

# TRP REWORKER

FOR REWORK PROCESSING BASED ON THE TRP TECHNOLOGY

Innovative process for particularly gentle and continuous processing of rubber compounds.

The TRP technology is based on an open roll system with different zones along the length of the roll.

An alternative solution to existing process techniques.



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# TRP TECHNOLOGY

INNOVATION

DEVELOPMENT

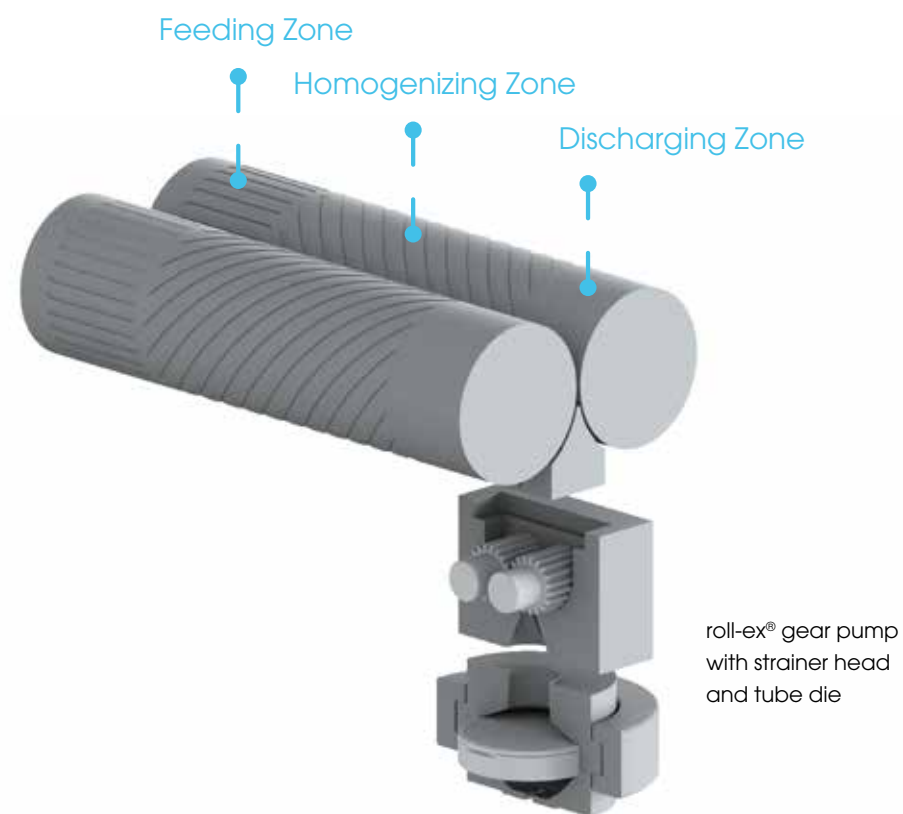
DESIGN

PRODUCTION

SERVICE

## BASIC PRINCIPLES OF TRP TECHNOLOGY

The automatic process combines rubber processing with proven methods such as cracking, homogenization and discharge.



This compact system consists of 3 zones located along the length of the roll (see diagram): In the feeding zone materials of various types and shapes, such as sheets, slabs or shaped profiles are dropped into a hopper by a conveyor.

In the homogenizing zone the system causes a mechanical transformation. In the discharging zone the material is automatically formed following the proven roll-ex® TRF principle.

This results in a reproducible and continuous process which is fully automated and encapsulated. Depending on the application, the TRP is more energy-efficient in comparison to existing technical processes and requires a smaller footprint.

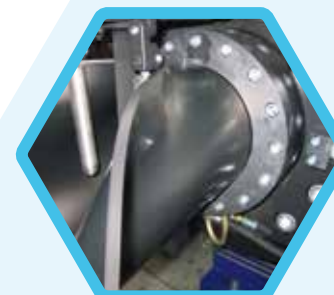
Due to its modular design the TRP technology provides different applications. For example, by use of an integrated roll-ex® gear pump combined with fine mesh straining, material can be shaped by dies as required.



weighing and cutting



slab feeder



discharge die

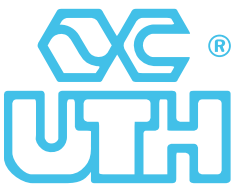
## TRP REWORKER: THE SYSTEM FOR REWORK PROCESSING BASED ON THE TRP TECHNOLOGY.

The TRP Reworker works automatically and continuously to rework treads, sidewalls, profiles or sheets using integrated fine mesh strainers. The material is processed very gently due to very good temperature control.

The TRP Reworker is energy-efficient, space-saving and has a high safety standard compared to conventional processes.

The modular concept also makes customized designs possible.

The system includes features such as slab feeders, cutters, metal detectors, weighing equipment and various discharge dies.



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