

WHY CIFA



Truck Mixers
SL - SLX - HD - ENERGIA Series



WHY CIFA



WE HAVE PRODUCED AND SOLD MORE THAN 60.000 TRUCK MIXERS

CIFA truck mixers are designed in Senago, Milan, Italy and manufactured in Castiglione delle Stiviere, Mantua, Italy. These facilities can produce up to 3.000 truck mixers per year. Thanks to the high efficiency of the manufacturing process, CIFA has made and sold more than 60.000 truck mixers up to now.



TRUCK MIXER SERIES			
LIGHT SL	EXTRA LIGHT SLX	HEAVY DUTY HD	HYBRID ENERGYA



1 Water pump installed on the reducer.



2 Water tank (capacity from 400 to 1200 liters).



3 Drum anti-rebound system to keep the drum in the right position during the transport phase.



4 Hot galvanized ladder, complies with EN12609



5 Drum safety stop for truck mixer maintenance and plastic back cover.



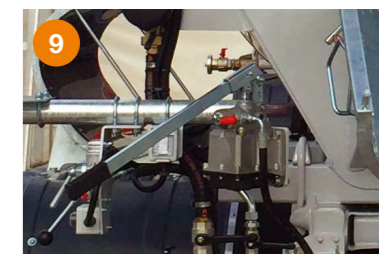
6 Drum rollers. Single or double type according to the truck mixer model.



7 Hot galvanized discharge chute One-piece type, length SL:1500 mm, HD:1200mm



8 Chute lifting by crank handle.



9 Chute lifting by hydraulic pump manually operated.



10 Polymer rear mono-axle mudguards. Double-axle mudguards made of aluminum are available on demand.



11 Mono-support arm for discharge chute (for SL and SLX series).



12 Double water inlets. Water can be filled from both right and left side of the truck mixer. Heat exchanger with oil tank. Manometer for concrete consistency.

PAINTING



Multi-colour customized painting on demand

One-colour standard painting

MADE IN ITALY



CIFA truck mixers are 100% made in Italy. All the components of the CIFA truck mixers are Italian or German brand

MOUNTED ON ALL TRUCK BRANDS



CIFA truck mixers can be mounted on all truck brands. CIFA truck mixers are all developed according to truck specifications documentation

LEASING



Available in Italy, Russia, China, South Africa, Australia, USA

SERVICES



Training for operators



STANDARD EQUIPMENT FOR SL, SLX AND HD SERIES



SL SERIES TRUCK MIXERS



CAPACITY (m³):
4-7-8-9-10-12-15



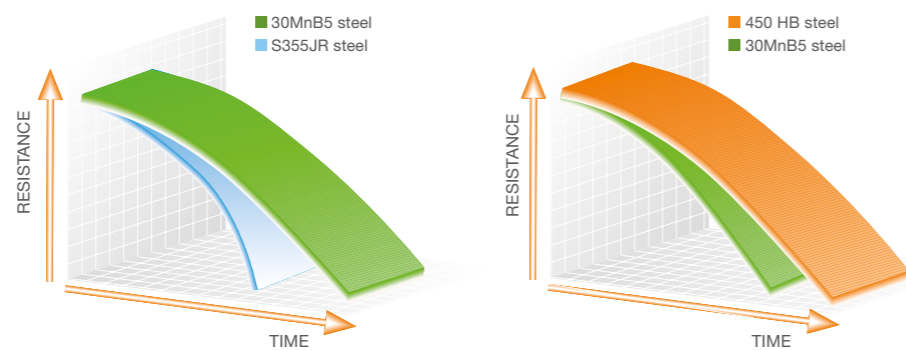
**4 mm THICKNESS
MADE OF
30MnB5 STEEL
(STANDARD
EQUIPMENT)**



**4 mm THICKNESS
MADE OF
450 HB STEEL
(ON DEMAND)**



**LIGHT
WEIGHT**



DRUM AND BLADES

The drum is designed according to international specifications and rule DIN 459. Special high resistant steel (30MnB5) is used in drum and blades with different thickness from three (3) to seven (7) millimeters. Chrome, manganese and boron prevent concrete wear and action resistance. Drum and blades are also available made of special wear resistant steel 450 HB, in order to maximize the lifetime of the truck mixer.



SL 9 - Spain

DRUM CONTROL SYSTEMS



CSD ADVANCED

The same remote control is used both to operate the drum from the cab, where it sits in a dedicated base while driving, and from outside the cab to control concrete loading and unloading operations.

The remote-control body is robust and reliable, with a protective case and a magnetic belt hook. The control buttons are large, can be operated even with protective gloves, and the whole unit is protected from liquids and dust.

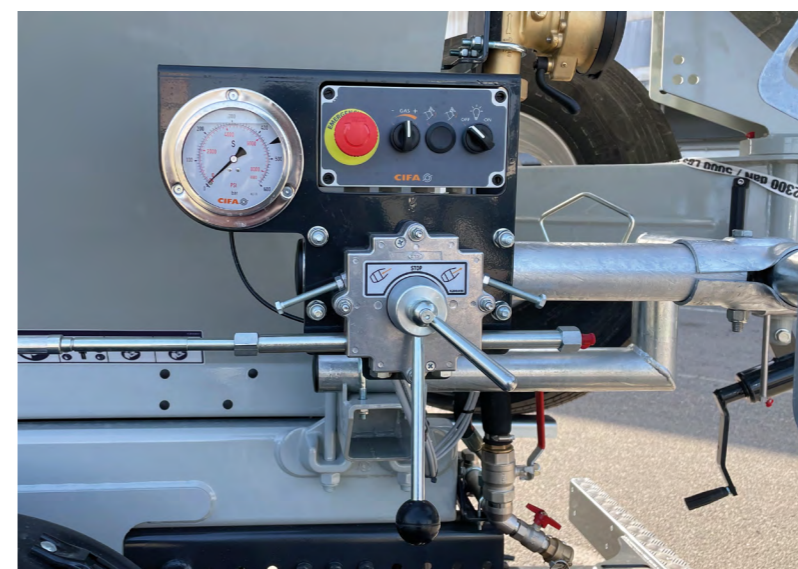
The display, which is clearly legible in all lighting conditions, presents operational information such as drum speed, hydraulic pressure, working hours, and also provides diagnostic messages to facilitate servicing and reduce downtime.

Specific functions are provided for loading concrete into the plant and for mixing it before unloading it on site. The system also complies with the new EN-12609 standard.



CSD 2.0

CIFA CSD 2.0 is the electronic control of the mixer. CSD stands for Constant Speed Drive, which refers to the electronic adjustment of the drum rotation speed independently of the truck engine speed. Two control pads are provided: 1 in the truck cabin and one at the rear of the mixer. Specific functions are provided for loading concrete into the plant and for mixing it before unloading it on site pressing just a button. The system also complies with the new EN-12609 standard.



Flexible cables

Flexible cable basic controls are the easiest way to manage the drum rotation directly controlling the displacement of the hydraulic pump attached to the truck's Power Take Off. The only control position is placed at the rear of the mixer.

EXTRA LIGHT WEIGHT

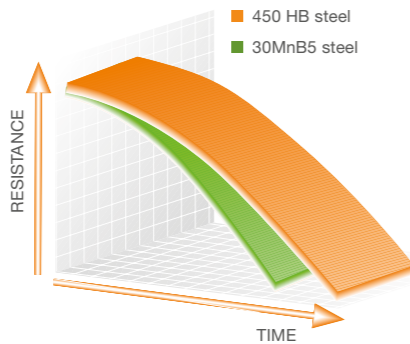


SLX 10

SLX SERIES TRUCK MIXERS



LIGHT COMPONENTS
Components made of aluminum such as pressurized water tank, rear double-axle mudguards, ladder and additional discharging chutes are available on demand, in order to optimize the mixer weight.



DRUM AND BLADES
The drum is composed of a steel plate with different thickness from three (3) to seven (7) millimeters. SLX Series have the drum and blades made of special light and resistant 450 HB steel.



CAPACITY (m³):
8-9-10



3 mm THICKNESS MADE OF 450 HB STEEL



EXTRA LIGHT WEIGHT

HD SERIES TRUCK MIXERS

HEAVY DUTY DESIGN



CAPACITY (m³):
7-8-9-10-12-15



5 mm THICKNESS MADE OF HEAVY DUTY STEEL



HEAVY DUTY DESIGN



PTO OR AUXILIARY ENGINE
The HD series is also available with the separate auxiliary engine mounted on the frame (HDA 7, HDA 8, HDA 9 and HDA 10 versions).



DOUBLE ROLLERS
Double rollers with sling bar are installed under the HD 9, HD 10, HD 12+ and HD 15 drum in order to guarantee a perfect balance of the drum for all job conditions. They are bolted for easy maintenance and adjusting.



STEEL MUDGUARDS
Heavily-built steel mudguards are installed as standard equipment in HD mixers



DISCHARGING CHUTE
The supporting structure of the discharge chute is welded to the main frame in order to maximize the resistance against the fatigue.



HEAT EXCHANGER
The heat exchanger in HD 9, HD 10, HD 12+ and HD 15 is equipped with 30 liters capacity oil tank.



HD 12+

The HD 12+ is a mixer with very high payload capacity (more than 12 m³) specifically designed for heavy duty conditions.



Fold over chute (1500 mm + 600 mm).



Cone shaped chute with end diameter 200 mm.



Concrete chute flap.



EKOS drum closing system and rear flashlight.



Cover protection under the drum.



Rubber cover protection between aluminum mudguards and mixer frame.



Aluminum pressurized water tank (capacity from 200 to 800 liters).



Led rear lights.



Rubber sleeve on the loading hopper.



"SL 45" hydraulic extractable discharge chute.



Special supports for chutes placed at 90° underneath the drum.



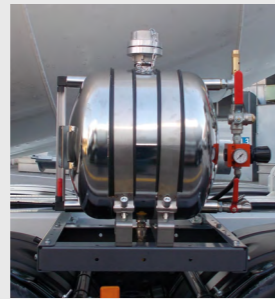
Plastic toolbox.



Rear protection tilting bar.



Spray-pump, 16 liters.



Additive pressurized tank (50 l) made of stainless steel



Pneumatic air connection.



Concrete Washout System (Awaywash)



High pressure water pump.

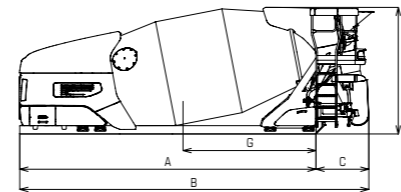


OPTIONS



ENERGYA E9

ENERGYA SERIES HYBRID TRUCK MIXERS



* CIFA standard frame.
** Weights may vary ± 3%
Technical data and characteristics
subject to modifications without notice.

E9		
DRUM		
Nominal capacity	m ³	9
Geometric volume	m ³	15,9
Filling ratio	%	56,3
Water line	m ³	10,2
Rotation speed	r.p.m.	0 ÷ 14
Diameter	mm	2300
Rollers	n	2
Water meter scale	/	0 ÷ 500
Water tank capacity	/	300
Water tank type		aluminum pressurized

E9		
DRIVEN BY		
Electric motor		◆
DIMENSIONS		
A - Min. length of frame	mm	6450
B - Min. length of mixer	mm	7655
C - Overhang	mm	1205
G - Center of gravity	mm	2895
H - Max height*	mm	2755
Max width	mm	2355
Total weight (empty)**	kg	4900
TRUCK SPECIFICATIONS		
Axes n.		4 Axles
CHARGING MODES		
Standard charging mode through on-board charger		mono-phase 220 V - 16 A
High speed charging mode		DC current 300 V - 80 A
Battery		Lithium-ion 28,1 kWh/100Ah

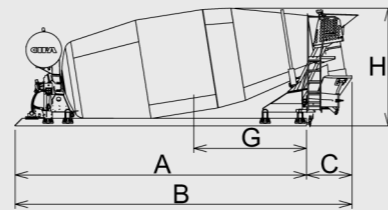
DATA SHEET

TRUCK MIXERS



SLX 9

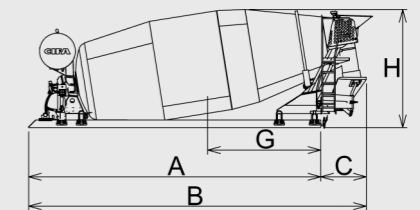
SL - SLX SERIES TRUCK MIXERS



	SL 4	SL 7	SLA 7	SL 8	SLX 8	SLA 8	SL 9	SLX 9	SLA 9	SL 10	SLX 10	SLA 10	SL 12	SLA 12	SL 15	
DRUM																
Nominal capacity	m ³	4	7	8	9	10	12	15								
Geometric volume	m ³	8,4	12,2	14,0	15,9	16,2	18,5	23,6								
Filling ratio	%	47	57	57	56,3	62	65	65								
Water line	m ³	5	7,8	9	10,2	10,8	12,7	15,5								
Rotation speed	rpm	14	14	14	14	14	14	14								
Diameter	mm	2100	2300	2300	2300	2350	2300	2400								
Rollers	n	1+1	2	2	2	2	2	2+2								
Water pump output	l/min	560	560	560	560	560	560	560								
Water pump pressure	bar	4	4	4	4	4	4	4								
Water meter scale	l	0 ÷ 500	0 ÷ 500	0 ÷ 500	0 ÷ 500	0 ÷ 500	0 ÷ 500	0 ÷ 500								
Water tank capacity	l	400	400	400	400	800	800	1200								
DRIVEN BY																
PTO		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Separate engine		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DIMENSION																
A - Min. length of frame	mm	4300	5156	5250	5479	5710	5970	6200	6010	6240	6350	6830	7600			
B - Min. length of mixer	mm	5422	6310	6403	6660	6890	7177	7407	7215	7445	7560	8032	9035			
C - Overhang	mm	1122	1205	1205	1205	1205	1205	1205	1205	1205	1025	1435				
G - Center of gravity	mm	1638 1864	1910	2250	2160	2598	2450	2895	2481	2862	2821	3226	3012			
H - Max height*	mm	2542	2590	2650	2650	2725	2770	2830	2880							
Max width	mm	2300	2355	2355	2355	2355	2380	2355	2430							
Total weight (empty)**	kg	3000 3460	3157	3542	3718	3270	4185	3966	3350	4466	4172	3610	4672	4374	4874	5800
TRUCK SPECIFICATIONS																
Axes																
		2 Axles	3 Axles	3 - 4 Axles	4 Axles	4 Axles	4 Axles	4 Axles	4 Axles	4 Axles	4 Axles	4 Axles	4 Axles	4 Axles	5 Axles	

* CIFA standard frame.
** Weights may vary ± 3%

HD SERIES TRUCK MIXERS



	HD 7	HDA 7	HD 8	HDA 8	HD 9	HDA 9	HD 10	HDA 10	HD 12+	HD 15	
DRUM											
Nominal capacity	m ³	7	8	9	10	12 (13)	15				
Geometric volume	m ³	12,02	13,71	16,01	17,02	20,2	23,73				
Filling ratio	%	62	58	62	58	59,5	63				
Water line	m ³	7,5	9	10	10,7	13,21	15,9				
Rotation speed	rpm	14	14	14	14	14	14				
Diameter	mm	2200	2200	2350	2350	2350	2400				
Rollers	n	2	2	4	4	4	4				
Water pump output	l/min	560	560	560	560	560	560				
Water pump pressure	bar	4	4	4	4	4	4				
Water meter scale	l	0 ÷ 500	0 ÷ 500	0 ÷ 500	0 ÷ 500	0 ÷ 500	0 ÷ 500				
Water tank capacity	l	800	800	800	800	1200	1200				
DRIVEN BY											
PTO		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Separate engine		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
DIMENSION											
A - Min. length of frame	mm	5000	5400	5700	5900	5900	6300	6500	6700	6935	7060
B - Min. length of mixer	mm	6175	6575	6870	7070	7075	7475	7700	7900	8170	8600
C - Overhang	mm	1175	1170	1175	1214	1200	1535				
G - Center of gravity	mm	2019	2282	2199	2491	2482	2927	2551	2876	2940	2822
H - Max height*	mm	min 2570 - max 2650	2745	2760	2790	2800	2705				
Max width	mm	2355	2345	2355	2440	2355	2500				
Total weight (empty)**	kg	4043	4460	4270	4750	4807	5357	4980	5534	5490	5910
TRUCK SPECIFICATIONS											
Axes											
		3 Axles	3 - 4 Axles	3 - 4 Axles	3 - 4 Axles	3 - 4 Axles	4 Axles	4 Axles	4 - 5 Axles		

* CIFA standard frame.
** Weights may vary ± 3%



Distributor



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