

CASE STUDY



CALJAN BELTRACK, TYPE ML – DOMO ELEKTRO, BELGIUM



»THE WORK IS NOW LESS STRENUOUS AND MORE ERGONOMIC«

Arduous work conditions

A number of the household appliances that Domo Elektro through their shops arrive from the manufacturers in sea containers. Unloading the goods manually is not only time consuming, but also physically very hard work.

Domo Elektro wanted to speed this process up, whilst providing ergonomic working conditions for the employees involved in emptying containers. However, their facilities in Grobbendonk, Belgium were not equipped with a traditional loading bay or dock area.

Unloading containers through a standard door

Domo Elektro began investigating the possibilities that were available, but found surprisingly few suppliers of mobile conveyors, designed for use in premises without a loading bay. As the goods are transported in various vehicles, it is also important that the height of the conveyor can be adjusted so that it can enter the vehicles.

An hydraulic piston adjusts the height of the elevated belt and a screwjack adjusts the angle of the tail belt, making Caljan Rite-Hite's BeltTrack type ML extremely flexible. This mobile loader was not only versatile, it could be extended with various flex conveyors making it the ideal solution, not only from a practical viewpoint, but from an economic viewpoint as well.

Realistic test prior to placing the order

Ms. Clara Claes from Domo Elektro contacted Caljan Rite-Hite and asked to see the conveyor in use. A visit was arranged to a company that use the mobile loader for similar purposes. During the demonstration Ms. Claes could ask about performance etc. – which was 100% satisfactory. The installation was then tested, using boxes from Domo Elektro containing various household appliances. In particular, Ms. Claes wanted to test that the large items, such as micro-ovens, wouldn't fall off the conveyor. The test gave very good results. An order was subsequently placed. Ms. Claes is very happy with the decision »This solution is ideal for both our premises and the relatively small number of containers that we handle.«



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Ms. Carla Claes, Office & Financial Manager

»We are really happy with our mobile loader. We can unload containers quickly and effectively. The conveyor helps us to achieve a very smooth work-flow.

The work-flow is much improved, as are the working conditions for those involved. The hydraulic piston allows the height of the elevated belt to be adjusted to suit the height of the container, which means that the operator is able to work ergonomically and that the work is less strenuous. We actually need only two people to unload a container. Previously three were involved, so we have optimised capacity too.

When not in use the mobile loader is simply moved away from the door, so that the door can be used by other traffic, such as fork-lift trucks.«

Domo Elektro, Belgium

Domo is the brand name used by Linea 2000 to promote its wide range of household appliances in Belgium and other parts of Europe.

The extensive product programme includes bread-making machines, electric blankets, heaters, coolers, micro-wave ovens and other electric appliances for the home.

Domo Elektro is very conscious of the need to provide their customers with quality products at affordable prices.



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