
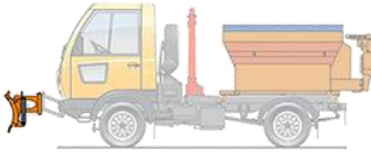







**EM-C320.12 «ELECTRON» MUNICIPAL VEHICLES
CHARACTERISTICS OF HINGED EQUIPMENT**



The name of parameters		Characteristics
HINGED EQUIPMENT		
Frontal brush 	Type	Horizontal
	Type according to the working period	Summer / winter
	Brush rotation drive	Hydraulic engine
	Number of revolutions, revol./min	280 – 320
	Width of cleaning zone, m	1,6
	Overall width, m	1,92
	Rotation angle of the brush (left-hand / right-hand), degree	30 / 30
	Brush rotation drive	Hydraulic, one hydraulic cylinder
	Thickness of snow layer, m not more	0,05
	Material of brush working organ	Polymer
	Mass, kg	185 / 190
Mouldboard plough 	Type	Single
	Overall width, m, not more	2,2
	Width of cleaning zone in working position, m	1,9
	Board height, m	0,6
	Angle of plough rotation left-hand / right-hand, degree	30 / 30
	Plough rotation driver	Hydraulic, one hydraulic cylinder
Mass, kg	165	
Tank and sprinkling bar 	Volume, m ³	1,00
	Width of watering zone, m	Up 2,0
	Rate of motion of the car during performing operations, km/h	10-30
	Working organ driver:	
	- type	Electrical
	- maximum pressure, mPa (bar)	1 (10)
	Body mass, kg	100
	Loading with the hinged working mechanism, kg	1000
The bunker for sand or sand mix	Loading	Mechanical through the hole in the cover
	Volume, m ³	1,2
	Supply of mix to scattering body	Screw

	Width of scattering zone, m	1-5
	Rate of motion of the car during performing operations, km/h	8 – 30
	Doze of supply of mix, g/m ²	50 – 300
	Working organ drive:	
	- type	Hydraulic
	- maximum pressure, mPa (bar)	16 (160)
	Body mass, kg	410
	Loading, kg:	
	- with the hinged working mechanism	500
	- without the hinged working mechanism	680
Loading with the hinged working mechanism, kg	1000	
On-board tipper body 	Unloading	Through tail and side boards
	Body mass, kg	200
	Loading, kg	900
Doorless tipper body 	Unloading	Through a tail board
	Body mass, kg	190
	Loading, kg	910
Waste collection hopper 	Loading	Manual, through extendable hatches in left and right sides
	Unloading	Tipping through a rear door
	Volume, m ³	3,65
	Rate of motion of the car during performing operations, km/h	10
	Body mass, kg	350
	Loading, kg	750