expac®

Compact retrofitting system for rubber extruders

No matter how your process is designed, maag will offer the best solution for any customer-specific application. The system uses only high-quality proven components. Know-how and combining are the corner stones for achieving the ideal result for our customer.

**Your benefits**
- Proven gear pump from the program of the extrex® series
- Mobile racks
- Temperature units and rotary inlets
- Complete electrical systems for operating and monitoring
- Pressure and temperature measurement, sensors and electronic evaluator
- Transmission and engine
- Adapter flanges and locking devices
A range of typical pumping media
- Technical elastomers
- General elastomers
- Solid silicone rubbers
- Fluororubbers

Optionally, two versions are available
- Price/performance-optimized assemblies
- Functional system assemblies for simple and user-friendly retrofitting

Accessories
- 1 set of rotary inlets
- Temperature unit type WDT with integrated logic
- 1 set of scrapers (1 for each side of the pump)
- 1 set of sensors (pressure transducers P1, P2, 1 thermo element FeCuNi
- Gear wheel pump extrex RB/RV
- Signal amplifier for pressure transducers
- Adapter flange type B with eyebolts (single flange) between pump and extruder
- Adapter flange type C with eyebolts (dual flange) between pump and spray head
- Mass temperature sensor
- Bearing removal device

Cart size | Length l [mm] | Width w [mm] | Height h [mm] | Mean extrusion height [mm]
--- | --- | --- | --- | ---
I | 1,333 | 955 | 1,410 | 1,100 ± 50
II | 1,731 | 1,320 | 1,735 | 1,400 ± 50

Size | Throughput | Cart | Drive component
--- | --- | --- | ---
| [kg/h] | P [kw] | n2 ratio [rev/min] | n1 ratio [rev/min] | gear ratio | max. torque [Nm]
56 | < 150 | I | 7.5 | 50 | 1,460 | 29.0 | 1,362
70 | < 250 | | 15.0 | 46 | 1,470 | 31.5 | 2,942
90 | < 450 | II | 22.0 | 42 | 1,465 | 34.7 | 4,725
110 | < 750 | | 30.0 | 30 | 1,455 | 48.0 | 7,920

Size | Throughput | Cart | Universal shaft
--- | --- | --- | ---
| [kg/h] | Hub Ø [mm] | Size | Lz [mm] | La [mm] | Fl
56 | < 150 | I | 150 | 687.25 | 458 | 100 | 120/150
70 | < 250 | | 180 | 687.35 | 585 | 110 | 150/180
90 | < 450 | II | 180 | 687.45 | 595 | 110 | 180/180
110 | < 750 | | 225 | 687.55 | 662 | 110 | 225/225

P = speed, n2 = pump speed, n1 = engine speed, Lz = permissible length, La = shortest length