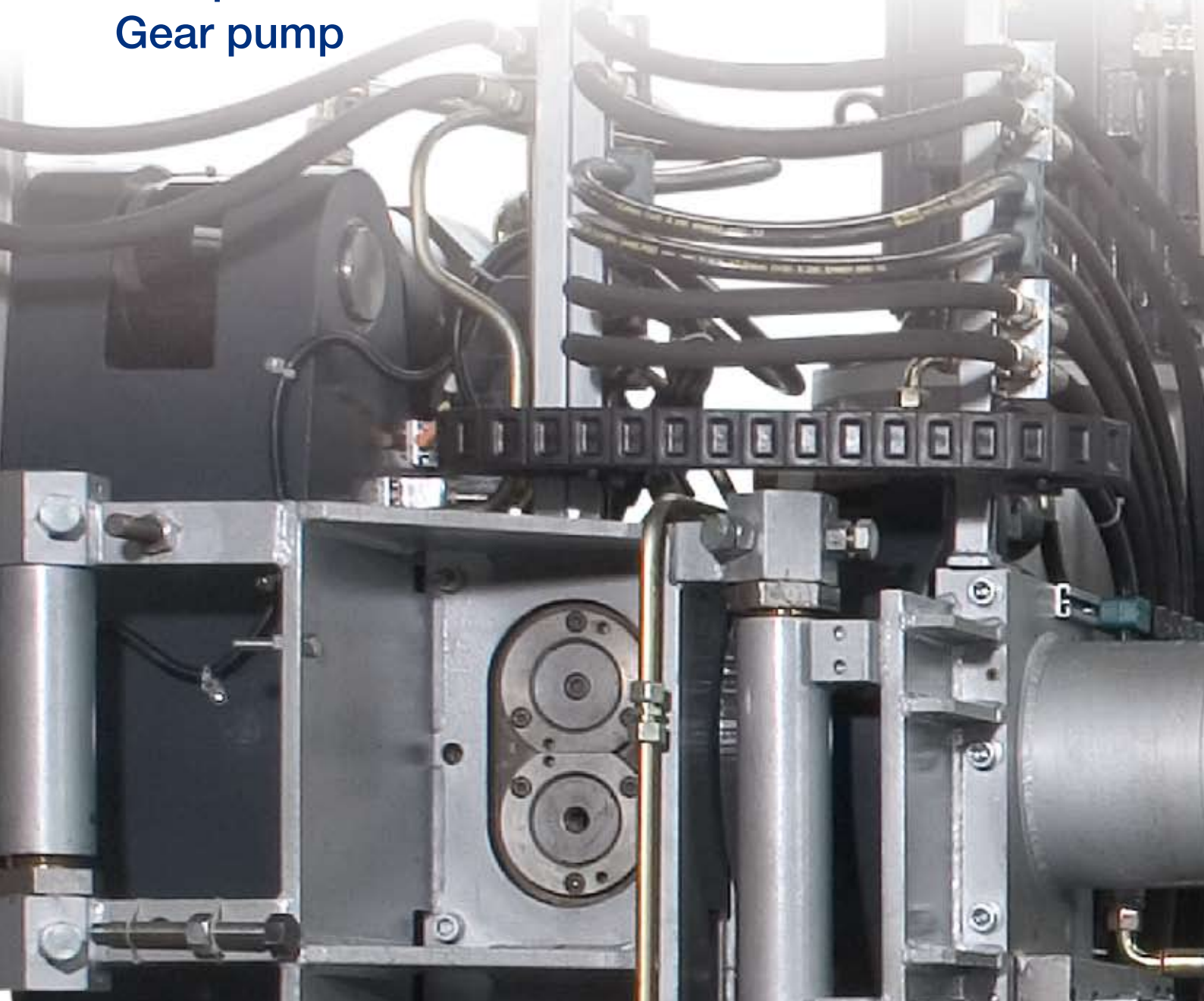
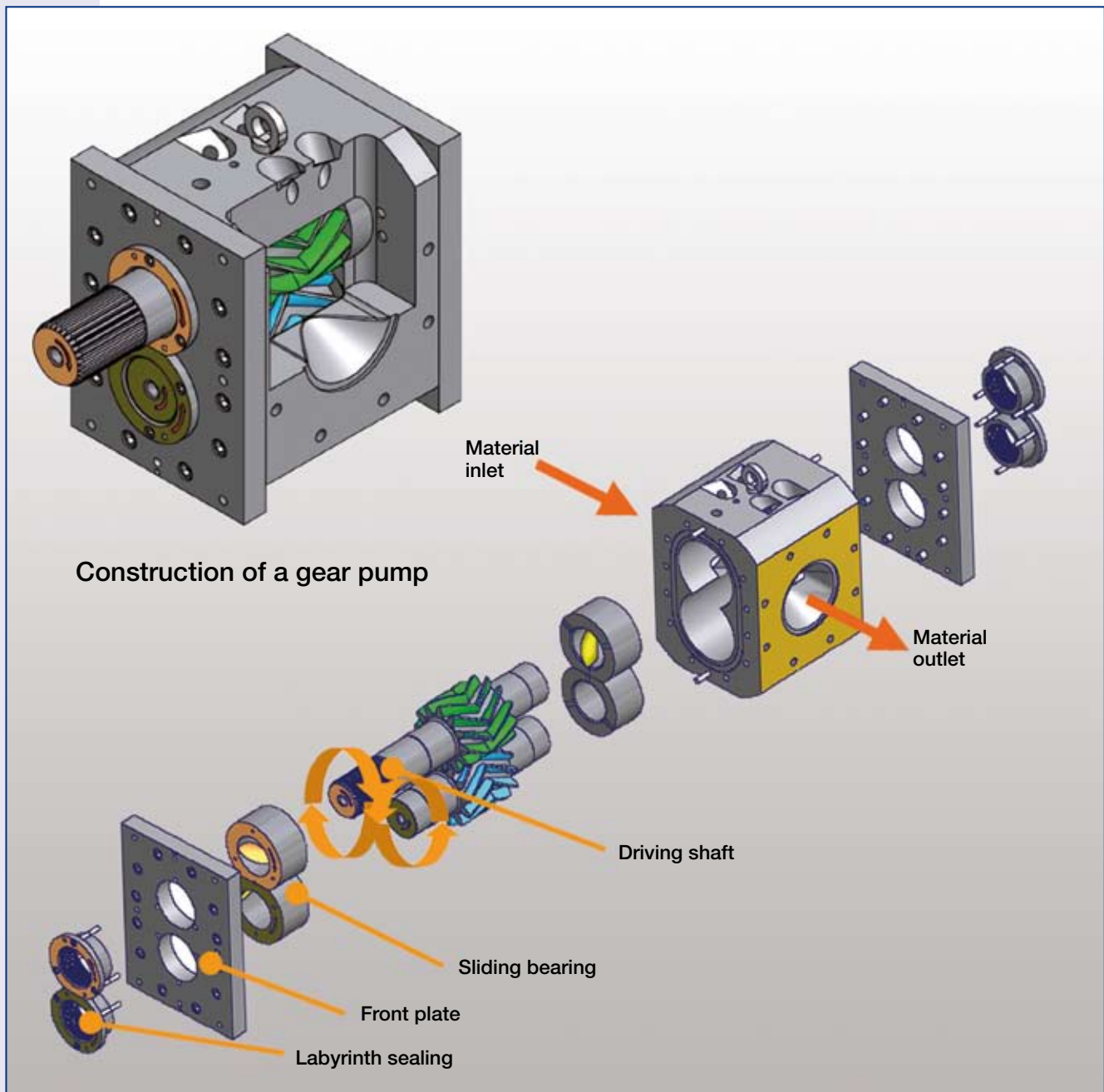


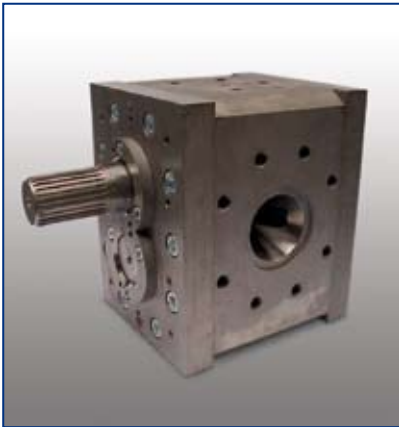
Compact rubber extruder with Gear pump



Sound knowledge for cutting-edge extrusion technology

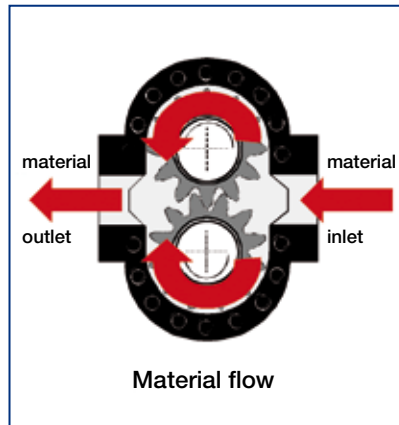
Gear pumps with herringbone gearing in combination with compact extruders for precision technical profile production. Influenced only by its rpm, the gear pump generates an even, constant volume flow, a pre-condition for optimum production of hi-quality profiles.





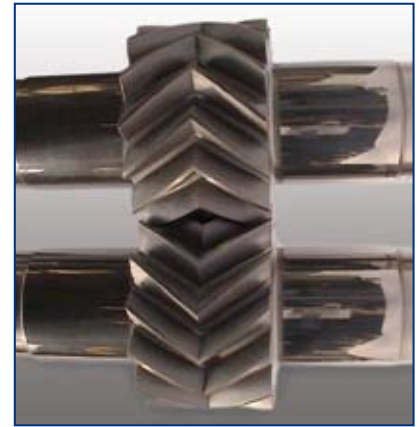
Task

Pressure build-up from 40 to max. 500 bar, minimum temperature increase, pulsation-free flow.



Functional principle

Filling of the tooth gaps, transport in the tooth gaps, discharging of tooth gaps.



Herringbone gearing

Very even product flow, central product flow, minimum pulsation tendency, balanced bearing loads.



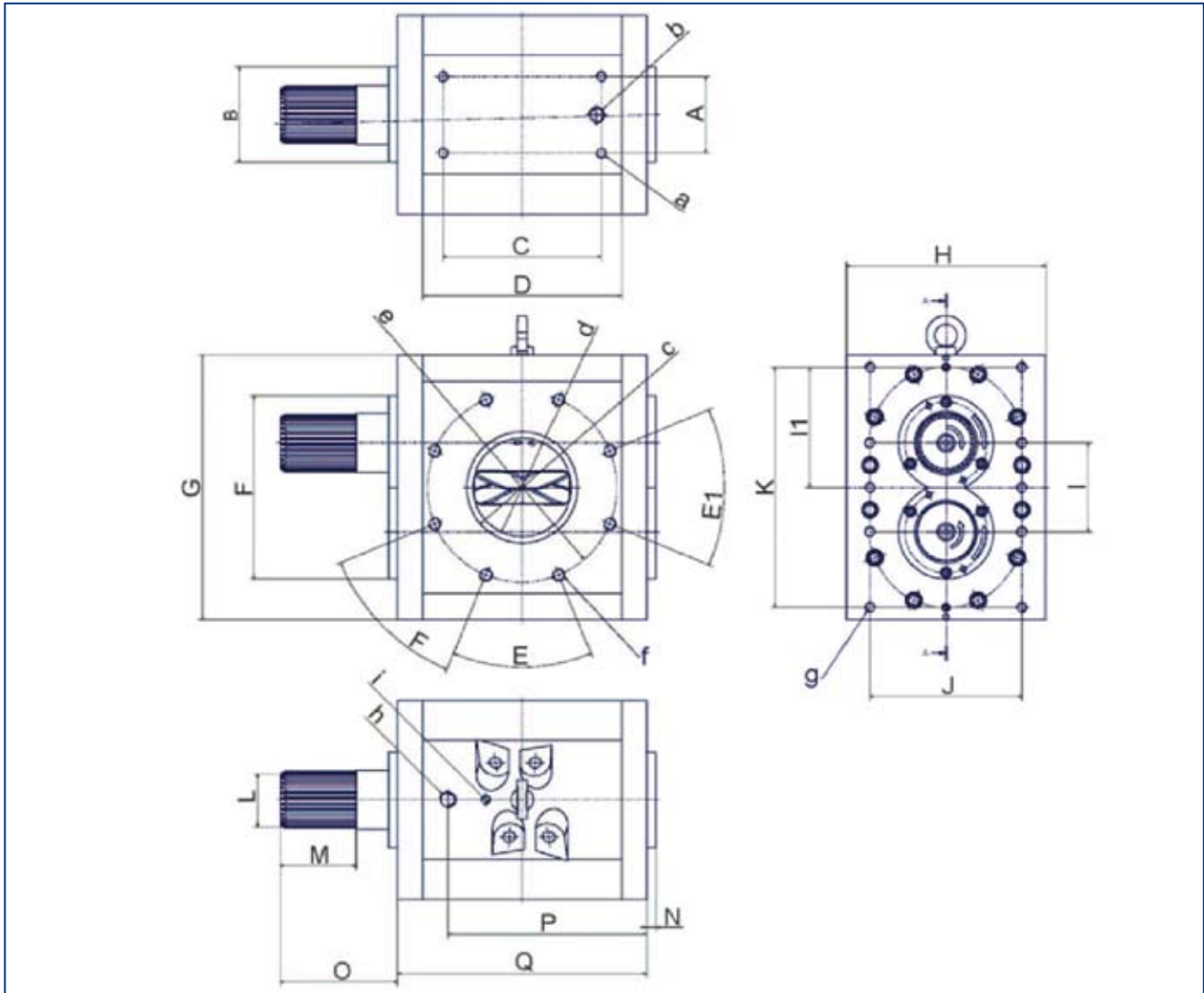
Gear pump employed to increase pressure in cross head



120 mm compact extruder with gear pump for production of extremely tight tolerance profiles



Gear pump utilized to increase pressure in a 150 mm strainer extruder, capacity approx. 1,600 kg/h



Technical Data

Hatec type		58 / 40	70 / 60	90 / 63	115 / 110	140 / 150
Capacity	kg / h	180	320	550	1,200	2,500
Specific volumetric capacity	cm ³ / rotation	58	138	206	624	1,517
Drive capacity	kW	5.5	9.2	15	36	96
G		210	256	300	370	420
H		165	200	225	270	315
J		125	150	162	240	240
L		38	45	55	75	90
M		55	74	85	105	120
O		80.5	117	121	167	185
Q		175	210	254	320	395

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- Tire building machines
- Curing presses

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