

EM-C440 «ELECTRON» MUNICIPAL VEHICLES



The name of parameters	Characteristics
THE MAIN PARAMETERS	
Total design mass, kg	5000
Mass of equipped chassis, kg	2590
Payload capacity, kg	2410
Driver`s cabin roomness, persons	1 + 1
Wheel formula	6 x 4
Engine	ZMZ-514
- producer	Russia
- type	Diesel
- volume, l	2,25
- maximum power, kW (k.s)	80,9 (110)
at revol./min	3800
- maximum turning moment, Nm	270
at revol./min	1800-2800
- environmental friendliness	Euro-4
Gear box	UAZ-315126
- type	Mechanical, 4-speed, synchronized
Transfer case	UAZ-3909
Axels:	
- front guiding and driving	UAZ-2206
- front driving with additional axle	UAZ-3741
- rear supporting	EM-H440
Front / rear suspension	Conventional, spring on two semielliptical springs, with two-way telescopic shock absorbers and stabilizer of cross firmness
Standard size of wheels	Radial 225/751*16
Standard size of tire	6J-16
Steering control	With hydraulic booster
Braking system	Hydraulic, double-circuit, with vacuum booster
Capacity of fuel tank, l	60
CRANE-HANDLING INSTALLATION	
Type	Palfinger PC1500 (Austria)
Drive	Hydraulic
Loading moment	13,7 kH-m (1,4 T'M)
Maximum departure of an arrow	3,1 m
Minimum departure of an arrow	1,2 m
Loading at 1,2 m departure of an arrow, not more	990 kg
Loading at 13,1 m departure of an arrow, not more	440 kg
Pressure in hydrosystem, max	20 MPa (200 bar)
Mass with control desk	180 kg