

TROESTER

GEAR EXTRUDER ROTOMEX



ROTOMEX

TROESTER's ROTOMEX is a compact and energy-efficient gear extruder designed for straining of different rubber compounds. Operating on the principle of a gear pump with integrated feed gears. With optional vacuum degassing and precise temperature control ROTOMEX enables effective pre-heating and low-temperature plasticisation. Compared to traditional single-screw extruders, it offers up to 70% energy savings and minimises thermal stress on the compound.

ADVANTAGES

- Straining accelerated and non-accelerated rubber compounds
- Improving the level of dispersion of reinforcing fillers and extenders
- Blending of feed strips
- Pre-Heating of rubber compounds
- Excellent air removal
- Seamless integration in existing process or as stand-alone
- Compact and space-saving

Type	ZX 75	ZX 120	ZX 170
Output [kg/h]	275	760	1400
Speed [rpm]	40	30	20
Pressure [bar]	450	450	350
Power [kW]	9,5	26	2*27

Indicative data. The actual data depends on the compound and further process parameters



ROTOMEX ZX 170



Automatic clamping

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