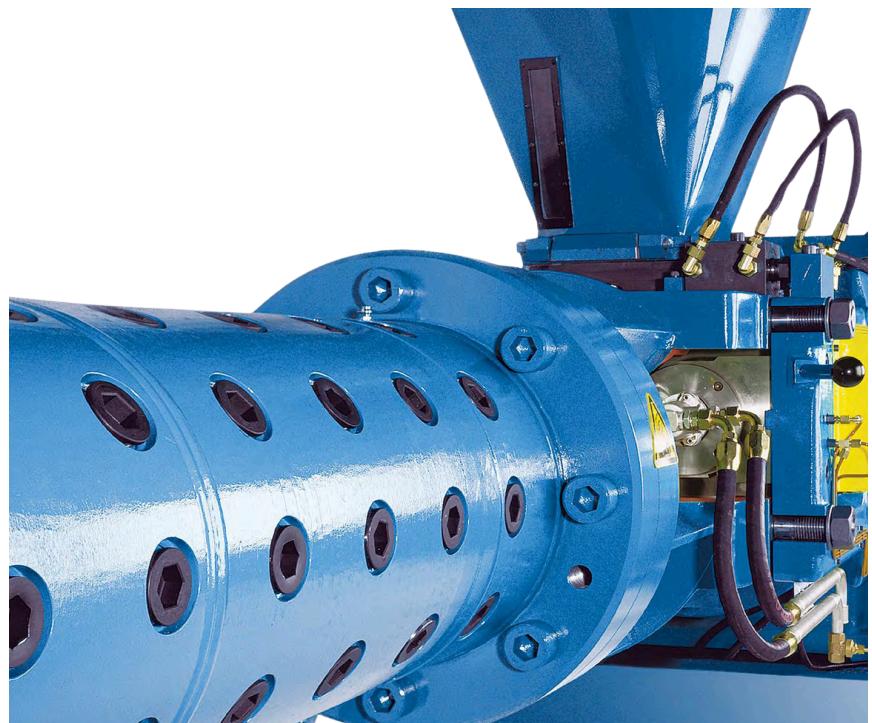
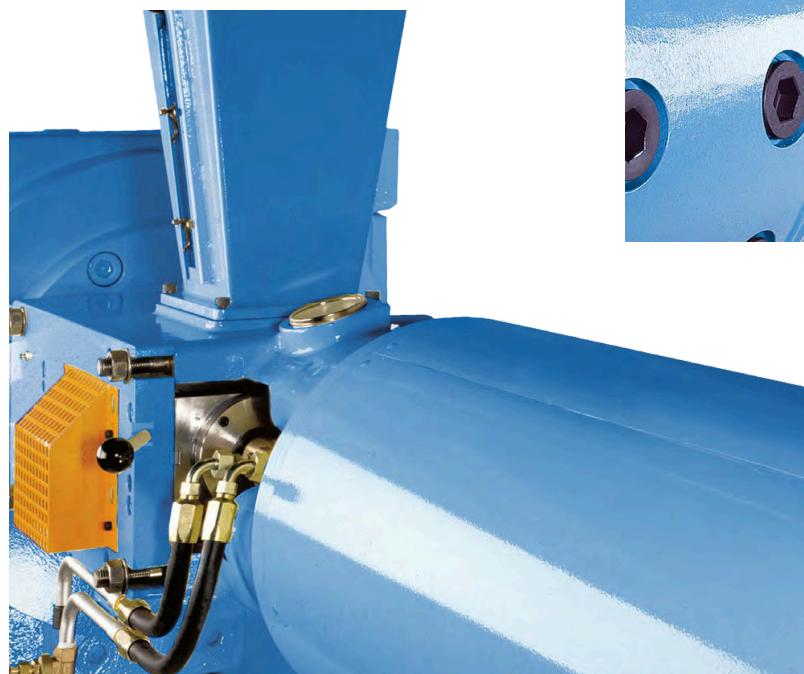


TROESTER

EXTRUDERS



GS/K EXTRUDERS

Screw-type rubber extruders (GS) as a non pin type version manufactured by TROESTER and used by the leading rubber processing companies in Europe and abroad, have for over a century been recognised as setting the benchmarks in output and production quality. The leading role of TROESTER in the field of cold and hot-feed extrusion technology guarantees that customers will receive state-of-the-art designed equipment coupled with the best possible performance characteristics in the future.

ADVANTAGES

- Versatile application
- Precise material control
- Durability and longevity
- High performance
- Flexible process integration

Type	GS 30/k	GS 45/k	GS 60/k	GS 90/k	GS 120/k	GS 150/k
Output [kg/h]	10-15	30-45	130-200	300-450	480-725	800-1200
Screw speed [1/min]	60-80	60-80	60-80	45-55	40-50	35-45
Drive power [kW]	2,5-3,5	8-11	25-35	50-60	90-110	125-160

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



GS/W EXTRUDERS

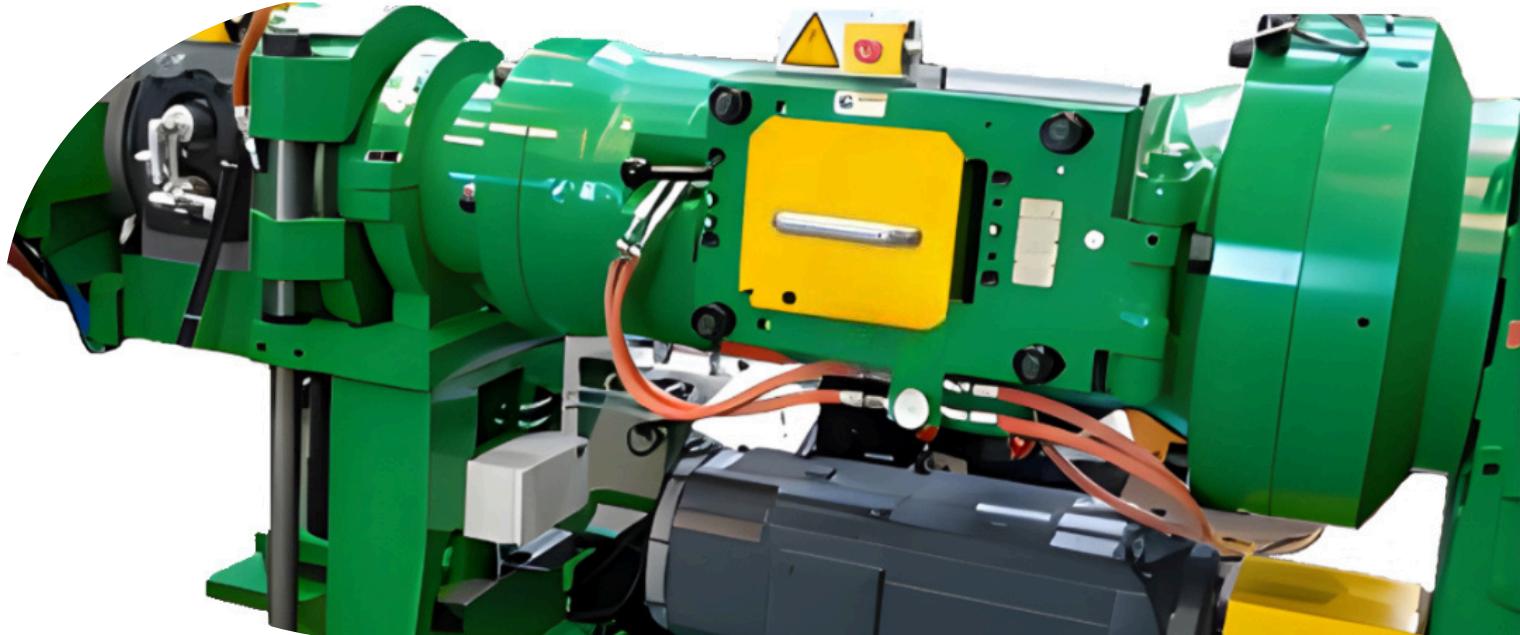
Hot-feed extruders process preheated, plasticised rubber compounds, typically prepared on mills, enabling efficient feeding, compression, and shaping at lower energy input. Due to their short feed sections and optimised screw geometry, hot-feed extruders build pressure effectively, ensuring high product quality. With additional results in superior extrusion quality and process stability, making hot-feed extruders ideal for applications where product uniformity and gentle material handling are critical.

ADVANTAGES

- Improved plastification
- Energy savings
- Multiple use possibilities: Single extrusion or for multiplex aggregates
- For higher output requirements

Type	GS 90/w	GS 120/w	GS 150/w	GS 200/w	GS 250/w	GS 300/w
Output [kg/h]	450-600	825-1200	1400-2000	2250-3250	3300-4400	4300-5500
Screw speed [1/min]	65-90	50-70	42-60	42-50	30-40	25-35
Drive power [kW]	25-32	32-43	63-90	135-160	160-210	170-240

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



GS/VAK EXTRUDERS

Cold-feed, degassing extruders manufactured by TROESTER are being used successfully by leading companies in many areas of rubber processing. Together with complete lines for continuous production, these extruders are also characterised by outstanding output values. The modern production of high-grade, pore-free rubber profiles and hoses can only be achieved economically with the help of vacuum extruder. In this way can pore-forming constituents in the compound such as air or moisture, be removed permanently and the benefits of pressureless continuous vulcanisation systems be utilised.

ADVANTAGES

- Superior degassing technology processing
- Enhanced product quality
- Suitability for sponge rubber
- Efficient material utilisation

Type	GS - Vak 60/k	GS - Vak 90/k	GS - Vak 120/k
Output [kg/h]	65-130	150-400	350-700
Screw speed [1/min]	60-80	45-70	37-55
Drive power [kW]	21-26	45-70	75-110

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



QSM EXTRUDERS

The QSM as a pin type extruder, developed by TROESTER in the 1970s, enables the efficient processing of a wide range of rubber compounds. Using external pins inserted through the barrel, it achieves gentle, low-temperature plasticisation without changing the screw. Made typically from wear resistant steel, the extruder handles even abrasive compounds with optional hard coatings. It offers high throughput, self-cleaning and adjustable performance through pin configuration.

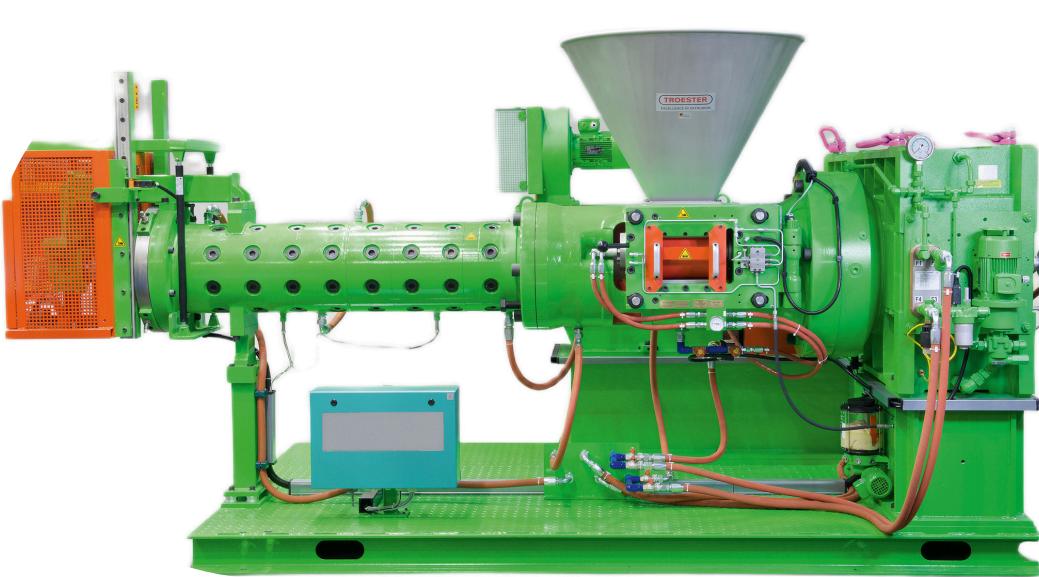
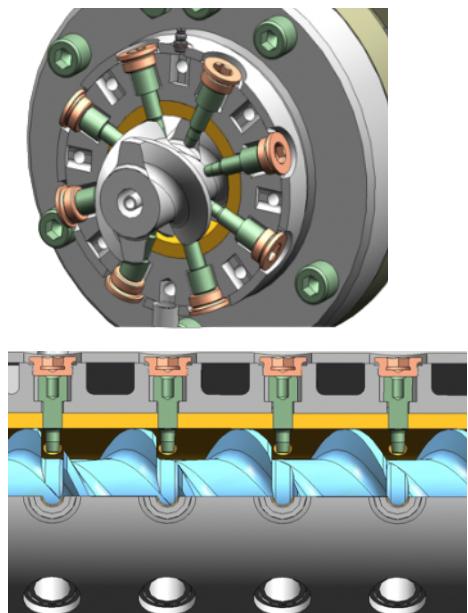
Optional as a pork chop version or for use in multiplex aggregates.

ADVANTAGES

- Advanced mixing technology
- Self cleaning design
- Universal rubber processing
- Vacuum option available
- Optimised material exchange
- High throughput and quality

Type	QSM 60/k	QSM 90/k	QSM 120/k	QSM 150/k	QSM 200/k	QSM 250/k	QSM 300/k
Output [kg/h]	130-200	450-650	825-1200	1400-2000	2250-3250	3300-4400	4300-5500
Screw speed [1/min]	60-80	55-65	40-50	38-45	30-35	24-27	18-21
Drive power [kW]	25-34	65-77	95-120	165-195	315-365	440-495	470-550

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



KGS EXTRUDERS

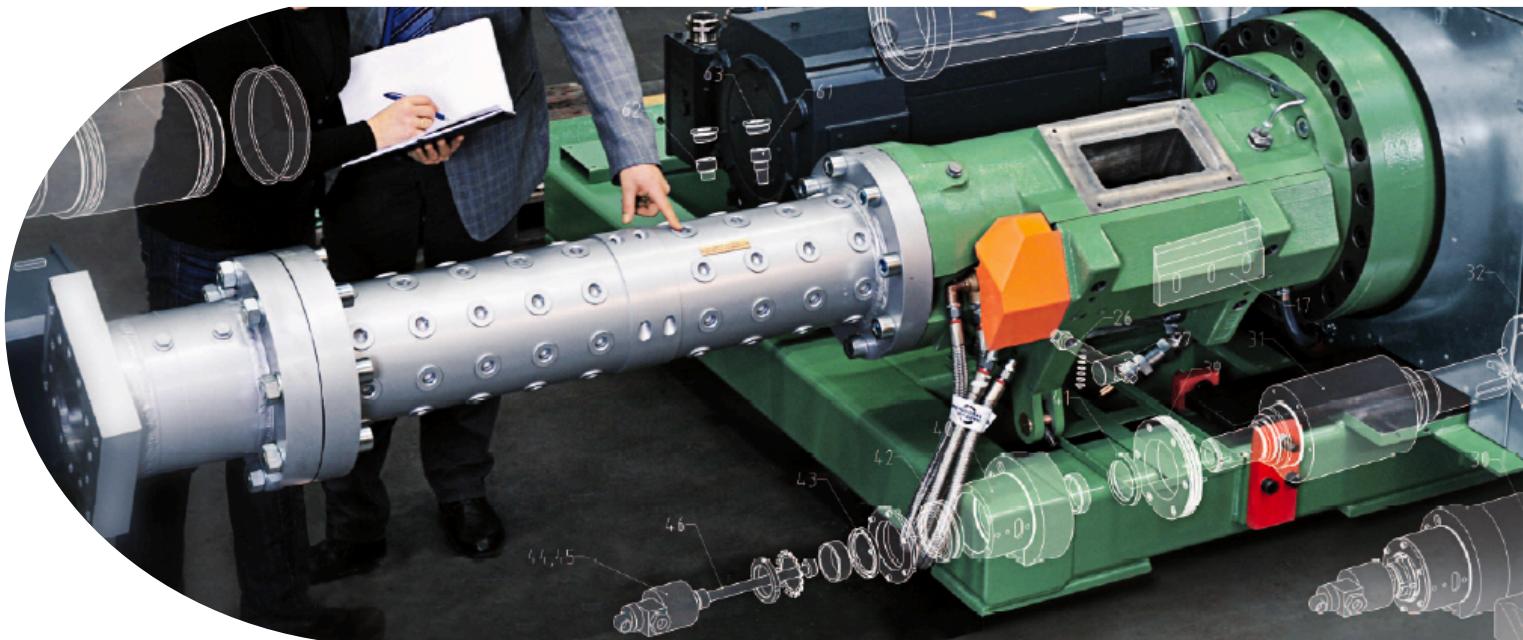
KGS extruders feature robust cooling and lubrication systems for reliable operation. The linerless barrel is modular and wear resistant, and the screw is designed for long service life. Versatile and durable, KGS extruders offer optimised plasticising and advantages in processing compounds, improved product consistency, and higher energy efficiency in demanding applications. Optional as a hot-feed, pork chop version or for use in multiplex aggregates.

ADVANTAGES

- Advanced mixing technology
- Self cleaning design
- Universal rubber processing
- Optimised material exchange
- High throughput and quality

Type	KGS 90/k	KGS 120/k	KGS 150/k	KGS 200/k	KGS 250/k
Output [kg/h]	450-650	825-1200	1400-2000	2250-3250	3300-4400
Screw speed [1/min]	55-65	40-50	38-45	30-35	24-27
Drive power [kW]	65-77	95-120	165-195	315-365	440-495

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



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