

# Ecostar evo

The Ecostar evo is a series of manual two-component metering and mixing systems, based on the successful Ecostar line. It provides you a set of new features and improvements.

The new boom features a higher flexibility in workspaces and extends the working radius, by enabling movements in two planes, significantly. Furthermore, the space requirement of the machine was significantly reduced, thus it is one of the most compact bonding systems on the market.

In particular, the new mixing unit convinces by a slower maintenance requirements and cleaning cycles. On one hand thus reduce idle time, on other hand it also will increase your productivity.

## STANDARD FEATURES

- Adjustable mixing ratios
- Optimal platen design for lowest drum residues
- Proven RT-pump sealing system for minimum maintenance
- Encapsulated design for higher operator safety and lowest noise
- Flexible boom design (Optionally with manipulator)
- New Alpha Mix, optimized for easy cleaning and maintenance
- 200 ltr. drum garage for ergonomic exchange
- Drum low/empty warnings for A and B component
- Pot life and mixer service life adjustable

THE **ECOSTAR EVO**-SERIES IS ONE OF THE MOST **RELIABLE** MANUAL TWO-COMPONENT METERING AND MIXING SYSTEMS, WHICH IS USED ESPECIALLY IN **FLEXIBLE WORKSPACES**

Optional Manipulator



# Ecostar evoclass

Powerful 2K meter mix plant for most common applications.

## OPTIONS

- Manipulator for comfortable operation
- Heated version for component A
- Cartridge filler device
- 200 ltr. drum feeder for component B (PU)
- Various boom and hose extensions
- Rinsing pump for cleaning solvent
- Freezer

Dimensions	Length	Width	Height
Basic machine / Ram	1,250 mm	970 mm	1,890 mm
Mixing ratio according to volume	6:1 to 14:1		
Output (Depending on pressure, material viscosity and rheology)	1,800 to 1,960 cm <sup>3</sup> /min approx. 2,500 g/min (Polysulfides)		
Maximum dyn. operating pressure	300 bar		
Connected loads electrical	3x 400 V + N + PE		
Frequency	50 Hz		
Power rating (total)	3.8 kW		
Weight	approx. 590 kg		

# Ecostar evoair

Economic 2K meter mix plant with air motor for reduced output requirements.

## OPTIONS

- Manipulator for comfortable operation
- Cartridge filler device
- 20 ltr. pail feeder for Components A and B (Ecostar evoair 20)
- 200 ltr. drum feeder for component B (PU)
- Various hose extensions
- Rinsing pump for cleaning solvent
- Freezer

Dimensions	Length	Width	Height
Basic machine / Ram	1,250 mm	970 mm	1,890 mm
Mixing ratio according to volume	6:1 to 19,5:1		
Output (Depending on pressure, material viscosity and rheology)	1,440 to 1,560 cm <sup>3</sup> /min approx. 2,000 g/min (Polysulfides)		
Maximum dyn. operating pressure	300 bar		
Connected loads electrical	3x 400 V + N + PE		
Frequency	50 Hz		
Power rating (total)	2.5 kW		
Weight	approx. 550 kg		



# Ecostar evomax

2K meter mix plant for maximum output requirements.

## OPTIONS

- Manipulator for comfortable operation
- Heated version for component A
- Cartridge filler device
- 200 ltr. rum feeder for component B (PU)
- Various boom and hose extensions
- Rinsing pump for cleaning solvent
- Freezer

Dimensions	Length	Width	Height
Basic machine / Ram	1,250 mm	970 mm	1,890 mm
Mixing ratio according to volume	6:1 to 14:1		
Output (Depending on pressure, material viscosity and rheology)	5,600 to 6,125 cm <sup>3</sup> /min approx. 4,000 g/min (Polysulfides)		
Maximum dyn. operating pressure	300 bar		
Connected loads electrical	3x 400 V + N + PE		
Frequency	50 Hz		
Power rating (total)	6.5 kW		
Weight	approx. 620 kg		



# Ecostar evoplus

For processing of additional booster/accelerator materials a Ultra Mix Plus handgun is included.

## OPTIONS

- Manipulator for comfortable operation
- Heated version for component A
- Cartridge filler device
- 200 ltr. drum feeder for component B (PU)
- Various boom and hose extensions

Dimensions	Length	Width	Height
Basic machine / Ram	1,250 mm	970 mm	1,890 mm
Mixing ratio according to volume	6:1 to 14:1		
Output (Depending on pressure, material viscosity and rheology)	1,800 to 1,960 cm <sup>3</sup> /min approx. 2,500 g/min (Polysulfides)		
Maximum dyn. operating pressure	300 bar		
Connected loads electrical	3x 400 V + N + PE		
Frequency	50 Hz		
Power rating (total)	3.8 kW		
Weight	approx. 590 kg		

## FURTHER PRODUCTS

### Dynamic Mix 3.0

Dynamic mixer with disposable mixing chamber and two component swivel joint for integration into glass sealing plants.



### Alpha Mix

Optimal static mixer for use with piston pump metering.



### Cartridge Filling Device

Comfortable and easy material filling into reuseable cartridges.



### Freezer

Freezing and thawing device for mixed two-component materials.

