



AUTOBREN

TS4 HB Kompact

The new equipment entered the **Autobren family**

The only suction equipment on the market with the characteristics of a compact mechanical sweeper in terms of dimensions.

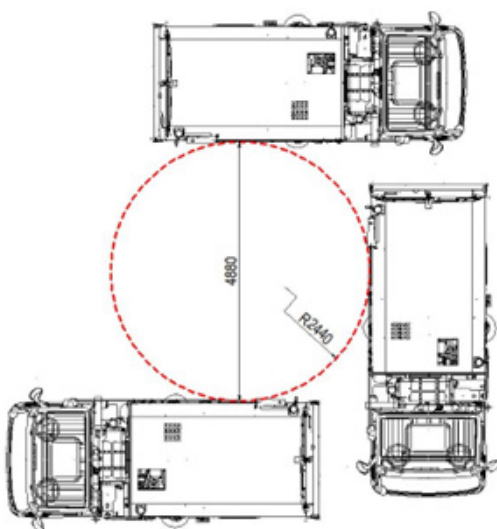
Main features

- extremely compact dimensions for a vacuum street sweeper on chassis
- the equipment with the lowest maintenance on the market
- analog technology without depending on the diagnosis system tools
- *it can be registered as tractor equipment and driven with a vehicle category permit
- *to be checked the road legislation in the country of final destination
- Meets the PM10 guidelines as it is PM10 certified equipment by the EUnited Municipal with the maximum obtainable stars ****.

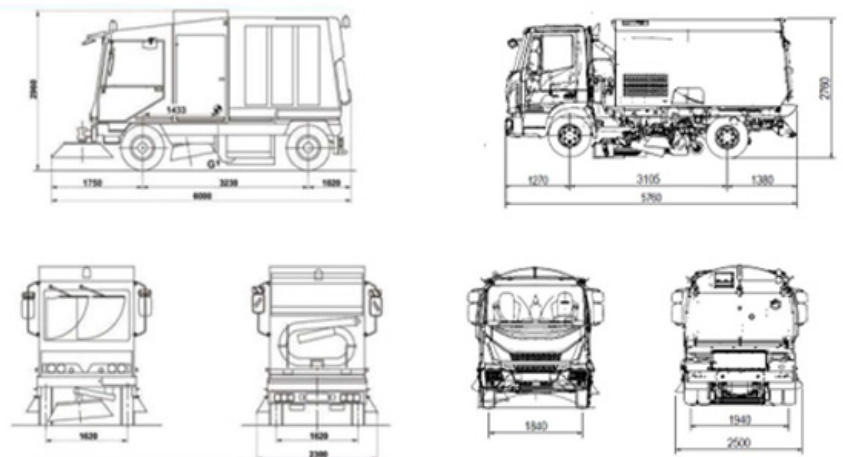


The suction capacity of the TS4 series is unique in its kind and is able to collect any material, from light urban waste, to gravel and heavier waste.

There are numerous versions of suction sweeping systems available, from the towed or pushed type system to the single-sided version with sweeping only on one side of the vehicle to the bilateral version with sweeping groups on both sides of the vehicle which allow a sweeping area to be reached over 3,300 mm.



Steering radius



Size comparison with a compact mechanical sweeper

Hopper dimensions

5 m³ gross volume, 4 m³ net volume under the grate

Inspection hatches

One on the side and one on the back

Barrel material

Entirely in AISI 304 stainless steel

Suction system propulsion and advancement during the work phase

With hydrostatic unit keyed to the transmission shaft which can be inserted for each work phase

Suction capacity

16,000 m³/h

Turbine

Size 710 mm with HARDOX 450 blades

Air exhaust

Exhaust of sucked air on the roof of the barrel

Frame advancement during sweeping

Hydraulic advancement with pedal control

Km/h min in hydrostatic mode

From 0.5 to min. 20km/h

Motion transmission to the fan

With hydraulic motor with continuous regulation of turbine speed

Sweeping groups

Right and left with the possibility of simultaneous sweeping

Mouth trolleys

Arm-towed type with 2 250x80 mm rear support wheels and 10 mm reinforcement side skids

Suction mouths

510 x 250 mm equipped with an opening flap for bulky material and with internal rubber min. 1cm

Suction hoses

Right and left in reinforced anti-wear rubber, internal diameter 250 mm

Conveyors

Automatically moving external rubber bulkheads to convey the material towards the suction inlets

Side brushes

From 500 mm on towed type arms (impact protection) with ground pressure adjustment and manual inclination adjustment

Central roller

1400x330 mm, pushed type, automatically adjustable and with pneumatic ground pressure adjustment

Sweeping band

2200 mm right and left and 3300 simultaneously right + left

Water tank

1000 liters

Water tank material

In AISI 304 stainless steel, integrated into the bottom of the barrel

Galvanic current protection

Grounding + zinc rod

Dust suppression membrane pump with the following nozzles

Diaphragm pump with the following nozzles:

- front bar with 6 nozzles
- bar on roller brush with 4 nozzles
- 2 nozzles for each side brush
- 6 internal nozzles for each suction mouth

Nozzle controls

Tap type with flow regulation divided into sectors

High pressure system

Pressure washer with hose 15 l/min 150 bar

Control Panel

Main analogue panel in stainless steel + panel on the right side of the steering wheel for side brush and flap controls + display for equipment monitoring.



The hydrostatic groups mounted by Autobren are made by the Italian company, a world leader in transmissions: OMSI Transmission spa based in Brescia, famous throughout the world for the quality and reliability of its transmissions.

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