

COST-EFFECTIVE REPROCESSING OF SCRAP RUBBER

COMPOUND-REWORK SYSTEM



Krauss Maffei
Pioneering Plastics

COMPOUND-REWORK SYSTEM HIGH COST EFFECTIVENESS AND UNPARALLELED SUSTAINABILITY

The CompoundRework System is designed for processing scrap material generated during extrusion processes in the rubber processing industry.

Most extrusion processes inevitably involve the production of a certain amount of recyclable scrap. In order to maximize added value, rubber processors strive to recycle this residual material by returning it to the production process.

Optimum recycling solution

The CRS processes large-volume compound residues as well as start-up scrap converting the material into sheets or strips with a thickness of 4-11 mm. This means that 100% of the residual material can be returned to the production process.

The CRS is equipped with two (optionally) heated rolls and a hydraulically adjusted roll gap. It can be fed with residual material of various sizes up to a width of one meter. The generously dimensioned feed opening with automatic intake gap is equipped with all required safety features to exclude any risk of personal injury.

Compact plug-and-play solution

Easy access substantially facilitates maintenance and cleaning operations. The stand-alone control system of the complete line enables one-man operation, which gives



Compact plug-and-play solution



Optimum recycling solution for large-volume scrap rubber

easy machine handling and enhanced operational safety. In addition, the sturdy design and energy-efficient drive technology ensure cost-effective and high-performance system operation on a sustained basis.

As the CRS comes with the complete electrical equipment and control system, it is ready for start-up immediately upon installation. With a total weight of about nine metric tons, a volume of just under 4 m³ and 4.5 m² footprint, the complete unit can be easily transported to any place of installation using industrial trucks.

Drive power	< 9 kW
Footprint	< 4,5 m ²
Weight	~ 9 to
Roll length / diameter	1000 mm (ø 400 mm)
Speed	3,9 m/min. ~ 3,1 rpm
Roll gap	4 - 11 mm

YOUR BENEFITS:

- High energy efficiency
- Compliance with international safety requirements
- Plug- and-play solution
- Investment with rapid payback