BARMAG

Eccentric screw pumps –
Robust all-rounders convey any medium

Since 1922, Barmag gear metering pumps have been used around the globe as process engineering components in applications within the chemicals, plastics, dyes and paint industries and in PUR applications. The operational demands of these pumps are considerable, as customized process solutions become increasingly complex. To address these new challenges Barmag introduces the new eccentric screw pump range.

High wear-resistance, increased durability and robust operation – the new pump is tailor-made for conveying highly-filled, high-viscosity or abrasive media, such as filled adhesives, filled silicones and filled casting compounds. The highlight of the eccentric screw pump is the multi-stage sealing system, which considerably increases the pump's lifespan. The upstream shaft sealing ring protects the slide ring seal from excessively quick wear caused by challenging media. In turn, the optimum alignment of the drive shaft – ball bearing-supported and centrally-guided through the shaft sealing ring – prevents any metal debris caused by friction and hence ensures considerably greater durability.

Furthermore, the sealing medium used between the shaft sealing ring and the slide ring sealing provides an optimum environment for the seal system. Customers benefit from considerably greater productivity, as the pump maintenance intervals and hence machine downtimes are significantly reduced.

Barmag eccentric screw pumps are already deployed in many different areas of the plastics industry, the automobile industry, the dyes and paints industry, pharmaceuticals, and food processing production and new challenging applications.



Operational range:
- Throughput range: 1ml/min. up to 30l/h*
- Speed range: up to 200 rpm*
- Viscosity range: 1mPas to 1.000 Pas*
- Counter pressure: max.: 20 bar*
- Supply pressure: max. 20 bar*

*Not possible in all combinations.

Optional accessories:
- Holder
- Motor
- Coupling

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Subject to technical modification and other changes.
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