

SCHWING-STETTER ALWAYS CLOSE TO THE CUSTOMER.



- Parent plant
- Production subsidiary
- Own/independent sales and service company

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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TRUCK MIXERS

Summary



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 MIXING PLANTS



TRUCK MIXER



TRUCK-MOUNTED CONCRETE PUMPS



STATIONARY CONCRETE PUMPS



SEPARATE PLACING BOOMS



CONCRETE RECYCLING PLANTS

STETTER TRUCK MIXERS.

QUALITY FOR ALL REQUIREMENTS.

Stetter truck mixers are the result of experience gained over decades accompanied by permanent advancement and optimization. They incorporate the know-how from a production of more than 60,000 truck mixers which have proved to be reliable all over the world. Stetter truck mixers are characterized by low-maintenance technology in a modern design, simple handling, cost minimising in maintenance and service, efficiency and excellent cost effectiveness.

Four product lines of the C or C+ version having nominal volumes of 6–15 m³, depending on the individual application, offer a highest possible advantage:

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

Mature technology in functional design.



Double dripping ring: even less soiling in the discharge trestle area

With Stetter truck mixers of the C and C+ version, the time spent on filling, discharging and cleaning is reduced to a minimum. You gain time – time to earn money.

Stetter truck mixers of the Basic Line are available with mechanical or electronic 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.

- **High loading volume** thanks to high water line
- **Optimum drive characteristics** thanks to a low center of gravity of the mixer
- **Wear-resistant plates** in feed hopper, discharge shell and swivel chute
- **5 mm mixing spirals** in the main wear zones
- **Stetter T-protect wear protection** (30 x 8 mm) on the mixing spirals



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

Simple and fast cleaning thanks to smooth rear wall surfaces.



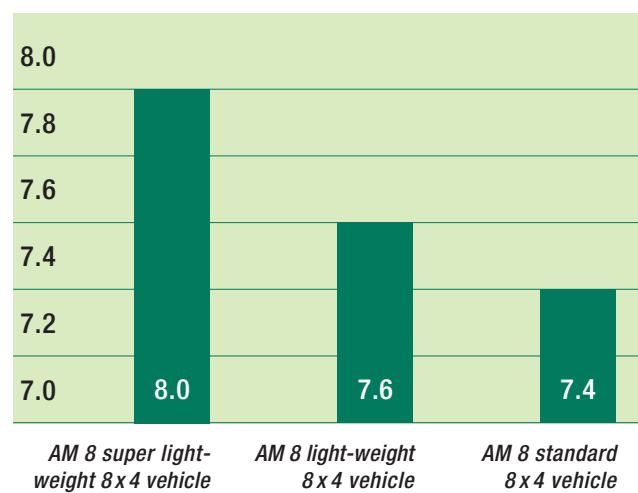
Optimum clearance for the discharge of concrete into big crane buckets and concrete storage silos.

LIGHT LINE

Weight-optimised truck mixers for a maximum payload.
Considerably longer lifetimes compared to conventional
light-weight machines.



PAYLOAD (m³)



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. 550 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.



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.

HEAVY DUTY LINE

Low wear and long lifetime,
also under rough application conditions



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

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 mixing spirals which a patent was applied for 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.

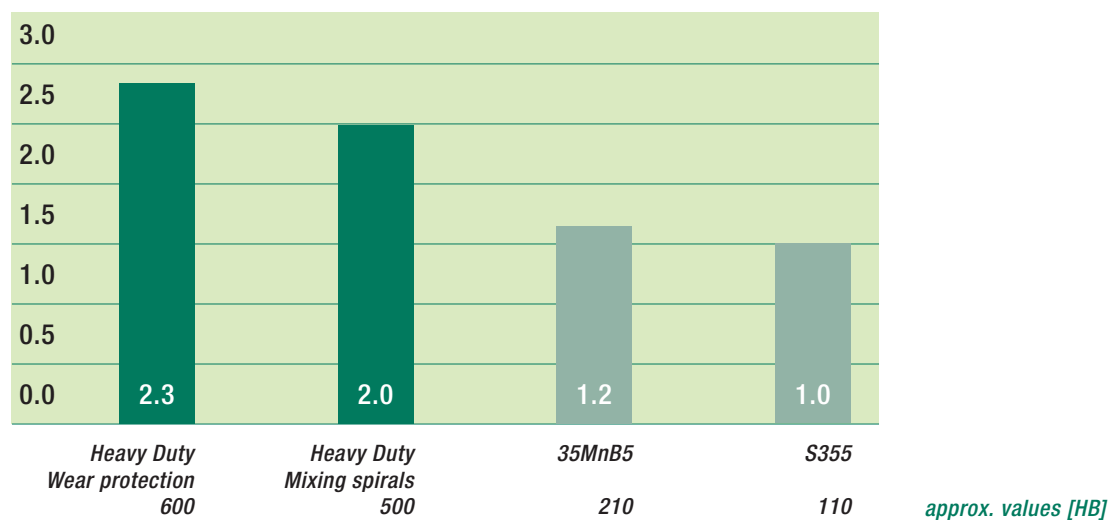
For this reason low expense for wear parts even with highest load of the truck mixer make for an economic transport of concrete over many years.

- 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

WEAR RESISTANCE FACTOR – MIXING SPIRALS



TRAILER LINE

Flexibility for the vehicle fleet. Maximum utilisation of the admissible vehicle gross weights. Stetter truck mixer on semi-trailers offer the ideal complement.



Axles retarded by disc-brakes and ABS.



Optional supports for empty loads in different executions.

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.

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

The semi-trailers are available as 2 or 3-axle versions with 9 or 10 tons technically permissible axle loads. **They are state of the art and have features such as axles retarded by disc-brakes and ABS, EBS-system, air suspension. Road stability system (RSS) upon request.**

The truck mixers are available with nominal volumes of 10 m³ and 12 m³.



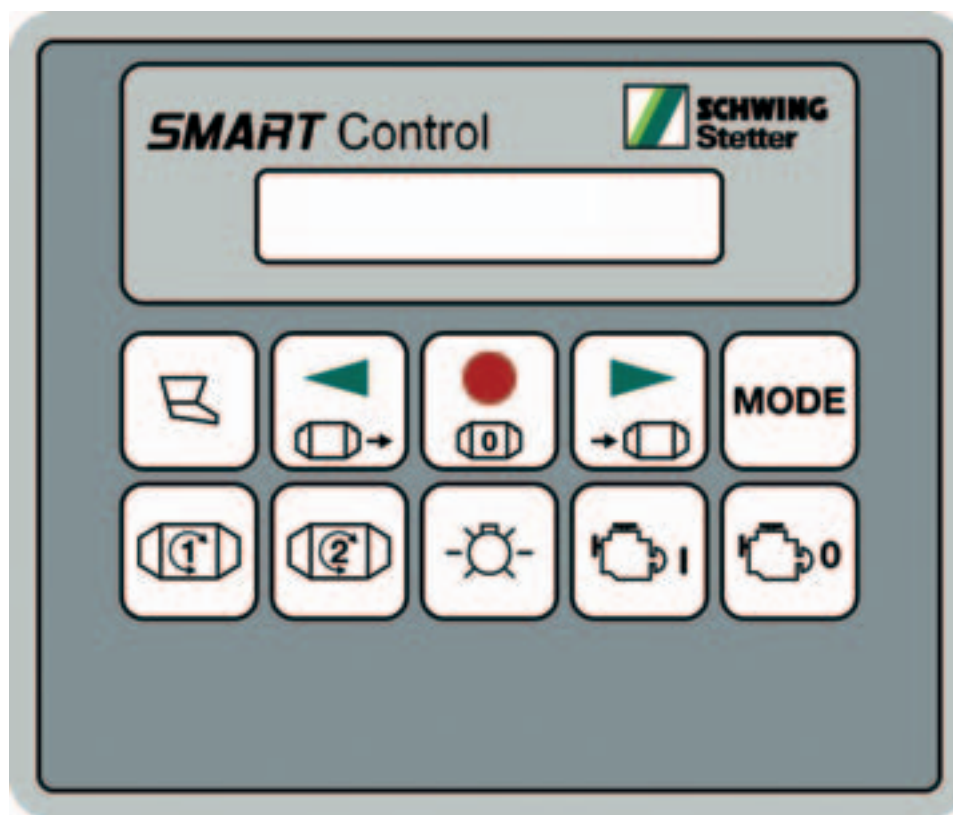
A smooth-surfaced functional rear makes for fast and simple cleaning and optimum discharge into concrete pump hoppers and crane buckets.



Upon request – Noise-absorbing cover for separate engines, adapted to the current emission regulations.

SMART CONTROL – INTELLIGENT MIXER CONTROL SYSTEM

Reduces diesel consumption, reduces wear,
avoids unnecessary noise.



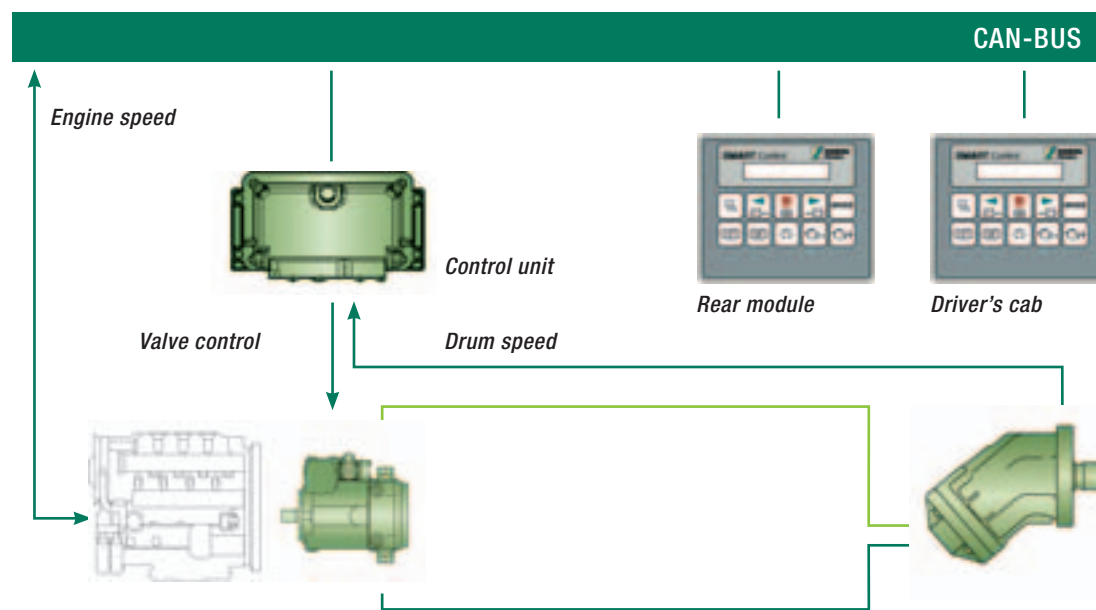
SMART Control is a new intelligent control system to set the speed of the truck mixer drum. The functions of the drum control system are selected via a keypad. Amongst others, the two-line text field provides for the display of the current drum speed, the operating hours and the maintenance information 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.*



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



*Flow concrete pipe with fastening
For pouring of flow concrete. Available in
lengths of 3 and 5 m. Fastenings adapted to
the lengths specified above can be supplied
for flow concrete pipes provided by the
customer.*



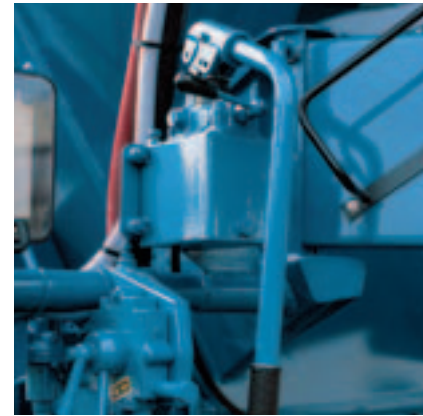
Plastic extension chute

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 hanged 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.



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.



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.



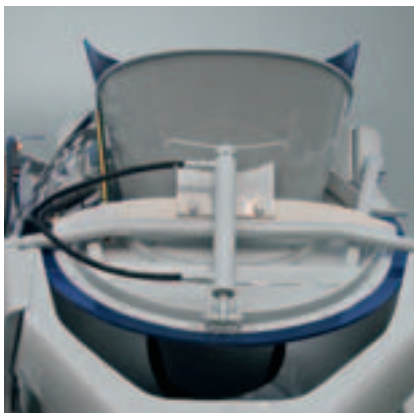
Frame covering

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.



Full-flap – Drum cover

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



Belt conveyor

The combination truck mixer with belt conveyor offers both transport and direct placing of concrete or gravel.



STETTER TRUCK MIXERS

Wherever quality is in demand.

