

The flexible Kongskilde conveying solutions makes it easily to upgrade and improve your business

The challenge

- The factory in the Netherlands have more than 40 years of experience in injection moulding of plastic products
- The capacity on the conveying solution to transportate the plastic granulates to the silo was too low and affected their business. More capacity was needed
- The company had two opportunities. They could build a new conveying line or get the old one upgraded to meet their requirements for a long term sustainable solution

The solution

- The use of flexible standard elements with built in modularity and well documented technology gives several advantages in terms of upgrading the conveying solutions without building new and costly lines
- By adding a new TRL55 blower with RF20 rotary valve the capacity was increased from 1,5 ton/hrs. to 6,5 ton/hrs. of granulate material using the current silo's and existing piping system for a cost effective solution

Facts

- TRL55 blower with RF20 rotary valve
- OK160 pipelines – before and with the new solution
- A RF 20D with standard hopper and hopper extension
- The silencer on the inlet of the blower reduces noise

The Advantages

- The flexibility of the Kongskilde conveying solutions makes it scalable and able to grow with any business
- The modularity proves to be a cost effective way to upgrade the system by only replacing e.g. the blower and reusing the OK160 pipes. The new generation of blowers consumes less power due to the frequency converter
- The elements can be set up in a few hours and the pipes mounted in the ceiling liberates floor space for other use

