

SCHWING-STETTER **ALWAYS CLOSE TO THE CUSTOMER.**

TRUCK MIXERS

Summary



Subject to technical and dimensional modifications.
Photos are not binding.
The exact scope of the delivery is listed in the offer.



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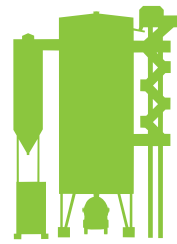


SCHWING-STETTER MOVES CONCRETE. **WORLDWIDE.**

Wherever concrete is produced and moved is where you will find Schwing-Stetter machinery.

With plants in Germany, Austria, USA, Brazil, Russia, China and India as well as with more than 100 sales and service facilities, the group of companies is always close to the customer.

Our wide range of products with something for every application is what makes Schwing-Stetter the No. 1 system supplier for concrete machinery worldwide.



CONCRETE BATCHING PLANTS



TRUCK MIXERS



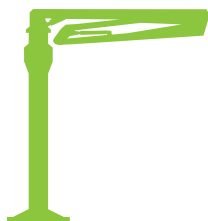
TRUCK-MIXER CONCRETE PUMPS



TRUCK-MOUNTED CONCRETE PUMPS



STATIONARY CONCRETE PUMPS



SEPARATE PLACING BOOMS



CONCRETE RECYCLING PLANTS



SLUDGE PUMPS

STETTER TRUCK MIXERS - **C3.** QUALITY IN A NEW „LOOK“.

Not only that our successful truck mixer series Basic Line, Light Line and Heavy Duty Line have been given a “new look”; During all our developments we mainly focus on safety, quality, ease of operation and maintenance and of course on economic efficiency. What is new:

- Large geometric drum volumes combined with optimized water lines provide for safety and quality during concrete transport.
- Optimizing in design and accessories reduces the body weights thus giving higher payload for economic concrete transport.
- Easy to handle arrangement of all operating elements and accessories.
- Beside all our engineers of course also always concentrate on ease of service and repair.

BASIC LINE:

Mature technology in functional design.



LIGHT LINE:

Weight-optimised truck mixers for a maximum payload.



HEAVY DUTY LINE:

Low wear, long lifetime, also under rough application conditions



TRAILER LINE:

Flexibility and maximum utilisation of admissible vehicle gross weights.



BASIC LINE - C3

Mature technology in functional design.



With Stetter Truck Mixers C3-Version the time for filling, discharging and cleaning is reduced to a minimum. Reasonable details facilitate service.

Stetter Truck Mixers of the Basic Line can be supplied with mechanical or electronic mixer control unit (Stetter SMART-Control).

Reliable drive components guarantee smooth operation. Truck Mixers of the Basic Line are available in nominal volumes of 6 to 15 m³ - of course also with drive via a separate engine.

- Large loading volume thanks to high water lines
- Optimum driving characteristics thanks to low center of gravity of the mixer
- Wear-resistant plates in feed hopper, discharge shell and slewable discharge chute
- 5 mm mixing spirals in the main wear zones
- Stetter T-protect wear protection (30 x 8 mm) on the mixing spirals
- Large clearance for concrete discharge into big crane buckets or concrete storage silos
- Easy to clean thanks to smooth rear wall surfaces of the discharge trestle
- Easy to service thanks to bolted feed and discharge components and simply replaceable wear parts

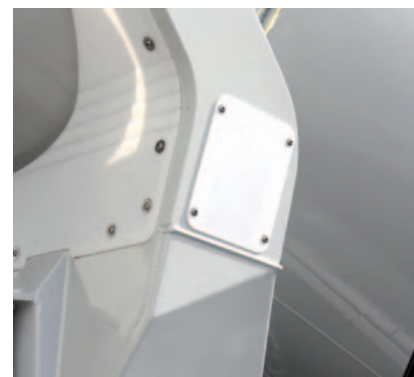
Simple and fast cleaning thanks to smooth rear wall surfaces.



The 1,450 mm long swivel chute facilitates discharge into the concrete pump hopper.



Optimum clearance for the discharge of concrete into big crane buckets and concrete storage silos.



Simple change of the carrying rollers thanks to mounting and dismounting from the side

LIGHT LINE - C3

Weight-optimized truck mixers for maximum payload.

At the same time increased lifetime of mixer drum shell and mixing spirals.

- considerably longer lifetimes as with conventional lightweight mixers.

An optimised drum geometry and arrangement of the mixing spirals as well as additional weight-reduced equipment are the reason for an extremely light mixer body. A payload of up to 8 m³ concrete can be reached in combination with “low-weight” 4-axle vehicles.

The new mixing spirals which a patent was applied for enable the application of the highest-strength wear resistant steels available in the market.

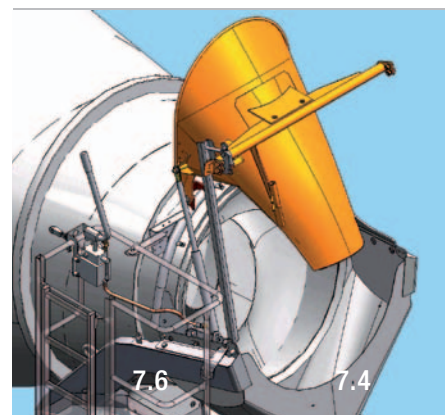
Beside a higher payload, this does also mean a substantially longer lifetime compared to all known light-weight versions. For economic transport of concrete over many years.

- Drum walls made of high-strength wear resistant steel with a hardness of approx. 300 HB (Brinell)
- Mixing spirals made of hardened high-strength wear resistant steel with a hardness of approx. 500 HB (Brinell)
- Wear protection (5/6 mm) made of hardened high-strength wear resistant steel with a hardness of approx. 500 HB (Brinell)

The result:

- Approx. 10 % more payload
- Extremely extended drum lifetime
- Most economic transport of concrete

Simple and fast cleaning thanks to smooth rear wall surfaces.



Feed hopper with bolted cross tube allows swivelling the feed hopper aside to simplify cleaning of the mixing drum.(Option)



Water tank made of aluminium (option) – saves weight of approx. 100 kg compared to a steel tank of the same size.



Ladder platform and ascent ladder made of aluminium (option) for further weight optimizing and comfortable handling.

HEAVY DUTY LINE -C3

Low wear and long lifetime even under the roughest application conditions. Twice the lifetime of the mixing spirals of standard machines. Economic concrete transport over many years.



Stetter truck mixers of the Heavy Duty Line are laid out for highest demands such as mixing in connection with dry batching plants or for extremely large ready-mix concrete quantities.

The new patented arrangement of mixing spirals enable the application of the highest-strength wear resistant steels available in the market. Thus the lifetime of the mixing spirals compared to all known systems is extended extremely.

For this reason low expense for wear parts even with highest load of the truck mixer make for an economic transport of concrete over many years.

- Mixing spirals (5 mm) made of hardened high-strength wear resistant steel with a hardness of approx. 500 HB (Brinell)
- Wear protection (6/8 mm) made of hardened high-strength wear resistant steel with a hardness of approx. 600 HB (Brinell)

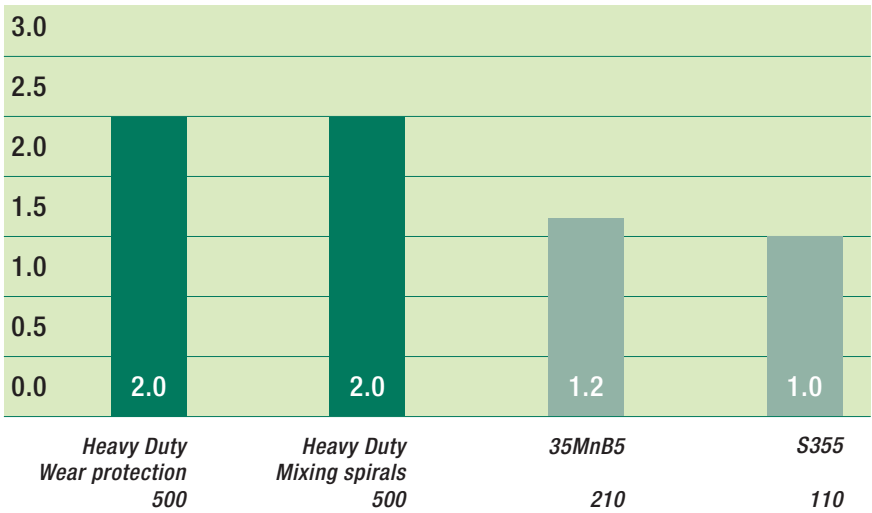
The result:

- Extended lifetime of the mixing spirals up to factor 2.3
- Cost-effective full-service rates
- Economic transport of concrete over many years



The new patented arrangement of mixing spirals makes for a considerably longer lifetime, even with highest load.

WEAR RESISTANCE FACTOR – MIXING SPIRALS



approx. values [HB]

TRAILER LINE -C3

Flexibility and max. utilization of the admissible total weight.
Weight-optimized for maximum payload.



Truck Mixer body and semi-trailer have been optimally coordinated to form a compact unit. Low dead weights and low centers of gravity provide for a high loading volume, high payloads as well as optimum driving characteristics.

Stetter Trailer Line Mixers are built in modular construction and can therefore be optimally adapted to the individual truck tractor unit.

The semi-trailers can be supplied as 2 or 3-axle versions with 9 or 10 tons technically admissible axle load.

They are equipped with disc brakes, ABS-sensed axles, EBS and RSS system, air suspension and the function "Lifting/Lowering".

Truck Mixers are available in nominal volumes of 10 m³ and 12 m³.

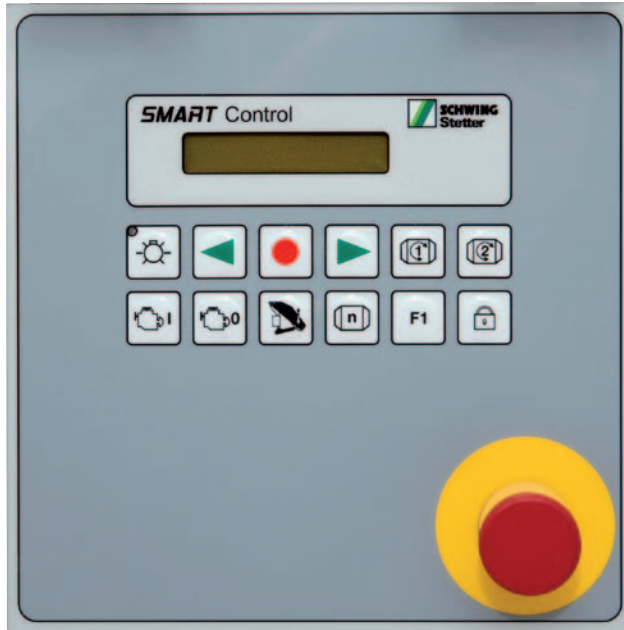
Stetter Truck mixer AM 10 FHAC-Light Line - a highlight. A weight-optimized 2-axle-semi-trailer in compact design. The low deadweight combined with the application of hardened materials in the mixing drum provides high payload and long lifetime at the same time.



Smooth rear wall surface of the discharge trestle for simple and fast cleaning Large clearance for the discharge of concrete.

SMART CONTROL – INTELLIGENT MIXER CONTROL SYSTEM

Reduces diesel consumption, reduces wear,
avoids unnecessary noise.



Rear module



Driver's cab module



Rear module with single-lever operation

- Infinitely variable ergonomic single-lever operation
- Memory-function integrated in the operating lever
- Adjustable automatic subsequent mixing function
- Two constant-speed-drive speeds (freely programmable)
- Start-stop function for the diesel engine
- Control of up to 3 working lights
- Two-line display
- Illuminated operating keys adjustable in luminosity
- Display of the working data (drum revolutions, operating hours)
- Display of the service intervals

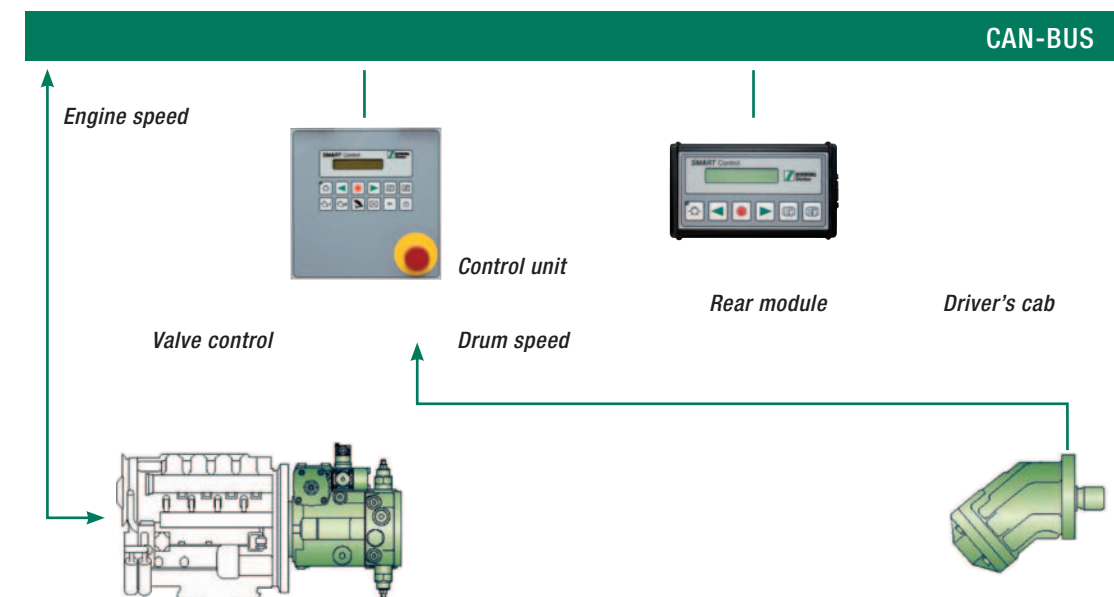
SMART Control is a new intelligent control system to set the speed of the truck mixer drum. The functions of the drum control system are selected via a keypad. Amongst others, the two-line text field provides for the display of the current drum speed, the operating hours and the maintenance information for the truck mixer unit. The most economic working point is automatically selected with the drum speed parameter for filling and discharging considering the engine characteristics of the diesel engine. As a rule, this point is located in the lower speed range.

□ Significant reduction of diesel consumption and noise

During driving the current diesel engine speed is registered via the vehicle's CAN-bus or via a speed sensor and considered as disturbance for faster adjustment and keeping of a constant drum speed (CSD – constant speed drive)

□ Clear reduction of wear

Two drum speeds can be permanently programmed by the operator. After a stop, the integrated memory function allows the return to a set drum speed. This is an advantage when discharging stepwise.



OPTIONAL EQUIPMENT

Tried-and-tested and suited to the application.



Hinged part made of steel
Equipped with shackle for safe folding.



Hinged part made of plastic
Equipped with a shackle for safe folding. Thanks to its low dead weight, extension of the swivel chute is simplified. Two additional plastic extension chutes can be added.



Plastic extension chute
The low weight (per chute: approx. 9 kg only) helps in routine operations and saves weight in the overall superstructure. Up to two chutes can be hung one in another.



Retention flap for swivel chute
It prevents residual concrete from escaping and thus soiling the road during driving.



Hydraulic chute adjustment mechanism
The hydraulic chute adjustment mechanism facilitates raising and lowering of the swivel chute.



Adapter piece: Flow concrete pipe
The adapter piece enables connection of additional delivery pipes for the pouring of flow concrete.



Attachment for flowing concrete pipes
For transport of plastic pipes (DN 200) in lengths of 3 or 5 m provided by customer.



Admixture system in compressed-air version
For filling plasticizer directly into the truck mixer. The pressurized admixture tank (tank size 60 l) is available in steel or stainless steel.



Admixture system in gravity version
For filling plasticizer directly into the truck mixer. Tank capacity 42 litres.



Support for mortar buckets
Stacking device for mortar buckets with rapid-clamping closures.

OPTIONAL EQUIPMENT

Tried-and-tested and suited to the application.



Halogen floodlight

At the rear of the machine for illuminating the unloading area.



Working searchlight

Mounted below the ladder platform to illuminate the unloading area.



Widening of mudguards

Protects the truck mixer from severe soiling on and off the road. Recommended in conjunction with the frame covering.



Frame covering

The covering between the auxiliary frame protects the truck mixer from severe soiling on and off the road. Recommended in conjunction with the widening of the mudguards.



Stop valve in the feed line

For draining of the entire water system whenever there is a risk of frost.



Water meter

With scales for 500 or 1,000 litres for precise proportioning of water.



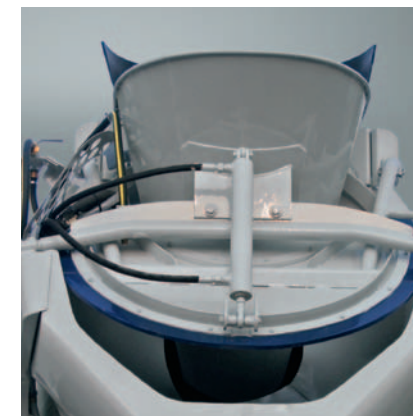
Slump meter

The pressure gauge shows the operating pressure of the hydraulic system and gives a reference value for the change in concrete consistency with unchanged loads.



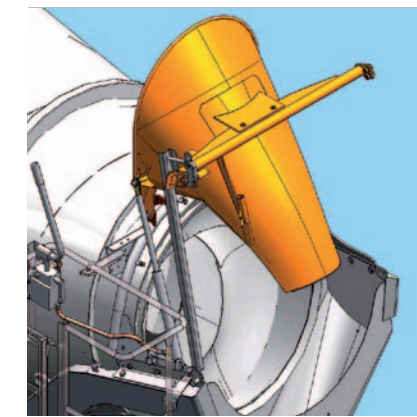
3/4-flap – Drum cover

It prevents liquid contents from spilling when the truck is started, braked or driven uphill.



Full-flap – Drum cover

It offers a maximum useable volume when transporting high-slump concrete and thus a higher efficiency.



Slewable feed hopper

provides free access (for instance for high-pressure cleaning equipment) to the drum inside

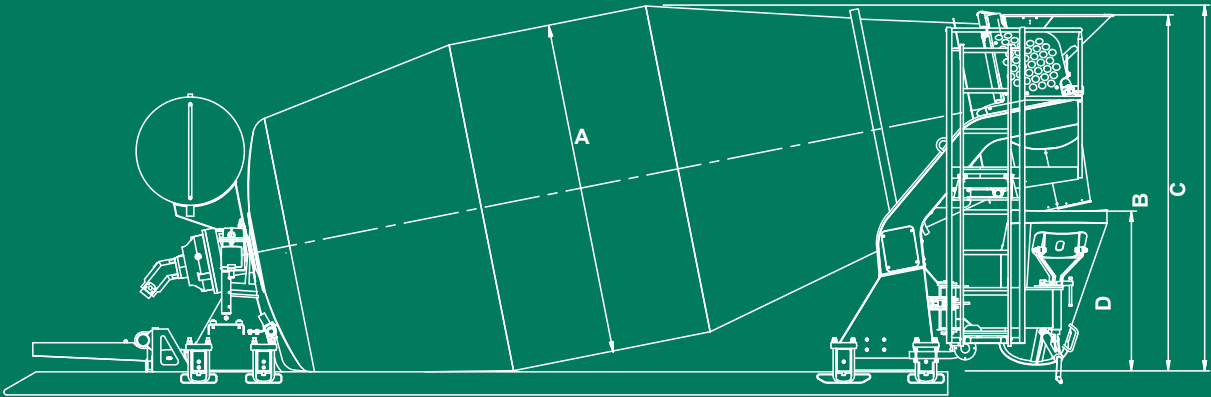
BASIC LINE - C3

INFORMATION AND TECHNOLOGY

With Stetter truck mixer of the C3-version the time spent on filling, discharging and cleaning is reduced to an economic minimum. Stetter truck mixers of the BASIC LINE are available with mechanical or electrical control unit.

Reliable drive components guarantee smooth operation.

The truck mixers of the BASIC LINE are available with a nominal volume of 6 – 15 m³ - of course also with drive via a separate engine.



	Type of truck mixer		AM 6 C	AM 7 C	AM 8 C	AM 9 C	AM 10 C	AM 12 C	AM 15 C
	Drive by vehicle engine		FH / -						
	Drive by separate engine		- / SH						
	Nominal volume	m³	6	7	8	9	10	12	15
	Total geometric volume	l	11530	12710	14120	15810	17040	19170	23520
	Water line	l	7180	8150	9340	10390	11400	13280	16330
	Fill ratio	%	52	55,1	56,7	56,9	58,7	62,6	63,8
	Drum inclination	degree	12,45	12,45	12,45	11,2	11,2	10	9,2
	Drive for SH-execution Deutz Diesel engine	Type kW	D914L04 58	D914L04 58	D914L05 75	D914L06 86,5	D914L06 86,5	D914L06 86,5	-
	Drum speed	rpm	0 - 12/14						
	Weight of mixer (FH/SH) ¹⁾	kg	3370 / 3780	3463 / 3870	3770/ 4350	3920 / 4550	3990 / 4620	4950 / 5580	5380
A	Drum diameter	mm	2300					2400	2400
B	Height of feed hopper *	mm	2425	2425	2499	2474	2532	2548	2568
C	Clearance height *	mm	2429	2426	2503	2534	2592	2633	2671
D	Transfer height of discharge shell *	mm	1029	1027	1101	1089	1147	1169	1211
	¹⁾ Weight indication completely mounted / ready for operation acc. to DIN 70020, tolerance +/- 5 %								

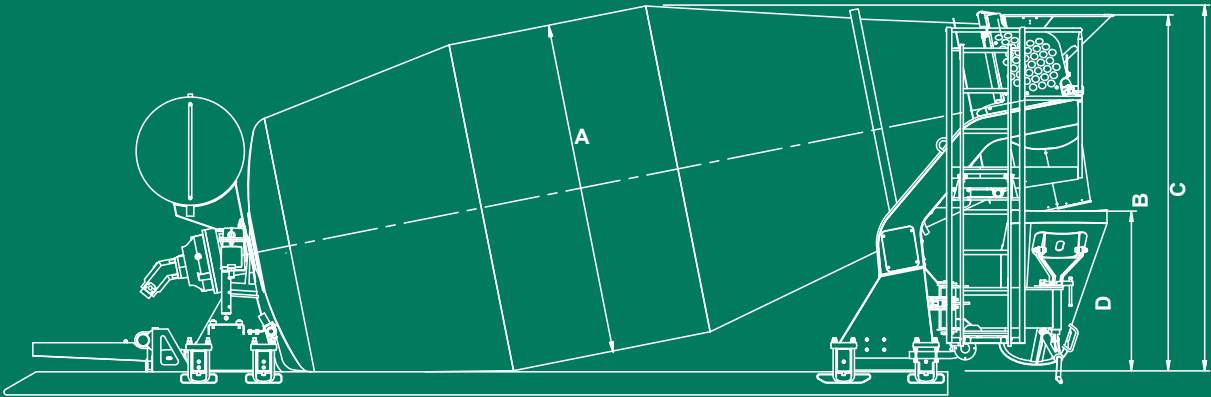
*without mixer body frame
Subject to technical modification serving the engineering process.

LIGHT LINE - C3

INFORMATION AND TECHNOLOGY

An optimised drum geometry and arrangement of the mixing spirals as well as additional weight-reduced equipment are the reason for an extremely light mixer body. A payload of up to 8 m³ concrete can be reached in combination with “low-weight” 4-axle vehicles.

The new arrangement of mixing spirals which is patented enable the unique application of the highest-strength wear resistant steels available in the market. Beside a higher payload, this does also mean a substantially longer lifetime compared to all known light-weight versions. For economic transport of concrete over many years.



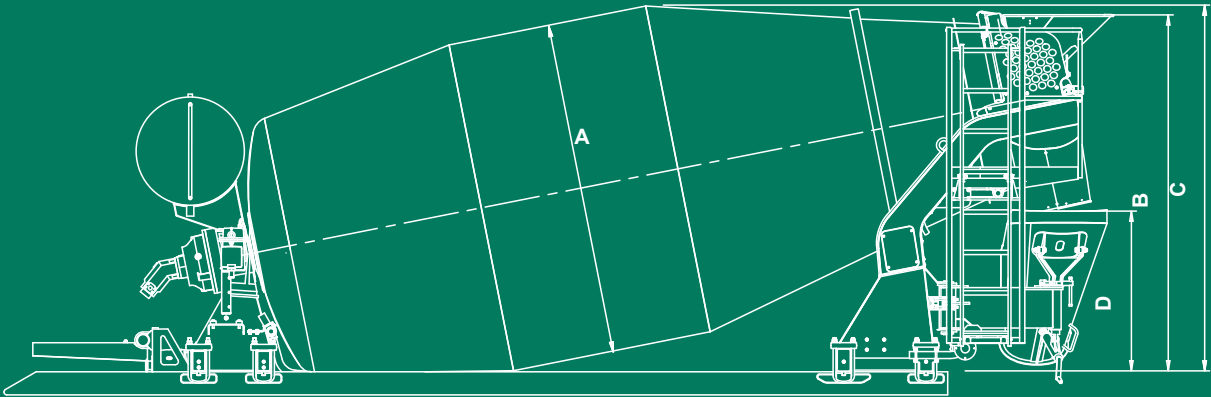
	Type of truck mixer		AM 7 C	AM 8 C	AM 9 C	AM 10
	Drive by vehicle engine		FH			
	Nominal volume	m³	7	8	9	10
	Total geometric volume	l	12710	14120	15810	17040
	Water line	l	8150	9340	10390	11400
	Fill ratio	%	55,1	56,7	56,9	58,7
	Drum inclination	degree	12,45	12,45	11,2	11,2
	Drum speed	rpm.	0 - 12/14			
	Weight of mixer (FH) ¹⁾	kg	3200	3370	3470	3550
A	Drum diameter	mm	2300			
B	Height of feed hopper *	mm	2425	2499	2474	2532
C	Clearance height *	mm	2426	2503	2534	2592
D	Transfer height of discharge shell *	mm	1027	1101	1089	1147
	¹⁾ Weight indication completely mounted / ready for operation acc. to DIN 70020, tolerance +/- 5 %					

* without mixer body frame
Subject to technical modification serving the engineering process.

HEAVY DUTY LINE - C3

INFORMATION AND TECHNOLOGY

Stetter truck mixer of the HEAVY DUTY LINE are laid out for highest demands such as mixing in connection with dry batching plants or for extremely large ready-mix concrete quantities. The new arrangement of mixing spirals which is patented enable the application of the highest-strength wear resistant steels available in the market. Thus the lifetime of the mixing spirals compared to all known systems is extended extremely. For this reason low expense for wear parts even with highest load of the truck mixer make for an economic transport of concrete over many years.



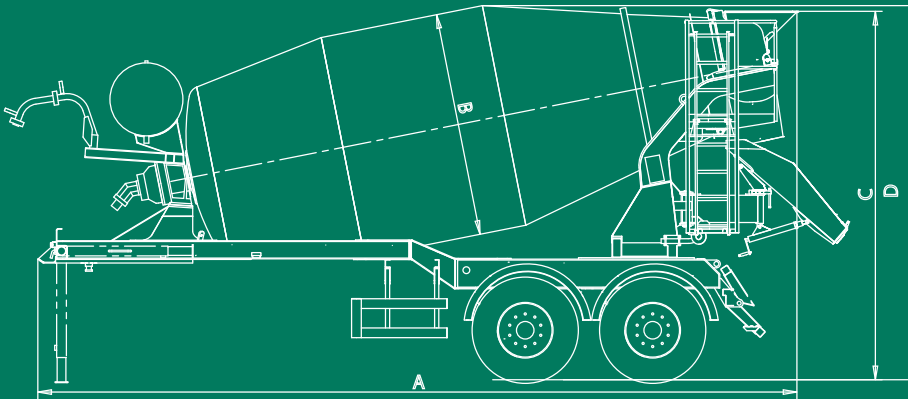
	Type of truck mixer		AM 6 C	AM 7 C	AM 8 C	AM 9 C	AM 10 C	AM 12 C
	Drive by vehicle engine		FH / -					
	Drive by separate engine		- / SH					
	Nominal volume	m³	6	7	8	9	10	12
	Total geometric volume	l	11530	12710	14120	15810	17040	19170
	Water line	l	7180	8150	9340	10390	11400	13280
	Fill ratio	%	52	55,1	56,7	56,9	58,7	62,6
	Drum inclination	degree	12,45	12,45	12,45	11,2	11,2	10
	Drive for SH-execution Deutz Diesel engine	Type kW	D914L04 58	D914L04 58	D914L05 75	D914L06 86,5	D914L06 86,5	D914L06 86,5
	Drum speed	rpm	0 - 12/14					
	Weight of mixer (FH) ¹⁾	kg	3590 / 4000	3690 / 4100	4050 / 4630	4197 / 4830	4290 / 4920	4960 / 5590
A	Drum diameter	mm	2300					
B	Height of feed hopper *	mm	2425	2425	2499	2474	2532	2548
C	Clearance height *	mm	2429	2426	2503	2534	2592	2633
D	Transfer height of discharge shell *	mm	1029	1027	1101	1089	1147	1169
	¹⁾ Weight indication completely mounted / ready for operation acc. to DIN 70020, tolerance +/- 5 %							

*without mixer body frame
Subject to technical modification serving the engineering process.

TRAILER LINE - C3

INFORMATION AND TECHNOLOGY

Stetter truck mixer on semi-trailers – the ideal complement. Truck mixer body and semi-trailer have been optimally coordinated to form compact units guaranteeing a high loading volume, high payloads and optimum driving characteristics thanks to a low center of gravity and extraordinary ease of maintenance.



	Type of truck mixer		AM 10 LL	AM 10 LL	AM 10 BL		AM 10 BL		AM 12 BL		AM 12 BL	
	Drive (PTO = FHA / separate engine = SHA)		FHA	SHA	FHA		SHA		FHA		SHA	
	Number of axles		2	2	2	3	2	3	2	3	2	3
	Axle distance	mm	1810		1310		1310		1310		1310	
	Technical admissible axle load	to	10		9		9		10	9	10	9
	Nominal volume	m³	10		10		10		12		12	
	Total geometric volume	l	17040		17040		17040		19170		19170	
	Water line	l	11400		11400		11400		13280		13280	
	Fill ratio	%	58,7	58,7	58,7		58,7		62,6		62,6	
	Drum inclination	degree	11,2	11,2	11,2		11,2		10		10	
	Drive for SHA-execution	Type / kW	Deutz-Diesel engine D914L06 / 86,5									
	Drum speed	rpm	0 – 12/14									
	Weight of mixer including semi-trailer**	kg	6220**	7300	6540**	7280	7600	8360	7450**	8280**	8500	9250
	Overall length	mm	7339	8452	7339	7726	8452	8502	7664	8176	8859	8859
	Drum diameter	mm	2300						2400			
	Height of feed hopper *	mm	3836						3845			
	Clearance height *	mm	3894						3931			
	Weight indication completely mounted / ready for operation acc. to DIN 70020, tolerance +/- 5 %											

* Depending on tires and turntable height (datas valid for loaded turntable height of 1.250 mm)

** without settle down supports and without hydraulic assy (250 kg) mounted on truck tractor

Subject to modification serving the engineering process.

STETTER TRUCK MIXERS

Wherever quality is in demand.

