



## PROVIDES SIMULTANEOUS DRUM UNLOADING WITH A **MATERIAL UTILIZATION RATE OF UP TO 99.5%\***

The LSR eTwin represent the latest generation of 1:1 mixing and metering plants for Liquid Silicone Rubber. Constantly increasing demands for smaller shot sizes, higher productivity and quality require reliable processing equipment and an appropriate quality control. By working closely with our business partners, such as injection molding machine manufacturers as well as material manufacturers and processors, we can convince with following characteristics:

- **Great level of operator comfort**
- **Higher efficiency**
- **Significant cost savings**

## STANDARD FEATURES

- **Material savings & increased efficiency:**

Approx. 50% material savings compared to other electrical driven pumps, thanks to optimized follower plate incl. automatic de-aeration and optional pneumatic drum support. Simultaneous drum emptying possible. Roll-in device and drum locks for easy drum change, optional **airtract** automatic pump de-aeration.

- **High productivity & quality:**

**addControl** - Additive metering control unit meters and controls exact color amount.

- **Industry 4.0 ready:**

Flexible and future-oriented OPC-UA interface to provide all process data in a standardized format.

- **Comfortable operation & high process reliability:**

Intuitive controls and direct visibility of the process status.

- **Energy savings:**

Servo-driven scoop-piston pumps save up to 80% energy compared to air-driven pumps.

- **Small footprint:**

Compact design, easily moveable with forklift or hand truck.



Optional **airtract** pump de-aeration system with material recirculation allows up to 90% material savings compared to manual venting.



Automatic aeration system for fast, safe and clean drum exchange.



Optional pneumatic drum support. Helps to save additional 50% of residual material.

## LSR eTwin 20

### OPTIONS

- Dosing of one or two additives / colours
- New adjustable valve for colour dosing
- **addControl** - Additive metering control system for one colour
- Special voltage upon request
- Processing unit with static mixer in different sizes
- Cooling for mixing unit

Dimensions	Length	Width	Height
Basic machine / Ram	800 mm	750 mm	1,900 mm
Mixing ratio according to volume	1:1		
Maximum dyn. operating pressure	200 bar		
Connected loads electrical	3x 400 V + N + PE		
Frequency	50 Hz		
Power rating (total)	3.5 kW		
Weight	approx. 200 kg		



## LSR eTwin 200

### OPTIONS

- Dosing of one or two additives / colours
- New adjustable valve for colour dosing
- **addControl** - Additive metering control system for one colour
- **airtract** - Automatic pump de-aeration system
- Drum lifter for 200 ltr drums
- Light-weight-housing
- Special voltage upon request
- Processing unit with static mixer in different sizes
- Cooling for mixing unit
- 20 ltr. follow-up plates

Dimensions	Length	Width	Height
Basic machine / Ram	1,250 mm	960 mm	2,020 mm
in extended position	1,250 mm	960 mm	2,600 mm
Mixing ratio according to volume	1:1		
Maximum dyn. operating pressure	200 bar		
Connected loads electrical	3x 400 V + N + PE		
Frequency	50 Hz		
Power rating (total)	3.5 kW		
Weight	approx. 600 kg		

