

Extruder for the Production of Technical Rubber Goods



Innovative technology for the efficient and economic production of profiles and hoses

With our extruder your production of profiles and hoses can be optimized. Specially when you often have to change the profile to be produced, our compact style extruder gives you the best benefit.



Compact style rubber extruder type KGE 90 / 20. Gear pump, TCU and control panel are integrated.

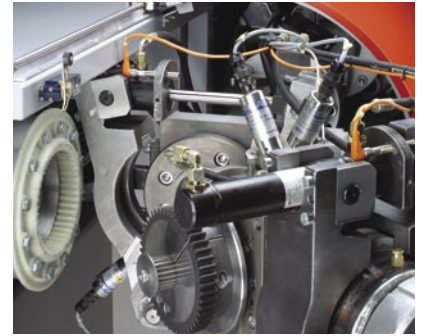
The advantages of the compact style are:

- Extruder with gear, electric motor and vacuum pump are mounted on a common frame with integrated electrical equipment: easy access from all sides, high degree of mobility, space saving, yet with enough room to easily dismount the extrusion screw.
- Complete assembly including functional test on manufacturer's side ensure quick and inexpensive installation at the customer's production plant.
- Frequency-controlled three-phase asynchronous motor: no brushes, no brush wear, no belt creep, constant number of revolutions controlled by speed indicator.
- Extrusion screw removal at the rear, available as option: time saving screw dismounting without dismounting the extrusion head or displacing the production line.

- Temperature control device assembly on a slide-out mounting frame ensures excellent access, easy maintenance and quick replacement of individual TCUs.

An innovation is the adjustable flow throttle in front of the venting area for selected venting according to actual compound and profile requirements. That makes it possible to:

- Adjust the pressure built-up required for degassing "on-the-fly",
- adapt the throughput to the extrusion profile and
- store the optimum conditions for the different materials in the recipe management.



Gear pump and extrusion head with clamping device and hinges



TCUs slide out for easy servicing



Extrusion line for the production of profiles for the automotive industry

Harburg-Freudenberger

We develop, build and distribute machines, lines and systems across our three company divisions based on 150 years of company tradition.

Rubber mixing technology

We provide the most comprehensive range of machines for the rubber and caoutchouc industry including all major preparation and processing stages.

- Complete mixing room systems
- Internal mixers
- Mixing mills
- Dump extruders

Caoutchouc technology

Production machines and lines for the manufacture of tires and technical rubbergoods from raw material feeding to vulcanisation:

- Extruder
- Extrusion lines
- Tire building machines
- Curing presses

Edible Oil Technology

Machines for processing oilseed, crude oils of vegetable origin and animal raw materials as well as screw presses for the dewatering of synthetic caoutchouc and similar products:

- Screw presses
- Extraction lines
- Refining lines
- Process engineering

We are always at your service

With our foreign offices and our service points we have a global presence.

If you would like to learn more about Harburg-Freudenberger or if you require information on specific services, please do not hesitate to contact us.



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