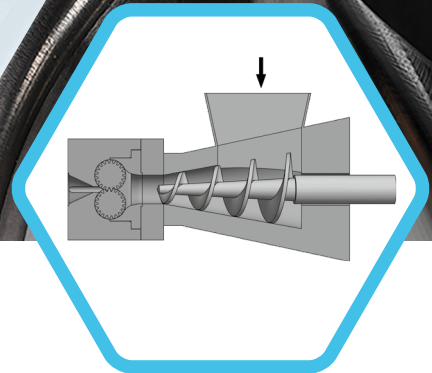


# POLYMER DOSING SYSTEM

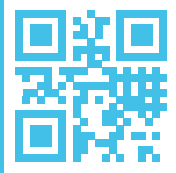
Based on the roll-ex® gear pump technology, the continuous polymer dosing system offers a special solution for the feeding, plasticizing and dosing of polymers of higher viscosity.



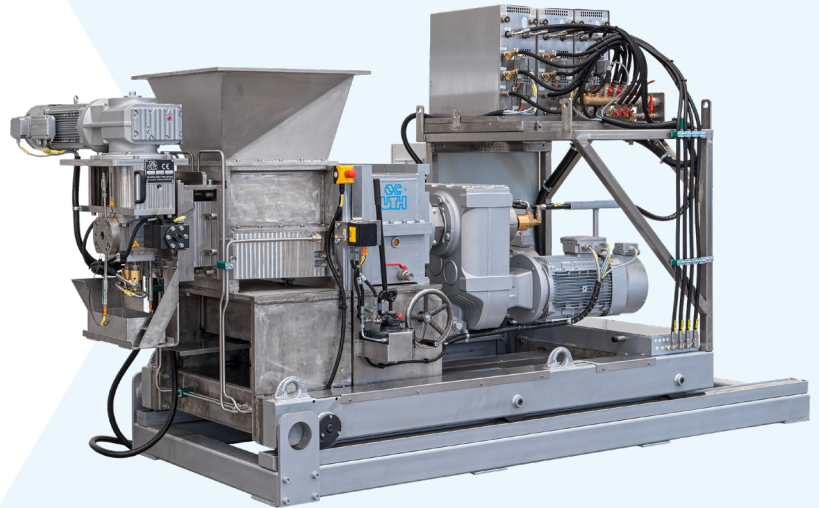
roll-ex®

[www.UTH-gmbh.com](http://www.UTH-gmbh.com)

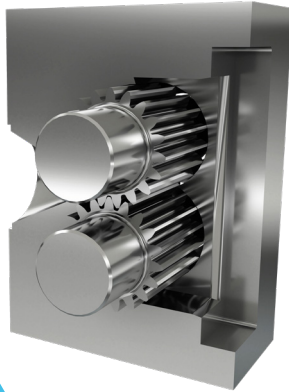
HIGH  
QUALITY



EXACT  
DOSING



10/2022



roll-ex® Gear Pump



Polyisobutylene (PIB)



Butyl Rubber

## POLYMER DOSING SYSTEM

The supply of highly viscous and solid components in continuous mixing processes imposes high requirements on the dosing technology. The polymer dosing system is the solution for exact dosing of such materials with different types and shapes. Based on the modular designed roll-ex® system, it is composed of a gear pump, combined with a suitable feeding unit. Depending on the compound and process parameters, a screw extruder (SF) or conical twin-screw extruder (DSE) of appropriate size is used. This dosing solution offers the provision for easy integration, in consideration of all mechanical and control interfaces.

### OPTIONS:

- vacuum type design for degasing
- control system, automation and interfaces
- material handling equipment
- movement device
- quick and easy cleaning



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