

Machines for Rubber and Silicone Processing Tailor-made for your production line

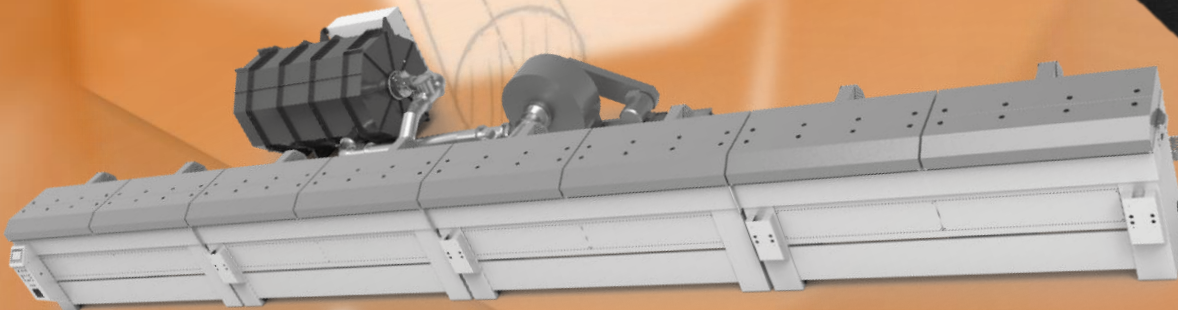
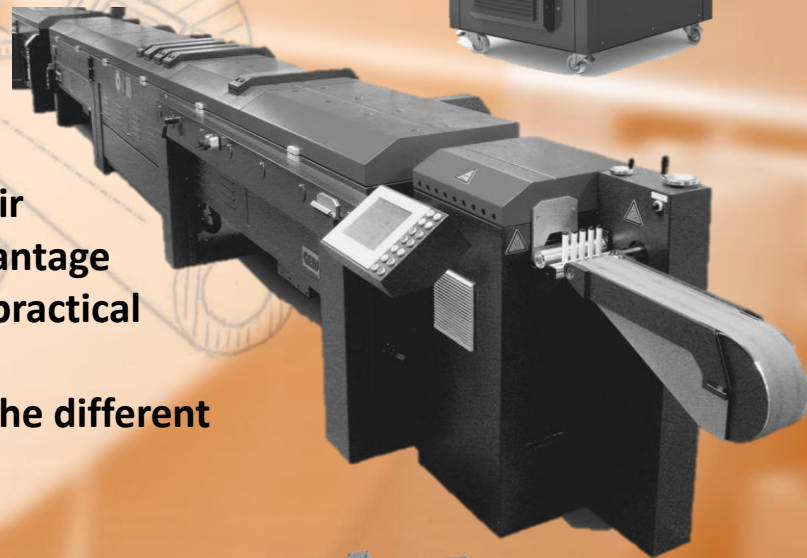
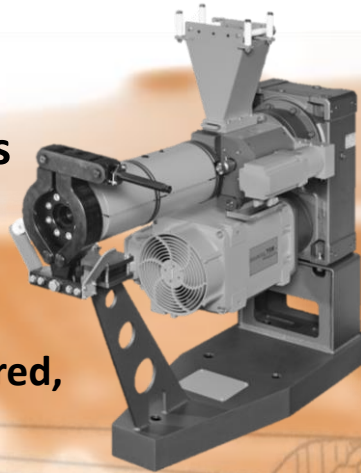
As a part of the Rameckers Group, Gerlach offers a wide range of machines for rubber extrusion, vulcanization and downstream production processes.

The most important machines are manufactured, assembled and commissioned in-house.

Based on your specifications and machine requirements, our engineers create a tailor-made proposal and offer for your individual machine or a complete production line.

We advise our customers to design a production line accordingly, also with regard to energy efficiency and exhaust air purification in your production. Take advantage of our laboratory machines available for practical tests in our R&D department.

On the back you can see an overview of the different machines from our portfolio.



Find an overview of our serial machine variants on the overleaf page.

MACHINES

Extruder, cold feed
Screw diameter 35 / 50 / 63 / 75 / 90 / 120, LD 17/20, gear pump, extruder heads
Infeed profile transportation belts
Can be pivoted 90° pneumatically or manually, different length possible
NIR Pre-Shock
Power classes up to 37 KW, profile treatment from below or 360°
Shock channels
Profile treatment up to 550°C
Microwave channels
Microwave channels with hot air support, total power up to 30 kW
Microwave modules (guided wave UHF technology)
Stand alone microwave modules with different total outputs, freely configurable and expandable
Hot air channels
Machine lengths up to 24 m, optionally with exhaust air cleaning
Triple desk hot air channels
Machine lengths up to 21m, optionally with substructure cooling
Drying channels
Infrared- or hot air channels up to 24 m length
Cooling channels
Air or water cooling of profile
Profile flocking machines
Glue application, dosing device, flock cleaning, air-conditioning cabins
Pull Off
Different conveyor belt variations, pull off with force measurement and sag control
Profile stamping and marking
Online cut with integrated pull off
Environmental plants
Exhaust air purification by self-sufficient or integrated systems
Profile connection by film application
Straight or miter joint of profiles
Laboratory machines
Scientific investigations e.g., with HeatStraD, guided wave UHF and existing machines
Supplementary equipment and machines
E.g., profile temperature monitoring, profile deflection, heat exchanger...

SERVICE

Worldwide machine and customer services by Rameckers Group
Regular inspection and maintenance of machines to keep your machinery functional.
Remote services to machines worldwide, can be arranged for timely support and troubleshooting.

We deliver your
TURN-KEY
production line!