BARMAG

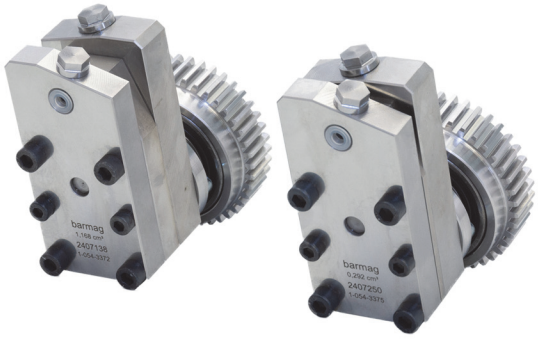
Gear metering pumps for multi-purpose applications

Barmag gear metering pumps are used as technological showpieces in processing systems across the globe. The GS-35F gear metering pump is the perfect choice for many existing applications in high precision metering of various liquids.

Accurate metering at high pressures is guaranteed even under the most difficult operating conditions involving low viscosity media.



The design is optimized to use a minimum number of components. The critical parts are all hardened and manufactured to exceptional accuracy allowing high pressure operation and exceptional wear resistance. The resultant high quality manufacture provides precision metering with uniform flow and prevents over delivery. Individually, the pumps can be operated between 10 and 200 rpm but if a process requires mixing of two components this can often be achieved by reducing or increasing the outer drive gear diameter to adjust pump speed / throughput whilst still using a common drive.



The GS-35F metering pump is your reliable drop-in solution for many existing applications, for example in:

- Food casings
- Viscometer / Analyzer
- Cellulose
- Special fibers
- Pharma
- Paints, Dyes, Resins
  and many more…



Technical data:

- Capacity: 0.146 - 2.92 cc/rev
- Product temperatures up to 150°C / 300°F
- Inlet pressure 3 - 35 bar / 45 - 500 psi
- Maximum outlet pressure 105 bar / 1500 psi
- Viscosity up to 100 Pas / 1000 poise
- Can be driven by line shaft or individual motor

Special application versions for materials, clearances etc. are possible.

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Subject to technical modification
and other changes.
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