

## Added Value

Imagine ...

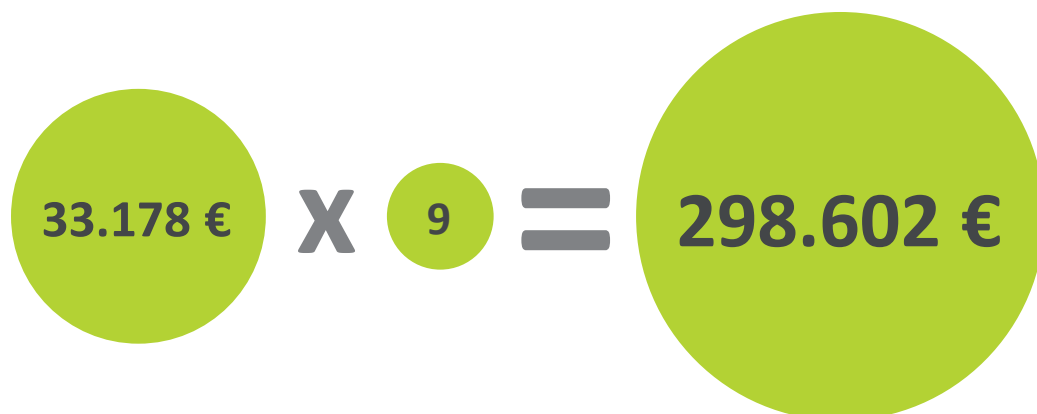
... a company in the plastic industry producing with **1** injection moulding machine a daily output value of **33.178** €. A metal separator costs around **1/10** of that.

Bi-Weekly, the producer must foresee one full day of production stop for maintenance, on a yearly base this means **25** days without production.

Sesotec installed metal separators directly on the material infeed of all injection moulding machines.

In this way we were able to reduce the maintenance from **25** days to **16** per year, the producer increased his production by **9** days.

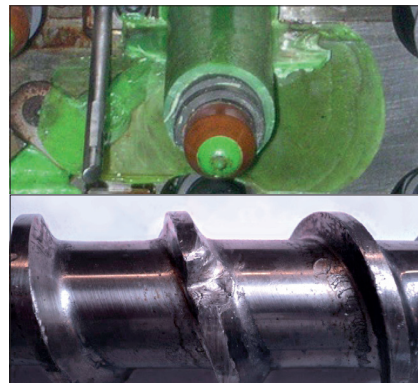
As such in **9** days he was able to produce an additional output of **298.602** €.

A diagram illustrating a multiplication calculation. It consists of three green circles of varying sizes. The first circle on the left contains the text "33.178 €". To its right is a large, bold, black "X" symbol. The second circle is smaller and contains the number "9". To its right is a large, bold, black "=" symbol. The final circle is the largest and contains the text "298.602 €".
$$33.178 \text{ €} \times 9 = 298.602 \text{ €}$$

# Sesotec Metal Separators

## Separation of metal parts in the plastic industry

Sesotec metal separators detect and separate magnetic and non – magnetic metal contaminations, even when they are enclosed inside the product.



### Problem

Material enclosures

- in Granulates
- in Material flow

### Consequences

- Blocking injection needles and heating channels
- Screw damage

### Impacts

- Defective end - consumer products
- Reduced production efficiency
- Machine damages and increased maintenance costs

## Solution

Metal contaminants in the material flow influence the efficiency of your production machinery and result in unplanned and additional maintenance, with an increased maintenance costs as result. Sesotec metal separators reduce the amount of maintenance days and contribute in this way in cost reduction in your company. We therefore make our contribution to your tool and machine protection, thereby ensuring reliable quality assurance.

We rely on industry 4.0 concepts (e.g., OPC UA) to make metal separators plug & play.

### Sesotec - an overview

The Sesotec group is one of the leading manufacturers of machines and systems for contaminant detection and material sorting. Product sales primarily focus on the food, plastics, and recycling industries. Sesotec's global presence includes subsidiaries in Great Britain, Singapore, China, USA, France, Italy, India, Canada, Thailand and more than 60 partners all over the world.