

WHY CIFA



Truck Mixers

RY - ENERGIA Series



WHY CIFA



25,000 : RY MIXERS PRODUCED AND SOLD BY CIFA

CIFA truck mixers are designed in Senago, Milan and manufactured in Castiglione delle Stiviere, Mantua. 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.



MODELS		
RY SERIES		HYBRID
RY 1100	RY 1300	ENERGY E9



PAINTING



Multi-colour customised painting on demand.

One-colour standard painting.

MADE IN ITALY



CIFA truck mixers are 100% made in Italy using the best technologies and high quality materials.

MOUNTED ON ALL TRUCK BRANDS



CIFA mixers can be mounted on all truck brands and are all developed according to Truck Specifications documentation.

LEASING

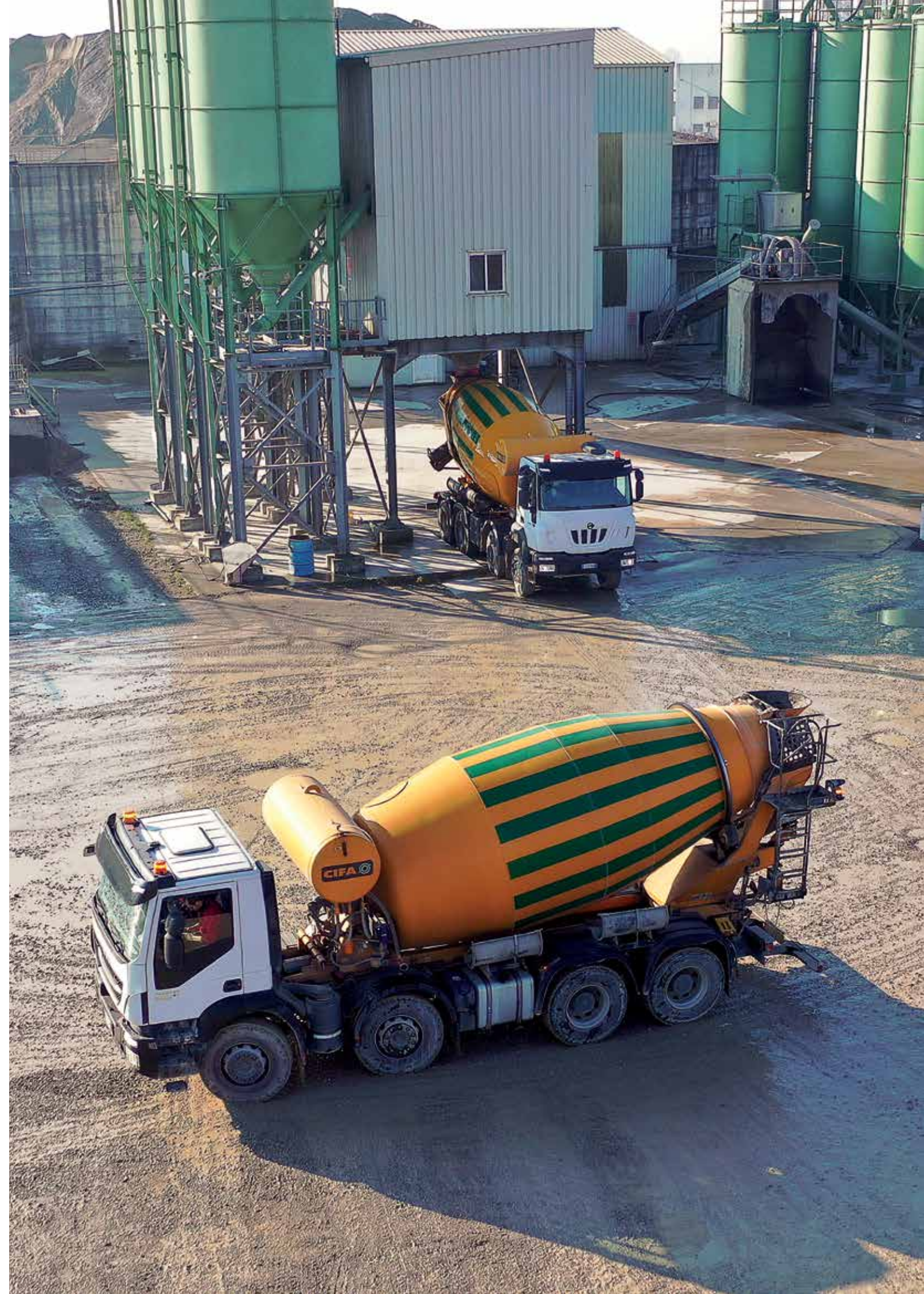


Available in Italy, Russia, China, South Africa, Australia, USA and Germany.

SERVICES



Training for operators.



DRUM



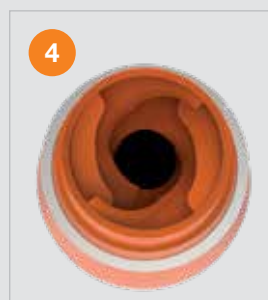
ROLLERS WITH SAFETY STOP
The drums are equipped with a pair of double rollers. All drums are fitted with a special anti-rotation stop to ensure operator safety during unscheduled maintenance operations.



LOADING AND UNLOADING AREA: HIGH PROFITABILITY AND OPERATIONAL RATIONALITY
The parts of the loading hopper, made with solutions, are designed to achieve the best structures and offer maximum efficiency and functionality during loading, thereby minimising the risk of clogging.



CONTROL ELECTRONICS: ALL FUNCTIONS ARE ALWAYS UNDER CONTROL
The CSD, Constant Speed Drive, electronic control keeps the drum rotation constant when the engine speed varies.



DRUM AND SPIRALS
The drum and spirals have a special design suitable for mixing concrete as well as transporting it.

CONTROL SYSTEMS

The CSD (Constant Speed Drive) control system is used to control rotation of the drum independently of the truck engine speed. CIFA's innovation enables precise control during the mixing or transport of concrete in compliance with the required formula.



CSD ADVANCED

The evolution of the CSD system takes the form of a radio remote control that enables wireless control and operation of the concrete mixer for more immediate and convenient operation.

The remote-control body is robust, designed for work on a construction site, with a protective case and a magnetic belt hook.

The control buttons are large, can be operated even with protective gloves, and is protected from liquids and dust.



ADVANCED FUNCTIONS

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:

- Drum speed
- Hydraulic pressure
- Hours worked
- Diagnostic messages

Specific functions are provided for loading concrete into the plant and for mixing it before unloading it on site pressing just a button.





RY 1100



CAPACITY (m³):
10



DRUM MADE OF
30MNB5 STEEL,
4mm THICKNESS



3-AXLE
TRUCK



DRIVEN BY:
PTO



Truck mixer designed for 3-axle trucks, compact, lightweight but with a large capacity and filling ratio. A machine that is simple to use but comes complete with the latest generation of electronic management and safety devices as standard.

The RY 1100 is the classic CIFA truck mixer, reliable and versatile. Many accessories are available to adapt the CIFA kit to all types of concrete and construction site. Thanks to its reduced length, the RY1100 stands out for its manoeuvrability and operating speed.



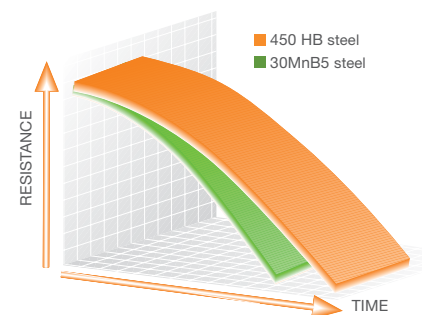
Module with 800 litre water tank and integrated oil tank



Basic equipment compliant with the EN 12609 standard with rear underrun and cyclist protection bars, rear camera, LED rear light, anti-shear system on the discharge chute and platform on the loading hopper

Drum and blades

The drum is designed according to international specifications and rule DIN 459. Special high resistant steel (450HB) is used in the drum (4 mm) and blades (3 mm) to maximise the lifetime of the mixer.



RY 1300



CAPACITY (m³):
12



DRUM MADE OF
30MNB5 STEEL,
4 mm THICKNESS



4-AXLE
TRUCK



DRIVEN BY:
PTO



The RY1300 truck mixer is designed for a 4-axle chassis. The drum has a large loading capacity of 12 m³, thus reducing the number of trips from the batching plant to the construction site with considerable savings in time and consumption.

The structure of the kit and its assembly on a 4-axle truck keep the total height of the kit under 2800 mm, a considerable advantage for reaching any construction site.



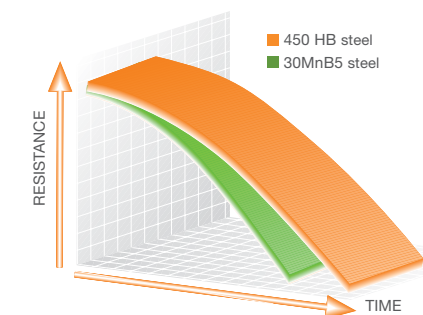
Module with 1200 litre water tank and integrated oil tank



Basic equipment compliant with the EN 12609 standard with rear underrun and cyclist protection bars, rear camera, LED rear light, anti-shear system on the discharge chute and platform on the loading hopper

Drum and blades

The drum is designed according to international specifications and rule DIN 459. Special high resistant steel (450HB) is used in the drum (4 mm) and blades (3 mm) to maximise the lifetime of the mixer.



STANDARD EQUIPMENT



Hydraulic water pump.



800 litre (RY 1100) or 1200 litre (RY 1300) water tank.



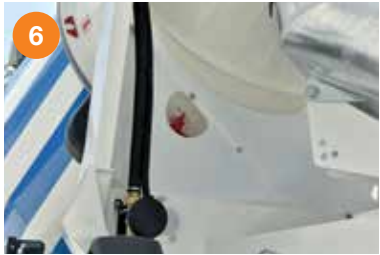
Quick-fit water connector on both sides of the mixer.



Drum anti-rebound system.



Hot galvanised ladder, complies with EN 12609.



Drum locking system for maintenance work.



Double rollers.



Fold over chute (1500 mm) with anti-shear device.



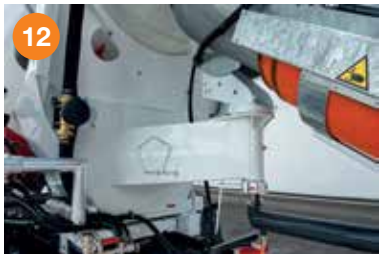
LED rear work light.



Camera with monitor in the cab.



Single-axle mudguards with CIFA splash guards and adjustable steel supports.



Welded discharge chute support.



Cone-shaped chute with end diameter 200 mm.



EKOS drum closing system.



Protection between frame and drum.



Rubber cover protection between aluminium mudguards and mixer frame.



Aluminium pressurised water tank (capacity 600 litres).



Additional LED rear work light.



Rubber sleeve on the loading hopper.



"SL45" 4.5 m hydraulic discharge chute with 3 extensions.



Cone-shaped chute for "SL45".



Additional two discharge chute pieces with supports.



High pressure water pump.



Spray pump, 16 litres.



Additive pressurised tank (50 litres) made of stainless steel.



Plastic toolbox.



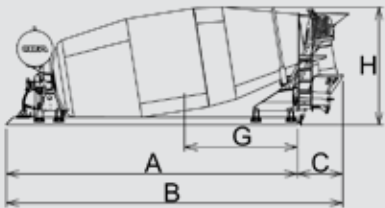
ROLL-OFF SYSTEM
The system is installed with a quick coupling, which ensures that the mixer can be quickly removed from the truck.

OPTIONS

TECHNICAL DATA RY TRUCK MIXERS



RY/SRY1300

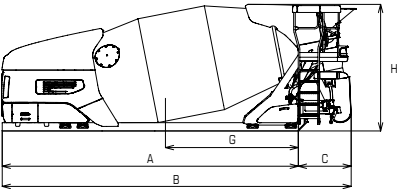


		RY 1100	RY 1300
DRUM			
Nominal capacity	m³	10	12
Geometric volume	m³	14.3	17.4
Filling ratio	%	68	69
Rotation speed	rpm	0-14	0-14
Water line	m³	9.8	11.9
Diameter	mm	2300	2350
Rollers	no.	4	4
Water output	l/min	400	400
Water pump pressure	bar	3.5	3.5
Water meter scale	l	0 ÷ 500	0 ÷ 500
Water tank capacity	l	800	1200
DIMENSIONS			
A - Length of frame	mm	5600	6000
B - Max length	mm	6800	7150
G - Centre of gravity	mm	2310	2705
H - Max height*	mm	2800	2790
Max width	mm	2395	2430
Total weight (empty)**	kg	4444	4938
TRUCK SPECIFICATIONS			
Axes			
	3 Axles	4 Axles	

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



ENERGYA SERIES HYBRID TRUCK MIXER



* CIFA standard chassis
** Weights may vary ± 3%
Technical data and characteristics may change without notice.

E9		
DRUM		
Nominal capacity	m³	9
Geometric volume	m³	15.9
Filling ratio	%	56.3
Water line	m³	10.2
Rotation speed	r.p.m.	0 ÷ 14
Diameter	mm	2300
Rollers	no.	2
Water meter scale	/	0 ÷ 500
Water tank capacity	l	300
Water tank type	aluminium pressurised	

E9		
DRIVEN BY		
Electric Motor		◆
DIMENSIONS		
A - Minimum length of frame	mm	6670
B - Minimum length of kit	mm	7633
C - Overhang	mm	922
G - Centre of gravity	mm	3062
H - Max height*	mm	2735
Max width	mm	2500
Total weight (empty)**	kg	4760
TRUCK SPECIFICATIONS		
Axes no.		4 axles
CHARGING MODES		
Standard charging mode through on-board charger		mono-phase 220 V - 16 A
High speed charging mode		DC current 400 V - 32 A
Battery		Lithium-ion



Discover more at www.cifa.com

Distributor



CIFA 
A ZOOMLION COMPANY

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