

ENERGYA E8 - E9

Hybrid plug-in mixer



Technical data

ENERGYA

Drum		E8	E9
Nominal capacity	m ³	8	9
Geometric volume	m ³	14	15.9
Filling ratio	%	57	56.3
Water line	m ³	9	10.2
Rotation speed	r.p.m.	0 ÷ 14	
Diameter	mm	2300	
Rollers	n	2	
Water meter scale	l	0 ÷ 500	
Water tank capacity	l	300	
Water tank type		aluminum pressurized	

Driven by

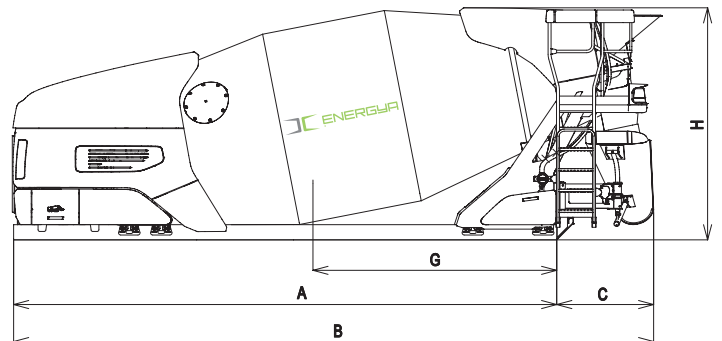
Electric motor	◆
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Dimensions

A - min. length of frame	mm	5965	6450
B - min. length of mixer	mm	7170	7655
C - overhang	mm	1205	1205
G - center of gravity	mm	2598	2895
H - max. height *	mm	2680	2755
Max width	mm	2355	2355
Total weight (empty) **	Kg	4600	4900

Truck Specification

Truck axles	n	4 axles
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Charging Modes

Standard charging mode through on-board charger	three-phase 380V/400V - 20A
High speed charging mode	DC current 300V - 80A

* CIFA standard frame

** Weights may vary ± 5% according to DIN 70200

Technical data and characteristics subject to modifications without notice.

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Product description

ENERGYA is the new CIFA plug-in Hybrid truck mixer adopting the latest technologies to decrease fuel consumption, pollution and noise. The system allows the full energy management in all working conditions and the choice and the set up of components maximize the general efficiency of the system. Conventional hydraulic system is replaced by electric transmission with high efficiency. The system allows to rotate the drum with diesel engine off, without exhaust emission and with very low noise in the working area during the charging and discharging phases. Emission and noise reduction make ENERGYA very useful in all areas where high respect for the environment is the first choice.

Standard equipment

- Basic frame, straight or shaped, made profile according to truck manufacturer specifications
- Drum design according to DIN459 norm with large loading volume with high water line
- Drum and blades made of 450 HB steel
- Wear protected blades
- Two rollers diam. 250 mm with special off road support, completely bolted for an easy maintenance and adjusting
- Pressurized aluminum water tank capacity 300 l
- Two washing nozzles (one at ground level by quick joint and one on ladder platform)
- Concrete manometer for concrete consistency shown in displays
- Two light additional chutes in iron-plastic material, with supports for their fixing
- Special design charging hopper and discharging hopper and chute for a fast and smooth charging and discharging completely bolted for a better and simple maintenance
- Wear plates on charging hopper and discharging chute
- Discharging chute driven by manual cylinder
- No. 2 quick joint water fillers on sides of front supporting frame
- Cyclist guard twin bars and protection tilting rear bar (standard EEC area)
- Fiber-glass back protection on rear support easy to clean
- Two strong armed swivel chute system
- Polymer rear mono-axle mudguards with rubber mudflaps
- Sliding aluminum ladder
- Two man holes on the drum and two safety drum locking systems
- Water meter
- Electronic controls through computer display in the cab and second mobile control panel placed in rear side with vandal resistant buttons
- Special design including fiber-glass covers
- LED rear light

Main options

- Aluminum pressurized water tank (200 or 500 l)
- 2 additional aluminum chutes
- Additive pressurized tank (50 l)
- Additional LED rear light
- Rear camera
- Discharging chute driven by electric cylinder

