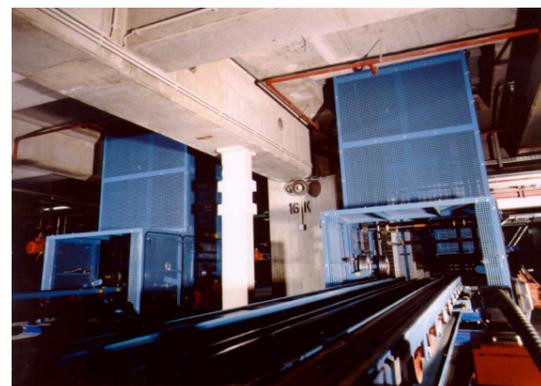


ELEVATING LUGGAGE IS OUR JOB

For many years NERAK S-shaped conveyors have been the classic choice when it comes to conveying a large quantity of goods between two levels. They are characterised by reliable operation 24 hours a day, combined with a very low maintenance levels and very gentle handling of the conveyed goods.

NERAK conveyors have many applications e.g. in postal sorting offices, distribution ware-houses, automotive factories and**airports**.

Based on our long experience NERAK have not only developed S-shaped conveyors for luggage in totes but also for loose luggage.



NERAK S-Conveyors for luggage in totes at Frankfurt Airport

Luggage in Totes

The conveyors for luggage in totes are quiet similar to the NERAK standard conveyors, an indexing horizontal belt feeds the elevator with the totes. Polyester rods form the platform of the S-conveyor which then transfers the tote after elevating to the discharge conveyor.

At the heart of every NERAK conveyor drive system is the heavy-duty rubber block chain.

The outstanding features of this chain are that it is silent running, wear-resistant and maintenance free, all excellent qualities further enhanced by its corrosion-free design.

Moreover, in operation the rubber block chain is extremely cost-effective as there is no need for lubrication, regular adjustment or re-tensioning. The rubber chain is available in several compounds to suit all applications. High tensile strength is derived from steel cables vulcanised within the belt.

Loose Luggage



Feed station with internal guides and flat panel platform

When conveying loose luggage careful consideration needs to be given not only the overall dimensions of the luggage but also edges, loose straps and bands.

To ensure that no luggage becomes trapped, internal sheet steel guides are used throughout the elevator and luggage cascades on and off the platforms which are constructed from closed flat stainless steel plates.

Doors allow access through to the inner casing.

Because NERAK S-conveyors are extremely quiet in operation they can be used directly behind the check-in counter at the reception area.