

Heavy Duty Line

Truck-mixer

Heavy Duty Line



Nominal volume	6 - 12 m ³
Geom. drum volume	11,530 - 19,170 l
Water line	7,180 - 13,280 l
Weight of mixer	3,590 - 4,960 kg
	7,910 - 10,930 lb



RECORD BREAKING ENGINEERING

The Heavy Duty Line from Stetter

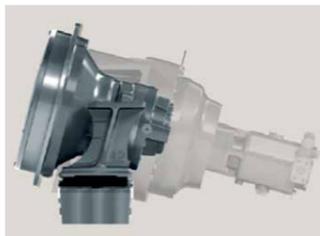
Maximum service life

Even under the toughest operating conditions, the Heavy Duty Line truck mixers experience only low wear. This is due to the use of high-strength steels and a patented manufacturing process. Compared to standard truck mixers, the mixing drum of the Heavy Duty Line truck mixers has a significantly longer service life. The extra payload is provided by the weight-optimised 9 m³ truck mixer UltraLife. The reduced body weight means that 7.5 m³ of fresh concrete can be safely transported with the truck mixer's permissible total weight of 32 tonnes. The Heavy Duty Line from Stetter: long-lasting economy.



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Guaranteed reliability
Stetter's standard 8-year warranty against premature wear on the mixing drum and mixing spirals provides security when it comes to wear costs (please note the conditions on page 6).



Truck mixer gear

The Heavy Duty Line truck mixers come equipped with truck mixer transmissions only from renowned manufacturers, such as ZF's Ecomix II CML. Their robustness and performance guarantee a long service life and low maintenance costs, even in tough construction site conditions.



Hardness against wear

The Heavy Duty Line mixing drum is made of high-strength, 5 mm thick steel. The mixing spirals (4.5 mm) and edge protection (6 mm) are made of wear-resistant Hardox 500. Maximum hardness for minimum wear.

No stress

Before being welded into the mixing drum, the mixing spirals are precisely curved so as to follow the contour of the mixing drum even before they are installed. The shaped mixing spirals can then be installed and welded with virtually no tension. This patented procedure relieves stress on the welding seams and extends the lifetime of the mixing spirals.



Strong base

The frame of the truck-mixer is manufactured from high-quality S 500 MC steel. Coupled with the intelligent design, this allows weight to be reduced significantly while still retaining high stability and robustness.



Even lighter on request

More payload as standard: the weight-optimised under ride protection on the rear, the plastic extension chute and the aluminium fender reduce the weight of the UltraEco right out of the factory. The payload can be increased even further upon request with an aluminium water tank and aluminium ladder.



Heavy Duty Line Truck-mixer

Options



Plasticiser system 60 l (compressed air)



Ladder platform with step and railing elevation



Retainer flap swivel chute



LED work lights below the ladder pedestal



LED auxiliary headlights at the rear (2 pieces)



Hydraulically tilted filling hopper (allows high pressure cleaning of the mixing drum)



Storage box, lockable



Drum cover (3/4 or full lock)



Reversing camera

More options

Aluminium compressed air tank (300 l / 400 l)

Gravity plasticiser, 42 l

Electronic truck mixer control unit SMART Control 3.0

Bracket for liquid concrete pipe (5 m long)

Fender enlargement

Base frame coverage

Discharge protection for the swivel chute

Transition piece to the flowing concrete pipe

Standard equipment

Compressed air water system

Mechanical mixer operation (option: SMART Control 3.0)

Spraying hose on the rear of the machine (10 m)

Spraying hose on the stand (2 m)

SMART Control 3.0 – The intelligent mixer control

The convenient and easy to use optional mixer Smart control provides a constantly low drum speed (Constant speed drive) – regardless of the speed of the truck mixer. By avoiding unnecessary drum revolutions, drum wear and fuel consumption are noticeably reduced and revenue per load increases. Typical processes such as loading and filling of concrete buckets are simplified and sources of error minimized, meaning greater economy and faster operation.



Rear module



Driver's cab module

Features

- Stepless, ergonomic single-lever operation
- Memory function integrated in the operating lever (accessing of the last stored rotational speed; e.g. makes it easier to fill concrete buckets)
- Two freely selectable drum rotation speeds (constant speed drive) can be called up at the touch of a button (e.g. for loading and unloading, addition of plasticiser etc.)
- Start-stop function for the diesel engine
- The control of optional hydraulic functions (drum cover, chute adjustment)
- Switching the optional LED worklights on and off

Advantages

- Lower operating costs due to reduced fuel consumption
- Lower service costs due to reduced wear of the mixing drum
- Low noise emissions

Technical Data

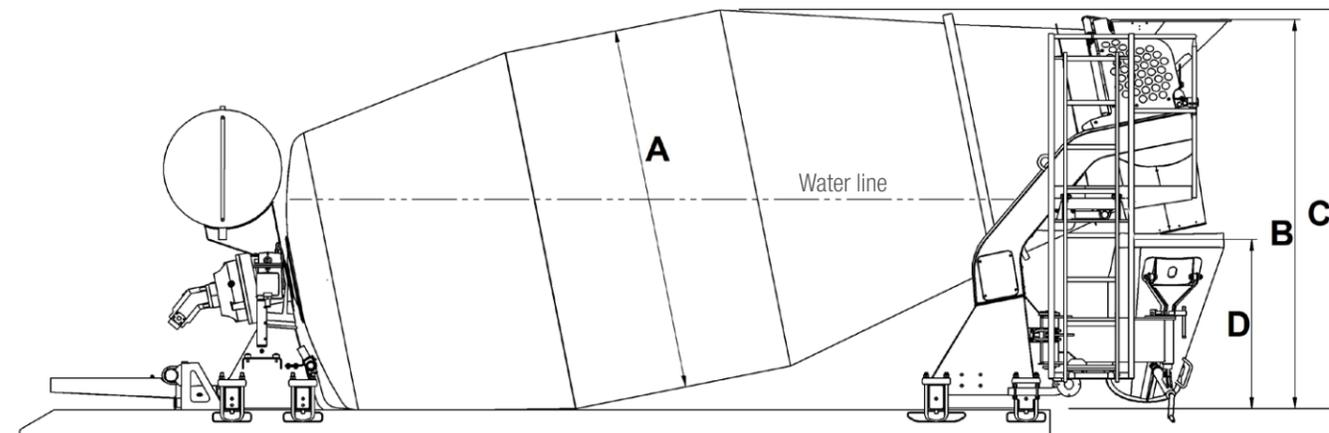
Mixer type		AM 6 C	AM 7 C	AM 8 C
Nominal volume	m ³	6	7	8
Geom. drum volume	l	11,530	12,710	14,120
Water line	l	7,180	8,150	9,340
Fill ratio	%	52	55.1	56.7
Drum inclination	deg.	12.45	12.45	12.45
Drum speed	rpm	0 - 12/14	0 - 12/14	0 - 12/14
Drum diameter	A mm	2,300	2,300	2,300
Mixer weight*	kg	3,590	3,690	4,050
Height of feed hopper**	B mm	2,425	2,425	2,499
Clearance height**	C mm	2,429	2,426	2,503
Discharge tray transfer height**	D mm	1,029	1,027	1,101
Warranty***	years	8	8	8

	AM 9 C	AM 9 C UltraLife	AM 10 C	AM 12 C
Nominal volume	9	9	10	12
Geom. drum volume	15,810	15,000	17,040	19,170
Water line	10,390	10,200	11,400	13,280
Fill ratio	56.9	60	58.7	62.6
Drum inclination	11.20	12.45	11.20	10.00
Drum speed	0 - 12/14	0 - 12/14	0 - 12/14	0 - 12/14
Drum diameter	2,300	2,300	2,300	2,400
Mixer weight*	4,197	3,670	4,290	4,960
Height of feed hopper**	2,474	2,546	2,532	2,548
Clearance height**	2,534	2,546	2,592	2,633
Discharge tray transfer height**	1,089	1,145	1,147	1,169
Warranty***	8	8	8	8

*Weight specifications when completely assembled / ready for operation according to DIN 70020, deviation +/- 5 %

**without base frame

***covering premature wear on the mixing drum and the mixing spirals when using the truck-mixer in connection with precast concrete plants, for single-shift operations when transporting concrete in the amount of up to 8,000 m³/year, and when conducting a free annual inspection of the mixing drum at a SCHWING-Stetter service centre





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Stetter truck-mixers
The benchmark for efficiency.



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