

# ENERGYA E8 - E9

## Hybrid plug-in mixer



### Technical data

#### ENERGYA

| Drum                |                | E8          | E9   |
|---------------------|----------------|-------------|------|
| Nominal capacity    | m <sup>3</sup> | 8           | 9    |
| Geometric volume    | m <sup>3</sup> | 14          | 15.9 |
| Filling ratio       | %              | 57          | 56.3 |
| Water line          | m <sup>3</sup> | 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     |                | pressurized |      |

#### Driven by

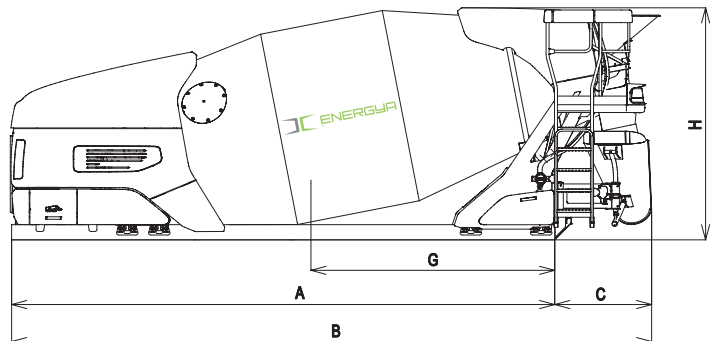
|                |   |
|----------------|---|
| Electric motor | ◆ |
|----------------|---|

#### 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 | 4320 | 4570 |

#### Truck Specification

|             |   |         |
|-------------|---|---------|
| Truck axles | n | 4 axles |
|-------------|---|---------|



#### Electrical devices

|   |                              |
|---|------------------------------|
| Required power                                      | 75 kW                        |
| Standard charging mode through on-board charger     | three-phase 380V/400V - 16A  |
| Standard charging time through on-board charger *** | 240 min                      |
| High speed charging mode                            | three-phase 380V/400V - 75kW |
| High speed charging time ***                        | 18 min                       |
| Charging time through on-board generator ****       | 70 min                       |

\* CIFA standard frame

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

\*\*\* From 0% to 100% of charge.

\*\*\*\* Average speed 35 km/h on urban and extra-urban conditions.

# ENERGYA E8- E9

## Hybrid plug-in mixer

### 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's manufacturer specifications
- Drum design according to DIN459 norm with large loading volume with high water line
- Drum and blades made by specialized ultra wear-resistant steel with exceptional hardness and strenght
- Wear protected blades
- Two rollers diam. 250 mm with special off road support, completely bolted for an easy maintenance and adjusting
- Pressurized 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 on mudguards
- 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 electric cylinder
- No. 2 quick joint water fillers on sides of front supporting frame
- Cyclist guard twin bars (standard EEC area)
- Plastic back protection on rear support easy to clean
- Two strong armed swivel chute system
- Strong plastic mudguards light, strong and easy to clean and plus rubber mudflaps
- Machine completely sandblasted and painted in rust prevention and zinc protected for better rust resistance
- Two man holes on the drum and two safety drum locking systems
- Water meter
- Electronic controls through computer display in the cab and mobile control panel placed in rear side with capsense technology
- Emergency electric motor for drum rotation

### Main options

- Special design including fiber-glass covers

