

UltraEco

The benchmark for lightweight truck-mixers



Nominal volume:	9 m ³
Geom. drum volume:	15,000 l
Water line:	10,200 l
Weight of mixer:	3,250 kg



RECORD BREAKING ENGINEERING

UltraEco

The benchmark for lightweight truck-mixers

The new Stetter truck-mixer for EURO 6 vehicles.
High payload and low emission.

Why UltraEco?

Since the beginning of 2014 Europe has emission standard EURO 6 for trucks and busses. In order to meet the tightened limit values of the new emission standard for nitric oxides and soot particles, additional components in the exhaust cleaning system of the vehicles are required beside additional modifications. This results in an increase of the vehicle's weight by up to 300 kg. Higher vehicle weight means less payload. And less payload means less turnover for your fleet.

In order not to lose turnover for more environmental protection, our engineers have developed a completely new weight-optimized truck mixer body: UltraEco. Transport of 8 m³ concrete is possible with the UltraEco truck mixer body in combination with an also weight-optimized EURO6 8x4 vehicle. Thus only emissions are reduced, not the sales volume.

The way.

Many small steps lead us to the target. With the following we have reached what was our aim: a mixer body perfectly combining cost effectiveness and environmental protection.

Truck mixer gearbox CML ZF Ecomix II

- Approx. 24 % less weight compared to conventional mixer drive systems
- Sevrall flexible bearings for better performance
- Lifetime oil-filling for less maintenance

Weight-optimized mounting parts and options

- Rear underride-guard
- Aluminium mudguards over the rear axles
- Plastic extension chutes
- Aluminium water tank (option)
- Aluminium ladder (option)

Truck mixer body

Once again optimized in weight with long lifetime.
Made of hardened high-strength steel.

- Drum walls 400 HB (Brinell)
- Mixing spirals 500 HB (Brinell)
- Wear protection on mixing spirals (flush welding seams) 500 HB (Brinell)

Frame of the truck mixer body

Fabrication from high-quality S 500 MC-steel and the optimized construction result into a considerable weight reduction of the frame.

The result.

Is impressive. The weight of the UltraEco basic version totals to not more than 3,250 kg. 8 m³ concrete (with 2.35 t/m³) can be transported economically when mounted onto a weight-optimized 8x4 vehicle. No need to miss anything. Above all not the usual high robustness and long lifetime of a Stetter Truck Mixer.

Not only low weight.

Weight is not all. Therefore also the UltraEco provides for all advantages of a Stetter Truck Mixer. For instance the comfortable and easy-to-operate control system SMART-CONTROL (Option). It makes for reduction of wear reducing the fuel consumption at the same time.

Technical Data

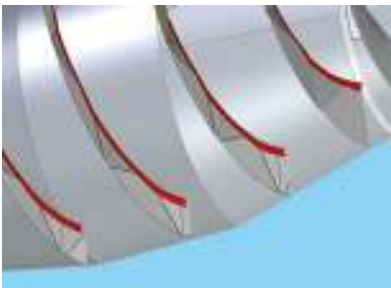
Mixer Type	AM 9/8 FHC – UltraEco	
Nominal volume	m ³	9 m ³
Geom. drum volume	l	15.000 l
Water line	l	10.200 l
Fill ratio	%	60
Drum inclination	deg.	12,45
Drum speed	rpm	0 – 12/14
Weight of mixer*	kg	3250
Drum diameter	mm	2300
Height of feed hopper**	mm	2546
Clearance height**	mm	2546

* Weight indications completely mounted/ready for operation acc. to DIN 70020, deviation +/-5%
 ** without frame
 Subject to technical modification.



Truck Mixer Gearbox CML ZF Ecomix II

- low weight
- robust
- easy maintenance thanks to lifetime oilfilling



Truck mixer drum made of hardened high-strength wear-resistant steel

- Wear protection on top edge of the mixing spiral
- Flush welding seams, no premature wear caused by concrete abrasion



Control system Stetter SMART-Control (Option) Drum speed control follows the diesel engine rev setting

- Considerable reduction in diesel consumption and noise
- Significant reduction in wear

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ALWAYS CLOSE TO YOU



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