

SWEeper MODEL 2000 EURO6 TECHNICAL DATA



DIMENSIONS		
Length	mm	4520
Length with third brush	mm	5420
Width	mm	1440
Height	mm	1990
Height with beacon	mm	2150
Net weight	Kg	3750
Net weight (with third brush)	Kg	3850
Payload	Kg	1600
Gross vehicle weight	Kg	5350
PERFORMANCE		
Cleaning performance	m ² /h	40800
SWEEPING WIDTH		
Variable sweeping width	mm	1750 ÷ 3100
Sweeping width with 3rd front brush Rh and Lh (180°)	mm	3400
Max speed	Km/h	40
Working speed	Km/h	12
Gradeability	%	28
Steering diameter Kerb to Kerb	mm	5650
Steering radius Wall to Wall	mm	3500
Steering radius Wall to Wall (with third brush)	mm	3825
CHASSIS		
Material		S355
Thickness	mm	5
SIDE BRUSHES		
Diameter	mm	880
Material (standard)		PPL
Rotation speed	rpm	0 - 100
Transmission		Hydraulics
Motor		Hydraulic

INDUSTRIAL AND STREET CLEANING EQUIPMENT



THIRD FRONT BRUSH (Opt.)		
Diameter	mm	880
Material (standard)		PPL
Rotation speed	rpm	0 - 100
Transmission		Hydraulics
Motor		Hydraulic
SUCTION SYSTEM		
Type of suction fan		Blades
Fan diameter	mm	670
Depression	mmH ² O	520
Air flow	m ³ /h	10000
Trasmission		Hydraulics
SUCTION HOSE (Opt.)		
Length of suction hose	mm	2600
Suction hose diameter	mm	100
Depression	mmH ² O	520
Air flow	m ³ /h	10000
SUCTION MOUTH		
Hose diameter	mm	206
Mouth width	mm	885
Inlet width of the suction mouth	mm	750
Hose length	mm	1100
Control of the mouth suction		Hydraulics
Control of the flap		Electric
DUST FILTER		
Type of filter		Hydro-Mechanic
Filter surface	m ²	1,25
WASTE CONTAINER		
Container volume	m ³	2,38
Net volume	m ³	1,53
Hopper emptying system		Hydraulic
Dumping height	mm	1500/1400
Material		AISI 304
WATER TANK		
Water tank capacity	l	463
Material		AISI 304
Recycling system capacity	l	168
WATER SYSTEM		
Type		Electric
Flow	l/m	13,2
Pressure	Bar	2,5 - 3,5
Nozzles	N°	2 + 2 + 2 (third brush) + 2 (suction mouth) + 2 (suction hose)
Adjustment		Variable in Cab

INDUSTRIAL AND STREET CLEANING EQUIPMENT



ENGINE			
Brand / type		VM Motori R754 EU6	
Type approval		EURO 6 - STAGE I V	
Displacement	cc	2970	
Cylinders	n°	4	
Max power	kW	72	
Working speed	rpm	1600	
Cooling system		Water	
Fuel		Diesel	
Autonomy / Consumption (UNI EN 15429/2)	l / h	6,3	
Fuel tank capacity	l	82	
Max battery capacity	V/Ah	12 / 180	
Battery Nr.	n°	1	
Alternator	V/A	14 / 105	
EMISSIONS		Test	DF
CO	mg/kWh	10,08	13,1
HC	mg/kWh	1,75	2,28
Nox	mg/kWh	291,93	334,65
Particulate	mg/kWh	0,02	0,021
Co2	g/kWh	697,2	
TRACTION			
Transmission		Hydrostatics	
Traction pump displacement	cm³	40	
Traction motor displacement	cm³	250	
WHEELS			
Front tire dimensions		225/70 R15 C	
Rear tire dimensions		225/70 R15 C	
BRAKES			
Type		Drum	
Service brake		Hydraulic	
Parking brake		Hydraulic	
STEERING			
Type		Hydraulics	
Steering		2/4 wheels hydraulic power steering	
HYDRAULIC SYSTEM			
Tank capacity	l	85	
SOUND EMISSIONS			
Sound pressure level (LpA)	dB	70,8	
Sound power level (LwA)	dB	97	
AIR CONDITIONING SYSTEM			
Cooling power	KW	6,3	
Heating power	KW	10,2	
Air flow	m³/h	650	



GREASING SYSTEM		
Type		Manual (Std) or Automatic (Opt)
Greasing points	N°	8
HIGH PRESSURE SYSTEM (Opt.)		
Type		Hydraulics
Flow	l/min	15
Pression	Bar	200