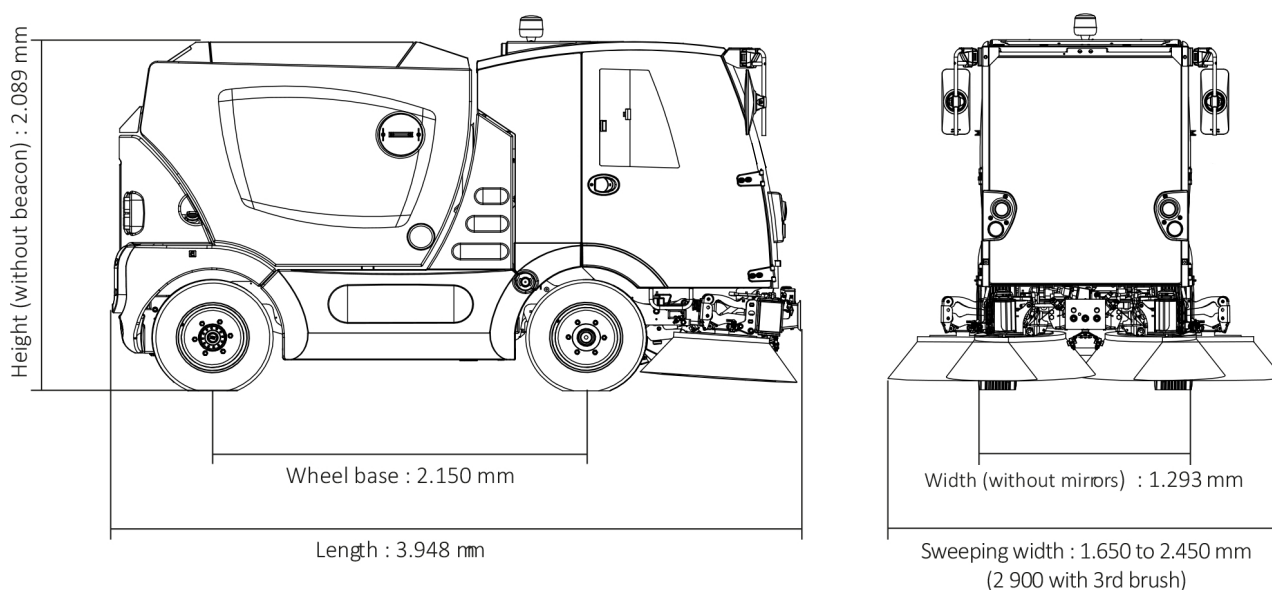


Type AZURA FLEX MC 210
Subject Technical and performance datas

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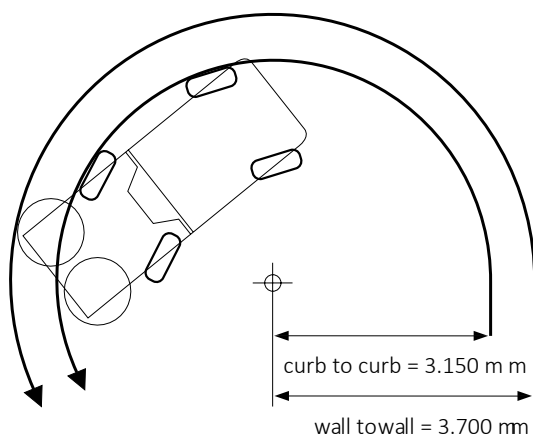
1_ General characteristics

1.1. Dimensions



1.2. Steering

2 or 4 wheels steer with automatic realignment of rear axle in transit.
 Turning radius in 4 wheels steer



1.5. Brakes

Front Disc brakes with dual braking system
 Rear Hydraulic brakes + drum brakes (optional)

1.7. Suspensions

Front and rear Leaf springs

1.3. Weight

Tare weight (depending on the option) (kg)	3.600
GVW (kg)	5.000
Maximum weight on front axle (kg)	2.500
Maximum weight on rear axle (kg)	2.500

1.4. Speeds

Transit mode speed (kph)	25 - 50
Engine speed in transit mode (rpm)	950 - 2.350
Work mode speed (kph)	0 - 15
Engine speed in work mode (rpm)	1.400- 2.000
Gradeability (%)	up to 28 %

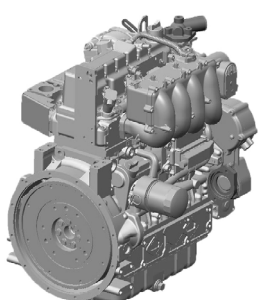
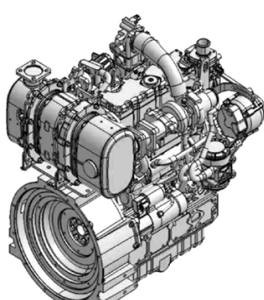
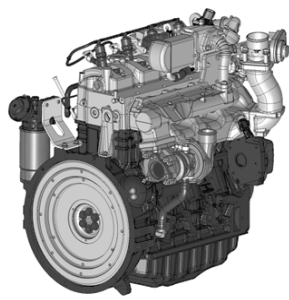
1.6. Tyres

Front	225/65 R16 C
Rear	225/65 R16 C

1.8. Capacities

Fuel tank (liter)	70
Clean water tank (liter)	300
Additional water tank (liter)	240 (optional)

02_ Engines



Make	VM R754 EU6C Common rail		KUBOTA V3800-CR-T-E5B	KUBOTA WG3800-G
Engine type	Diesel EURO 6		Diesel TIER IV / Stage V	Gasoline TIER 2 / CARB TIER 3
After-treatment	Exhaust line with catalyst (DOC) and particle filter (DPF) + Selective Catalytic Reduction system (SCR) with AdBlue injection (14 liter tank) Particle counter (PM sensor)		Exhaust system with catalyst (DOC) and particle filter (DPF) Particle counter (PM sensor)	Exhaust with catalytic converter + muffler
Cubic capacity (cm³)	2.970		3.800	3.800
Number of cylinders	4		4	4
Maximum power	62 kW @ 2.300 rpm (83 BHP)		55,4 kW @ 2.200 rpm (74 BHP)	65 kW @ 2.600 rpm (78 BHP)
Maximum torque	270 Nm @ 1.350 rpm		310 Nm @ 1.500 rpm	255 Nm @ 1.600 rpm

03_ Work performances

3.1. Sweeping system

Sweeping width (mm)	1.650 - 2.450 (2.700 with optional 3rd brush)
Number of brushes	2 or 3 (FLEX option)
2 brushes sweeping	Standard integrated Push&Pull suste (PPS)
Control of the brushes	Joystick
Brush diameter (mm)	900 (750 for weedcutting brush)
Brush rotation speed (rpm)	adjustable up to 120 (160 for 3rd brush)
Sweep rate / output (m³/h)	33.000- 40.500 (theoretical max.)

3.2. Waste hopper

Material	4016 stainless steel
Payload (kg)	1.500
Voided volume (m³)	2
Dumping height (mm)	1.400

3.3. Suction system

Suction nozzle dimension (mm)	540 x 200
Material	Stainless steel and CREUSABRO reinforcements
Suction tube diameter (mm)	250
Suction tube material	Treated polyurethane
Blower capacity (m³/h)	13.000

04_ Environmental performances

4.1. Consumptions

Mixte consumption (liter/h)	5,0 (EU6) - 5,5 (T4) - 6,5 (G)
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4.3. Sound emissions

Accoustic power outside Lwa (dB A)	103 (EU6) - 104 (T4) - 101 (G)
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4.2. PM 2,5 / PM 10 emissions

Level	4 stars
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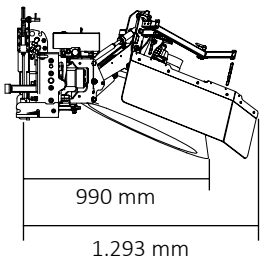
4.4. Vibrations

Entire body (seat) (a _{wzs})	don't exceed 0,5 m/s²
Upper limbs (steering wheel) (a _{nv})	don't exceed 2,5 m/s²

05_ FLEX tools

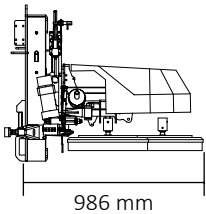
5.1. Third brush

Sweeping width (mm)	up to 2.900
Brushes diameter (mm)	900 (750 for weedcutting brush)
Brushes rotation speed (rpm)	160
Sweep rate/output (m²/h)	40.500 (theorical max.)



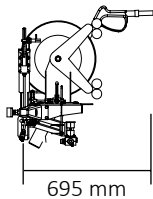
5.2. Scrubbing unit

Work width (mm)	1.515
Brushes diameter (mm)	450
Detergent tank capacity (Liter)	20 (with proportional dosing)
Brushes rotation speed (rpm)	160
Integrated waste water collecting system	



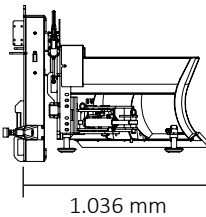
5.3. Washing kit

Pressure	150 Bar
Washing spray bar	5 nozzles, manually fittable
Width (mm)	1.200
15 m hose with automatic hose reel and 150 bar HP spray	
2 side high pressure jets	



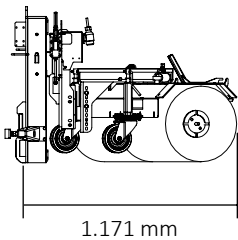
5.4. Snow blade

Work width (mm)	straight : 1.400 tilted : 1.220
Blade height (mm)	500
Work height	Hydraulically adjustable
Right/left tilt adjustment	Hydraulically adjustable



5.5. Snow brush

Transport width (mm)	1.608
Work width (mm)	1.350
Brush diameter (mm)	420
Work height	Hydraulically adjustable
Right/left tilt adjustment	Hydraulically adjustable
2 wheels for ground support	



5.6. Salt spreader

Capacity (Liter)	200
Spreading width (mm)	1.200 - 6.000
Direct or circular spreading	
Dosing	Mecanically adjustable

