

## The Structuplas & Opel case



*Structuplas - Riesselberg at Izegem (Belgium) is a manufacturer of plastic parts for the electronic and automobile industries. Engels Logistiek B.V. and Structuplas have been conducting business together for several years. This time Structuplas had to deal with a situation where the packaging of the automobile parts required much time and handling. The conversion of an internal packaging line was needed so the various components could be inserted as ergonomically as possible.*

### A time-consuming situation

At the time of the analysis, Structuplas was using adapted high-volume bins in which the injection moulded parts were placed. In the process, each product was pushed into a plastic bag and placed in the bin.

As a divider, a cardboard covered with PE foam was inserted. This took much time and caused annoyance on the work floor.



### Ergonomics on the packaging line

First, Engels suggested an improvement in the high-volume bins.

The bin should be provided with transversely mounted rigid casters and swivel casters. The rigid casters are strengthened by placing a metal pipe between them. In this way the bin can carry 400 kg and still be easy to move from place to place.

The second improvement was made for the interior. The parts to be transported are extremely fragile and can be easily scratched. After a thorough analysis, the decision was made to use a ConTeyor Fit system.

### Solution through co-operation

ConTeyor is a leading supplier of packaging based on textile and is very active in the automotive sector. Engels and ConTeyor have worked together to design an interior made of multilayer, polyester textile making use of large suspension files with a flexible, transparent dust cover.

The parts can be protected and easily inserted and transported.

Engels feels right at home in the development of reusable packaging. Whether it relates to bins, pallets, containers or interiors, Engels Logistiek B.V. is the right place to go with your logistics problem.

case study

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