

CASE STUDY **6**

Flexibility through Standardisation

INITIAL SITUATION

One of our clients works with many different packaging shapes and sizes. In a highly volatile sector that is dependent on the weather, the quantities of individual packaging options required vary greatly.

INDUSTRY

Deli manufacturers

STRATEGY/REASON

Decreased investment –
increased flexibility



TASK SETTING

The aim was to achieve the highest-possible flexibility with the lowest possible investment.

REALISATION

The product portfolio was analysed and divided into several size classes. The relevant quantities were calculated for these and the required number of cavities (utilisation) determined.

Based on this analysis, optimal machine and tool sizes were determined. Relatively large machines with high output quantities were designed for cost-efficient production. The range of packaging options was mapped on the machines by means of changeable modules for tools and automation.

RESULT

All required options can be produced alternately on a relatively small number of standardised plants and tools.

CUSTOMER BENEFIT

Due to the size of the plants it has become possible to manufacture the products cost-efficiently. Standardisation of both tools and plant utilisation can be handled very flexibly allowing easy adaptation to greatly varying customer demand figures. This also creates a certain level of reliability, since production can be moved to another machine in the event of unforeseen problems. The utilisation of modules has contributed considerably towards a reduction of investment in tools and automation.

RESULT

Improvements in

 **efficiency**

 **flexibility**