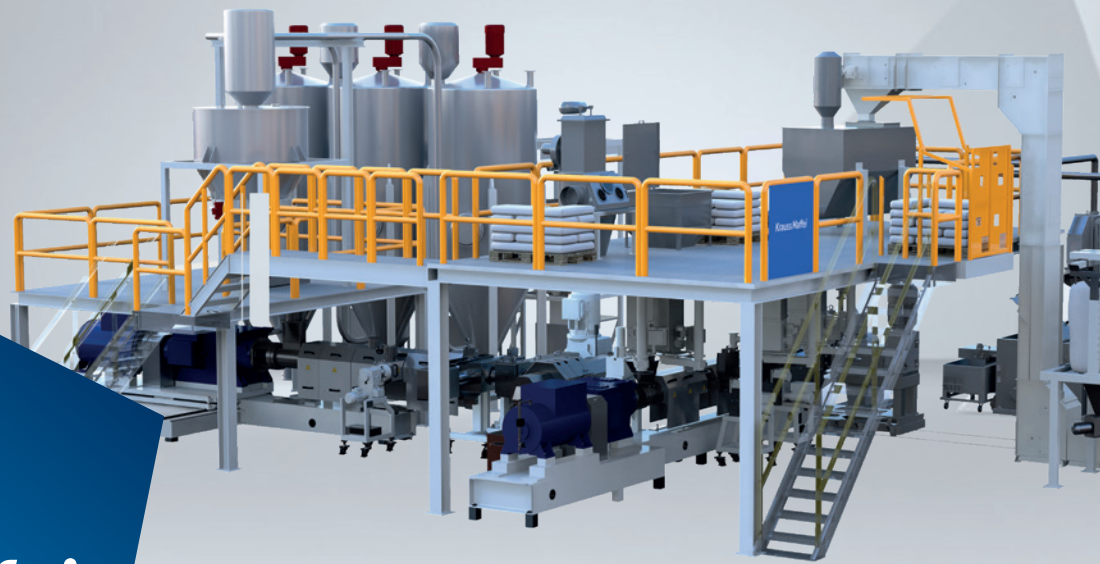


TAILOR-MADE EXTRUSION CONCEPTS FOR RECYCLING AND COMPOUNDING

DISCOVER OUR EDELWEISS-COMPOUNDING
SOLUTION



KraussMaffei
Pioneering Plastics

KRAUSSMAFFEI SOLUTIONS FOR RECYCLING AND COMPOUNDING

Example I: Recycling and compounding with twin-screw extruder

Task: Processing of PP recyclate
(washed and dried) with up to 30% talcum

Capacity: Up to 3.000 kg/h

Target: Production of compounds

Scope: Complete plant from silo to silo

Example II: EdelweissCompounding with twin-screw and twin-screw extruder

Task: Recycling of post-consumer waste (PP, PE, DSD)
and general compounding (filling, reinforcing, colouring,
adding of additives, etc.)

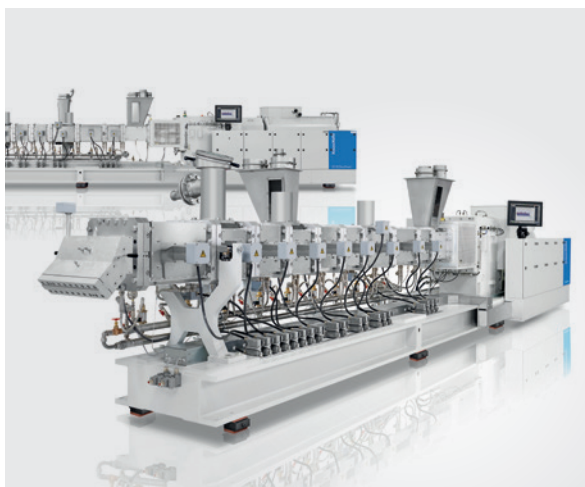
Recycling capacity: Up to 3.500 kg/h

Compounding capacity: Up to 6.000 kg/h

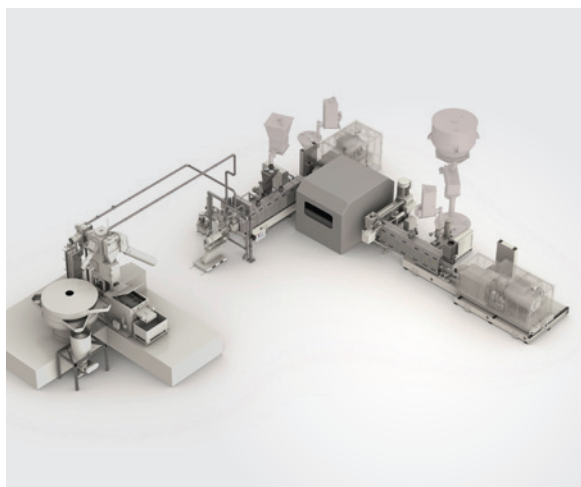
Target: Production of compounds 100% comparable
to virgin quality compounds

Scope:

- Preparation by customer
(washing, grinding, sorting, etc.)
- Material handling/feeding system for recycling extruder
- Cutter Compactor (optional)
- Twin-screw extruder for recycling
- Melt pump and filtration
- Twin-screw extruder for compounding
- LIW-Feeding system for compounding extruder
- Pelletizing system
- Finished product handling
- Control system for whole line



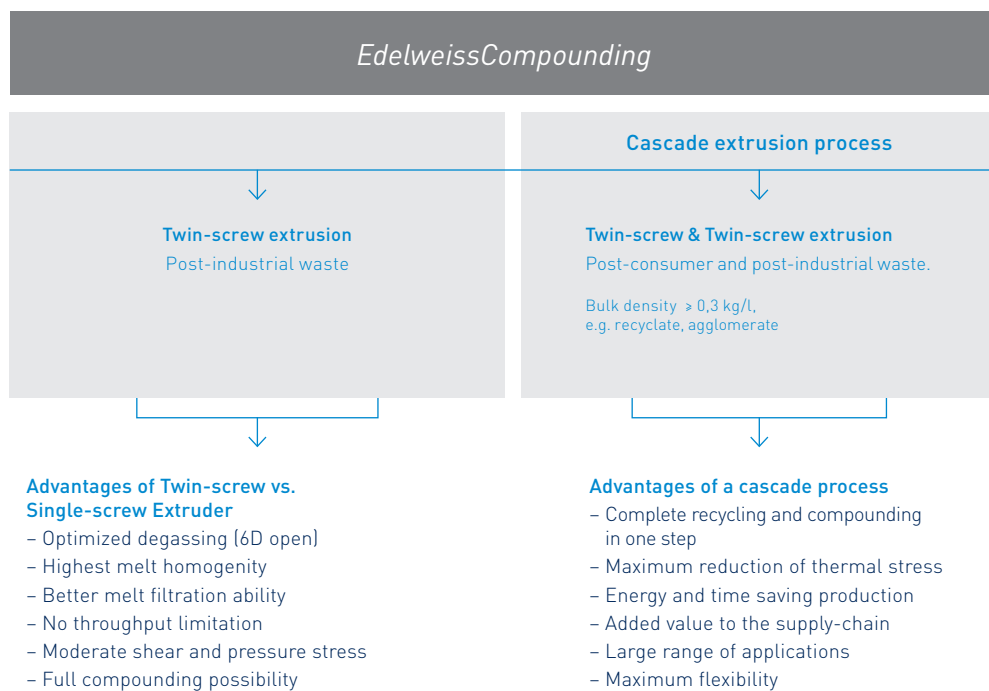
ZE BluePower twin-screw extruder series stands out for numerous innovative features in terms of energy efficiency and process engineering



EdelweissCompounding with twin-screw and twin-screw extruder



Concept overview EdelweissCompounding



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