

Reference lines all over the world:



Algeria	Columbia	Ireland	Paraguay	Taiwan
Argentina	Cote d'Ivoire	Israel	Peru	Tanzania
Australia	Czech Republic	Italy	Philippines	Thailand
Austria	Ecuador	Japan	Poland	Tunisia
Bangladesh	Egypt	Jordan	Portugal	Turkey
Belarus	Finland	Kazakhstan	Romania	Turkmenistan
Belgium	France	Kenya	Russia	UAE
Bolivia	Germany	Lithuania	Saudi Arabia	Uganda
Bosnia-Herzegovina	Great Britain	Malaysia	Singapore	Ukraine
Brazil	Greece	Mexico	Slovakia	USA
Bulgaria	Guatemala	Morocco	South Africa	Uzbekistan
Canada	Hungary	Mozambique	Spain	Yemen
Cameroon	India	Netherlands	Sri Lanka	Zimbabwe
Chile	Indonesia	Nigeria	Sweden	
China	Iran	Pakistan	Syria	

We reserve the right to technical modifications. DPR-21821-085

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recycling technology



STATE-OF-THE-ART RECYCLING TECHNOLOGY

innovation paired with user-friendliness,
 worldwide service, production scrap
 and post-consumer waste, wide range
 of applications





Starlinger recycling technology supplies state-of-the-art plastics recycling equipment. Starlinger recoSTAR lines turn waste such as film, PET flakes, fibre, nonwovens, woven bags and other into a valuable secondary resource. Their modular and flexible design results in a high ROI.



- extrusion and winding ■ weaving ■ coating ■ printing
- tubing ■ slitting ■ conversion ■ baling ■ recycling



recycling technology

Newest technology

paves the way for product innovation:



recoSTAR direct

recoSTAR direct for the processing of heavy, pre-ground materials from production and post-industrial scrap, such as PE, PP, PS, PLA, PA. No material preparation required; direct feeding into the extruder zone; easy to use; low energy consumption



recoSTAR dynamic

recoSTAR dynamic for the recycling of post-consumer waste and production scrap: film, fibres, thermoplastic in-house production scrap and washed post-consumer waste from materials such as PE, PP, PET, PES, PA, PLA, PS, PPS and foamed products; especially for pre-ground, hygroscopic and wet materials. Superior functionality with **SMART feeder** and **dynamic automation package** for more flexibility and higher output; increased energy efficiency



recoSTAR universal

recoSTAR universal for the processing of production and post-industrial scrap: film, fibres, nonwovens, filaments, tapes and fabrics as well as solid lumps without pre-cutting, from materials such as PE, PP, PS, PA, PES, PET, PPS and PLA. Extended functionality and innovative process adaption through **ACTIVE shredder** for wide material variations; operator and maintenance friendly; low energy consumption/kg



recoSTAR PET iv+

recoSTAR PET for the recycling of production and post-consumer scrap: preforms, bottle and sheet flakes of PET. Integrated consistent pre-drying, FIFO principle; energy efficient; high return on investment; regular pellets to be used in a variety of applications

recoSTAR SSP is the unique state-of-the-art solid state polycondensation system for PET pellets. Adjustable inline IV increase; continuous batch process; reduction of acetaldehyde; decontamination for direct food contact; end product with qualities and applicability of virgin material