

Compact rubber extruder Strainer Cold-feed type KG 150 / 10



Maximum productivity through exacting perfection

Thanks to its compact design this extruder-strainer can be placed anywhere in the mixing room.

Preheating of the compound in the screw feeding portion ahead of the gear pump can be tailored to the needs of the specific compounds being processed. Screen-paks before and after the gear pump ensure product quality, while the gear pump ensures the production of precise strips without the use of a calender.

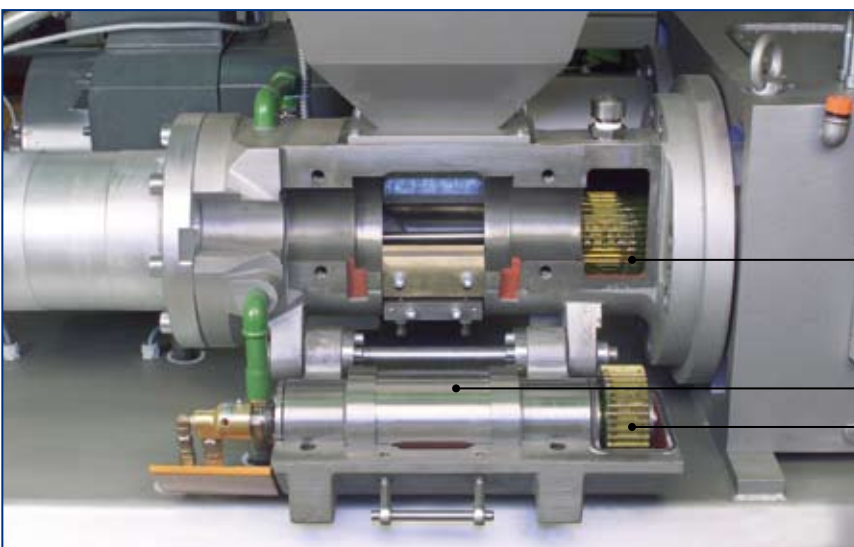


The cold-feed extruder strainer type KG 150 / 10 provides the following advantages:

- Compact design; extruder including gear pump, the transmission and the drive are mounted on a frame; integrated TCUs, hydraulic units and electrical equipment: For easy accessibility, high mobility, small footprint.
- Complete installation including in-house performance check before shipping: For shorter assembly times, lower assembly costs and minimal installation work.
- Frequency controlled special asynchronous AC motor: No maintenance costs through wear of brushes, no belt slip, rotation speed control via tachometer.
- Temperature control units on mounting frame, factory-assembled: The devices can be removed easily for inspection and maintenance.
- High-performance PLC control with LCD display, profi bus communication component: All elements are operated via the operating panel, with option to connect to line control and recipe recording system.
- Gear pump with herringbone gears: Ensures even material flow and precise shaping of strips using existing tooling. A special sealing system minimizes leakage.
- Straining in pre- and final screen-paks ensures product quality.



Die holder including die, and hydraulic clamp ring



Cylinder inlet with feed roll

Feed roll driven by output shaft, design minimizes leakage.

Grease lubrication: no pump required

Feed roll

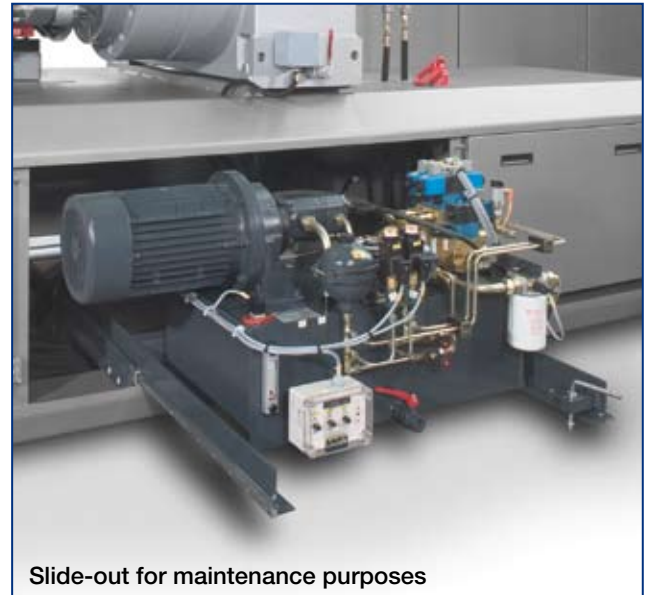
Roller wheel



Slide-out for maintenance purposes

Temperature control units for:

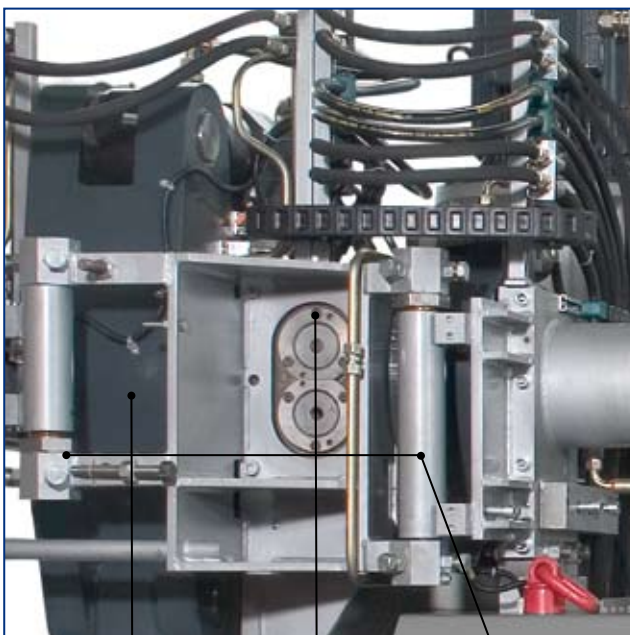
- Cylinder inlet
- Screw
- Cylinder
- Gear pump
- Strainer head



Slide-out for maintenance purposes

Hydraulic unit for:

- Gear pump clamping ring
- Strainer head clamping ring



Strainer head

Gear pump

Swiveling arm

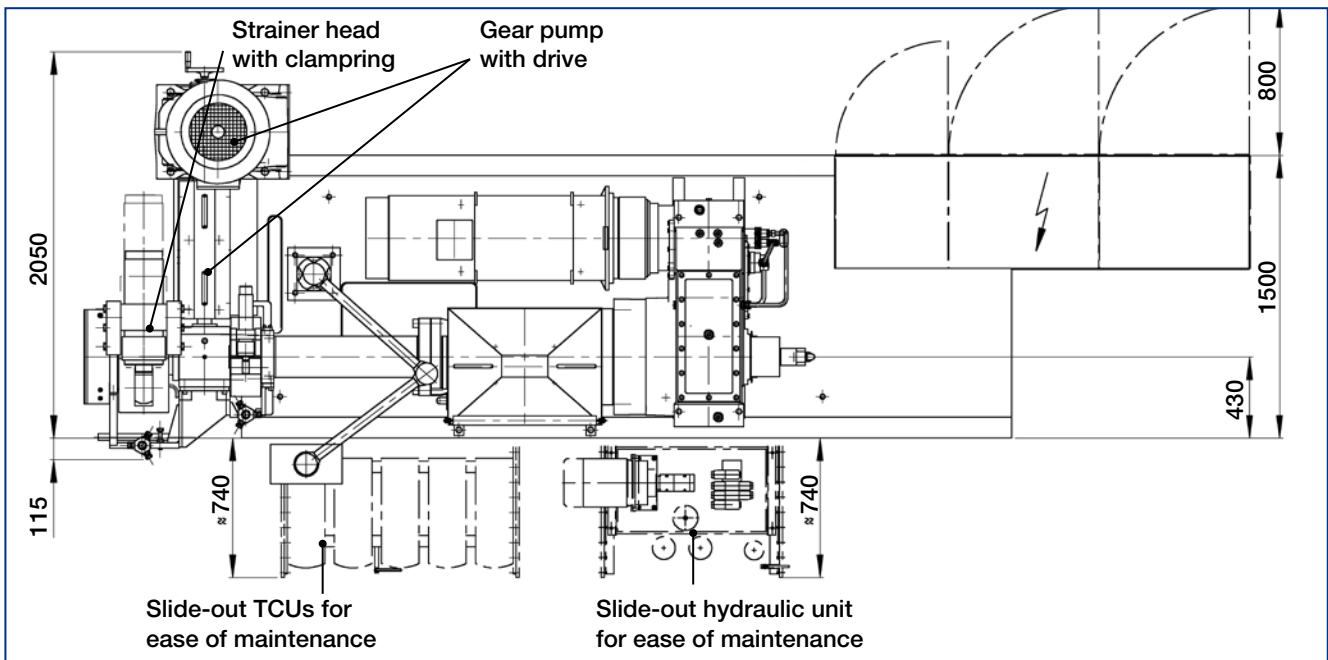
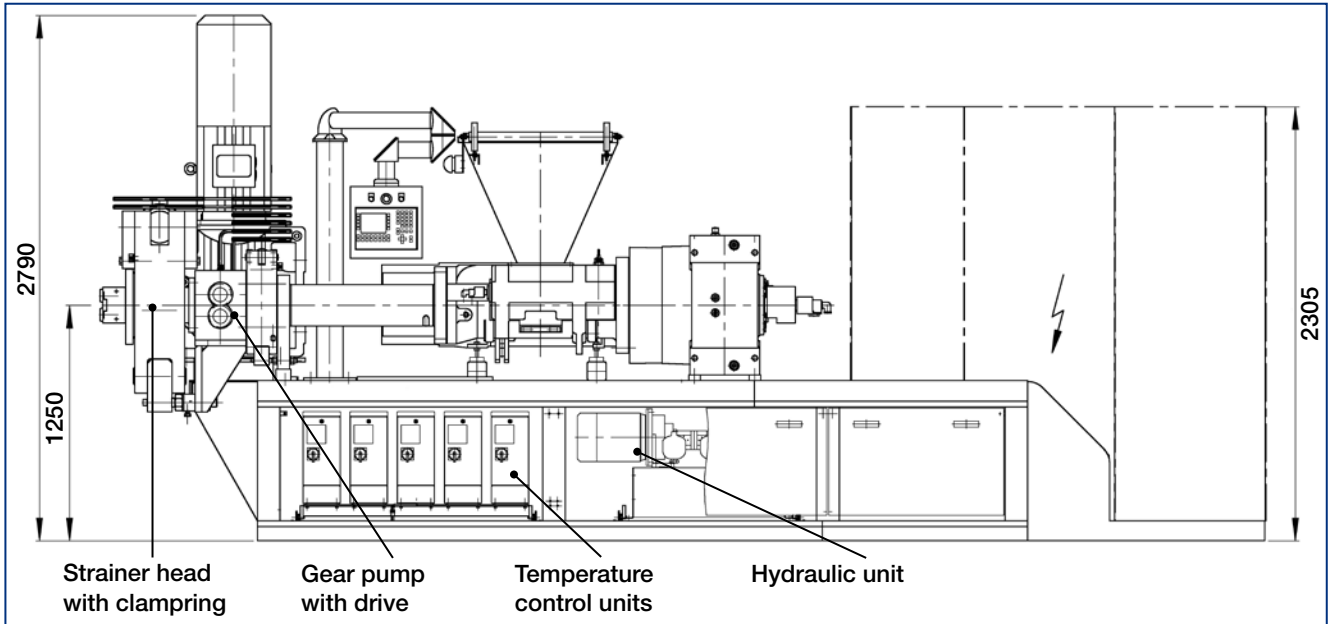


Gear pump drive

Drive motor

Gear box

U-joint drive coupling
inside protective boot



Technical specifications

Capacity	depending on compound	1,000 to 1,600	kg / h
Screw diameter	D	150	mm
Screw length	L/D	10	D
Screw rotation speed	Adjustable	0 to 80	1/min
Extruder drive power	at 1,750 1/min	135	kW AC
Pump drive power	at 1,470 1/min	37	kW AC
Weight	approx.	10,000	kg

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