

Almost  
**AI:SEC**

INNOVATION

**DynaShape®**  
technology

SHAPING EFFICIENCY IN PRODUCTION WASTE RECYCLING.  
POWERED BY A TOUCH OF AI.

# DynaShape® your recycling!

Increase your productivity  
with intelligent automation

## **More flexibility, easier operation, higher productivity**

Innovative DynaShape® technology from PURE LOOP reacts autonomously and dynamically to changes in the feed material. Different shapes of material and varying bulk densities of a polymer are automatically processed in the optimum way. Maximum efficiency, minimum operator intervention.

## **Dynamic interaction: Double feed ram, rotor, and intake slider**

The new technology focuses on the perfect interaction of the proven double feed ram that optimises the rate of material feed to match the rotor load, and the hydraulically adjustable intake slider that now optimises its setting completely automatically.

DynaShape® makes your ISEC evo recycling machine more powerful than ever before. It maintains a consistent process, even with different feed materials, and increases productivity by up to 10%.



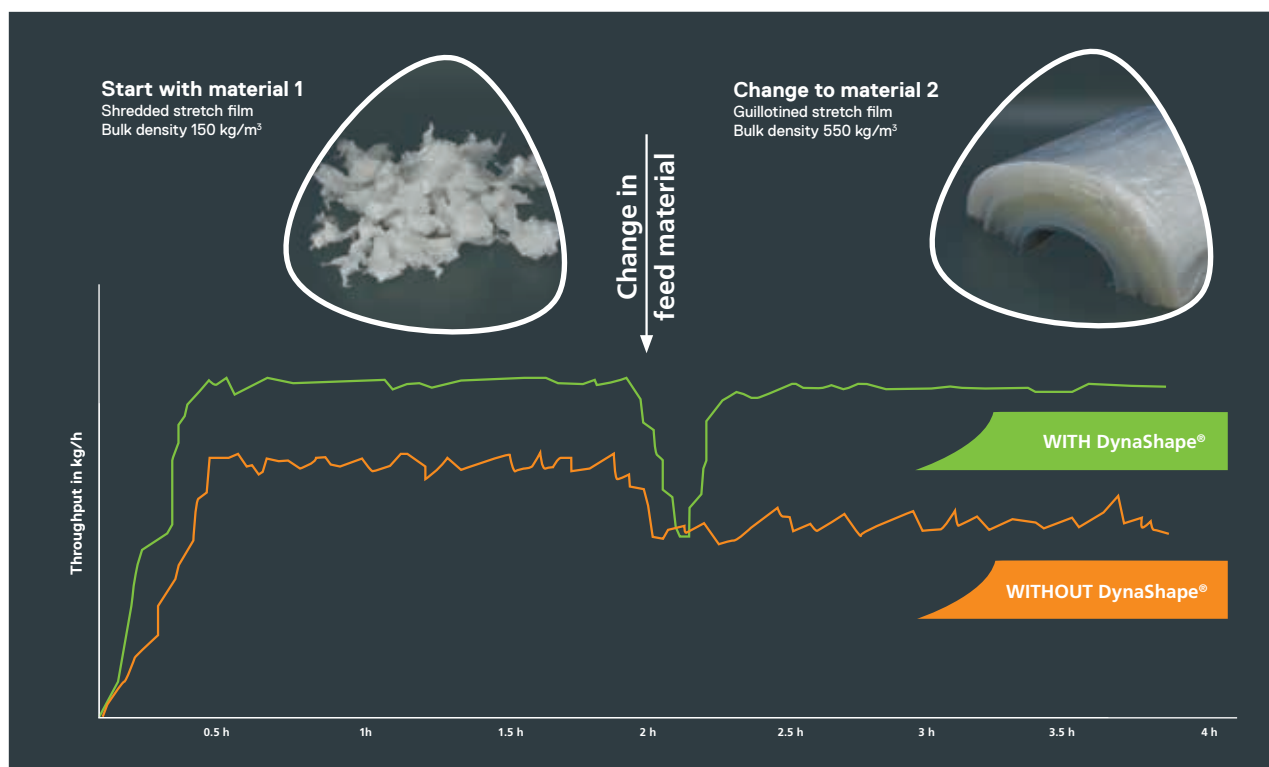
“DynaShape® regulates our recycling machine to get perfect results - it’s as precise as a professional with 10 years’ experience.”



**Florian Gruber**  
Head of Process Engineering at PURE LOOP

## Fluctuations in bulk density, no problem.

DynaShape® automatically maintains a consistent process, even with fluctuations in bulk density following a change in feed material. For the highest process stability and efficiency.



The new  
**DynaShape®**  
technology

PRODUCTION WASTE RECYCLING  
WITH A TOUCH OF  
ARTIFICIAL INTELLIGENCE



**More efficient,  
more productive:**  
The ISEC evo machine  
with innovative  
DynaShape® technology.

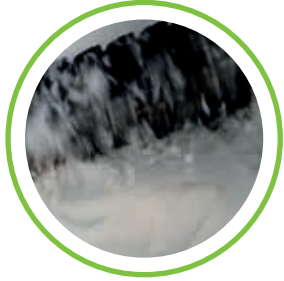




## DynaShape® Advantages

The new, innovative  
**DynaShape® technology**  
by PURE LOOP

- ♦ **Up to 10% more productivity –**  
because the machine automatically adapts  
to changes in feed material
- ♦ **More stable extrusion: consistent  
melt pressure, screw filling level,  
and melt temperature**  
Which means a more consistent process  
and the same high quality of melt.
- ♦ **Easier to use – high level of  
automation saves time and  
personnel costs:**  
Even less experienced operators achieve  
top results at a high throughput and  
quality thanks to high automation including  
automatic adjustment of the machine to  
the bulk density of each feed material.
- ♦ **More flexibility**  
when processing many different  
material types and shapes
- ♦ **Save optimum settings:**  
Settings that have already been optimised  
can be saved as a recipe. Next time the  
machine is started up it is immediately ready  
for operation - no need to optimise settings  
again. DynaShape® technology stays active  
and continues to react dynamically to any  
changes in the condition of the feed material.





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**DynaShape®** your recycling.