

**SWEEPER MODEL D.zero<sup>2</sup> TECHNICAL DATA**



<b>DIMENSIONS</b>		
Length	mm	4495
Width	mm	1440
Height	mm	2000
Height with beacon	mm	2150
Net weight	Kg	3550
Payload	Kg	1000
Gross vehicle weight	Kg	4550
<b>PERFORMANCE</b>		
Cleaning performance	m <sup>2</sup> /h	25200
<b>SWEEPING WIDTH</b>		
Variable sweeping width	mm	1750 ÷ 3200
Max speed	Km/h	25
Max reverse speed	Km/h	25
Working speed	Km/h	12
Maximum Gradeability to load	%	15
Maximum Gradeability empty	%	18
Steering radius Kerb to Kerb	mm	3300
Steering radius Wall to Wall	mm	3500
<b>CHASSIS</b>		
Material		S355
Thickness	mm	5
<b>SIDE BRUSHES</b>		
Diameter	mm	880
Material (standard)		PPL
Rotation speed	rpm	0 - 60
Transmission		Hydraulics
Motor		Hydraulic
<b>LIFTING FLAP FOR BULKY DEBRIS</b>		
Lifting flap height	mm	15 ÷ 80
Drive		Electric

# INDUSTRIAL AND STREET CLEANING EQUIPMENT



<b>SUCTION SYSTEM</b>		
Type of suction fan		Blades
Fan diameter	mm	520
Suction motor power	W	5000
Depression	mmH <sup>2</sup> O	350
Air flow	m <sup>3</sup> /h	6000
<b>SUCTION MOUTH</b>		
Hose diameter	mm	150
Mouth width	mm	650
Hose length	mm	1100
Control of the mouth suction		Electro-hydraulic
<b>DUST FILTER</b>		
Type of filter		Hydromechanic
Filter surface	m <sup>2</sup>	2,5
<b>WASTE CONTAINER</b>		
Container volume	m <sup>3</sup>	2,1
Hopper emptying system		Electro-hydraulic
Dumping height	mm	1450
Material		AISI 304
<b>WATER TANK</b>		
Water tank capacity	l	237
Material		AISI 304
Recycling system capacity	l	180
<b>WATER SYSTEM</b>		
Type		Electric
Flow	l/m	15
Pressure	Bar	10
Nozzles	N°	2 + 2 + 2 (suction mouth) + 2 (suction hose)
Adjustment		Variable
<b>BATTERY</b>		
Type		Li Fe PO4
Number of batteries	n°	2
Maximum Power	kW	76,8
Voltage	V	96
Battery Capacity	Ah	800
Autonomy (UNI EN 15429-2)	hours	8
Battery Charger <b>STANDARD</b>	V/A	400 / 33 - 96 / 160
Battery Charger <b>FAST</b>	V/A	400 / 68 - 96 / 320
Auxiliary battery service	n°	2
Battery Capacity	V/Ah	12 / 18
Voltage	V	24

# INDUSTRIAL AND STREET CLEANING EQUIPMENT



<b>TRACTION</b>		
Transmission		Electric
Motor power	W	9000
<b>WHEELS</b>		
Front tire dimensions		215R 14C8
Specific pressure on the ground front wheels	kg/cm <sup>2</sup>	5,4
Rear tire dimensions		215R 14C8
Specific pressure on the ground rear wheels	kg/cm <sup>2</sup>	5,9
<b>BRAKES</b>		
Type		Drum
Service brake		Hydraulic
Parking brake		Mechanic
<b>STEERING</b>		
Type		Hydraulic
Steering		Hydraulic power steering with central articulated joint
<b>HYDRAULIC SYSTEM</b>		
Type		Electro-hydraulic
Motor power	W	3500
Type of oil		Biodegradable
Tank capacity	l	15
<b>SOUND EMISSIONS</b>		
Sound pressure level (LpA)	dB	64,4
Sound power level (LwA)	dB	93,4
<b>AIR CONDITIONING SYSTEM</b>		
Type		Electric
Cooling capacity	KW	4
Heating power	KW	0,9
Air flow	m <sup>3</sup> /h	450