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

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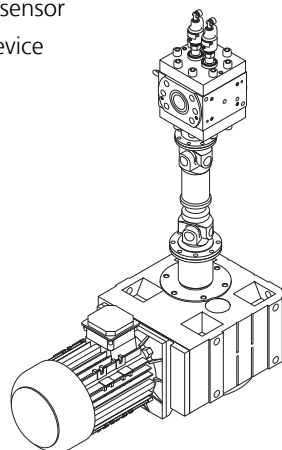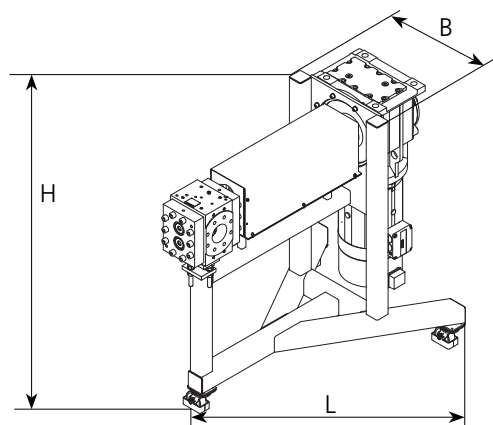
Cart size	Length l [mm]	Width w [mm]	Height h [mm]	Mean extrusion height [mm]
I	1,333	955	1,410	1,100 ± 50
II	1,731	1,320	1,735	1,400 ± 50

Size	Throughput	Cart	Drive component				
	[kg/h]	Size	P [kw]	n_2 ratio [rev/min]	n_1 ratio [rev/min]	gear ratio	max. torque [Nm]
56	< 150	I	7.5	50	1,460	29.0	1,362
70	< 250	I	15.0	46	1,470	31.5	2,942
90	< 450	II	22.0	42	1,465	34.7	4,725
110	< 750	II	30.0	30	1,455	48.0	7,920

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

P = speed, n_2 = pump speed, n_1 = engine speed, Lz = permissible length, La = shortest length

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pump systems

Global contacts, see **www.maag.com**
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