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## Self-loading concrete truck mixers

**Keywords:** self-loading concrete truck mixers,self-loading concrete mixer

Self-loading concrete truck mixers are small self-loading concrete mixing station is useful for construction site without concrete batching plant, and is on-site and portable concrete mixer also called concrete transport truck or cement truck. And it also used as a single concrete mixer, called self-loading concrete mixer.

### The features of Self-loading concrete truck mixers

- ◆ Two types: DS 1.5 self-loading concrete truck mixers, DS3.5 self-loading concrete batching plant
- ◆ In the reboot of the series Two-Tonne has a concrete mixer trailer.
- ◆ Makes full use of the function of concrete mixer truck and mixing station, which realizes the automatic loading
- ◆ Onside mobile, 4 wheel drive and 4 wheel steering ready-mix truck and batching plant
- ◆ Designed for rough terrain to work as a ready-mix concrete
- ◆ Self-loads the required quantity of aggregates and sand into the drum
- ◆ Combines self-loading aggregate hopper, weighing system,mixing system and discharging system
- ◆ Easy to calibrate, suitable for one-site construction vehicle
- ◆ The design of device allow concrete consistently with high speed
- ◆ Concrete batch processing equipment which consists of mixing drum, concrete pump and discharging system used for construction site and move to other construction site

### Self-loading concrete truck mixers images



DS1.5 concrete mixers



DS3.5 self-loading concrete mixers

concrete mixer



batching plants



concrete trucks



trailer pump



gunite machine



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The two type self-loading concrete mixers are operated by a single person, these hydraulic-operated, standalone machines are able to scoop, load, mix, transport and place concrete independently. And the self-loading concrete truck mixers are suitable for canals and tunnels, road work, building construction sites with low coast housing sites and other infrastructural projects.

And the operators should always keep safety top-of-kind, the mixing drum or tank is rotating so that the drivers can turn the seat and load bucket, and also check the texture of the concrete without having to get out of the chain. Safety is important. The concrete mixer manufacturers should printed the warning signals on the trucks or obvious place

### **DS1.5 Self-loading concrete truck mixers main technical specifications**

Item	specifications
Drum capacity	2.2m3
Output volume	1.5m3
Filling ratio	66%
Productivity	Up to 4 batches per hour 6m3/h
Engine	Xinchai A498, diesel, water-cooled, 42kw/2200rpm
transmission	4 wheel drive,2steering
Slope	30%
speed	Low: 0-10km/h, high: 0-25km/h
Driving seat	Front cab on side of loading shovel. ROPS-FOPS type complete
Joymix	All hydraulic function of shovel controlled by a single-fully servo controlled Joystick
Shovel	150L, complete with hydraulic opening gate
Chute	Slewing, fitted with two pins easily detachable to increase the discharge height
Water system	Self contained, hydraulic driven water pump, high pressure water pump & washing gun
brake	Wet brake, dual independent hydraulic circuits
types	Construction tyres: 14-17.5
Electric system	24volt
Tanks	Water: 400L, diesel: 80L, hydraulic oil: 100L
Weight	3100kgs
Overall dimensions	Length 4.2m; width 2.1m; height:2.5m
Wheel base	2.0m

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Self-loading mobile concrete mixers control system is controlled by person. Concrete output capacity is 6m<sup>3</sup>/h or 14m<sup>3</sup>/h according to different size. DS3.5 concrete mixers is larger capacity and weight than DS1.5. You can choose suitable concrete mixing station according to your construction projects.

### DS3.5 Self-loading concrete mixers main technical specifications

Item	specifications
Mixing system	Drum capacity: 4.4m <sup>3</sup> Discharging capacity: 3.5m <sup>3</sup> /tank Double helix,emergency unloading cover Reverse when unload
Capacity	4tanks/hr 14m <sup>3</sup> /hr 110m <sup>3</sup> /day 3300m <sup>3</sup> /year
Diesel engine	Commins engine / Yuchai engine Rotate speed: 2200r/min Rated power:82KW
transmission	4 wheel drive,2steering
speed	Low: 0-10km/h, high: 0-20km/h
Loader control	Hydraulic 4 way stick
Loader	600L, hydraulic valve
Chute	Angle control hydraulic
Water system	Hydraulic water pump
brake	Hydraulic brake, front and rear independent system
Tire	16/70-20
Electric system	24volt
Tanks	Water: 2x380L, diesel: 150L, hydraulic oil tank: 125L
Weight	7500kg
Overall dimensions	Length 7.1m; width 2.44m; height:3.3m

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