

RAVO

The new RAVO 5-Series

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let's create a cleaner world

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The new RAVO 5-Series

The Standard

The Power to Perform

A powerful fuel efficient Iveco Euro 5 or Tier 3 engine combined with Linde Hydraulics are the heart of the RAVO 5-Series. They make sure that the sweeper gets the job done 24/7. Many communities worldwide have put their need for a clean environment in the hands of RAVO and its dealers. They will provide you with the best after sales service possible: A technical helpdesk, training facilities and 24 hours parts service. Together we just go that extra mile to exceed your expectations.

RAVO: Advancing well being.

At home in cities...

Based on the 45 years of experience RAVO has since inventing the first compact sweeper worldwide, many extra features have been developed. The RAVO 5-Series can be customized to suit not only your needs but also those of your audience: the people for who you keep the street clean.

The silence package, reduces the noise level to only 97 dB which is ideal for sweeping at night or in pedestrian areas. Add to this the newly developed water recycling system for longer and dust free sweeping and you have a city friendly sweeper.

Many customers praise the RAVO for its versatility, it can be used to clean those small alleys, but also the main streets. And when the Swasher option is installed you can clean the whole street including its furniture.

...and everywhere else

With the special heavy duty package tough jobs in road construction become easy. For the long distance jobs comfort packages combined with Michelin tires create an ergonomic working environment. Various other options include; special magnetic bars and communication equipment for airports and the famous RAVO third brush to cut weeds without chemicals.

Whatever the job, there is always a RAVO 5-Series available to get the job done right.

A winner in action

With the biggest container and highest compaction rate in its class, the effective payload of the RAVO 5-Series is even higher than that of a similar sized truck mounted sweeper. However, the dimensions of the 5-series are very modest with a width of less than 2M, a length of just over 4.5M and a turning radius of only 5M curb to curb.

But its capacities will meet your needs; 5.5 tonnes payload, transport speed up to 72 KM/H, and a sweeping path up to 3200 mm when the third brush is mounted.

And there is more that makes a RAVO a RAVO. The maintenance friendly RAVO brush system guarantees many happy sweeping hours. Together with the unique hydro pneumatic suspension it also ensures a constant brush pressure which results in a 50% longer brush life. This suspension combined with a high airflow also enables the 5-Series to work effectively during leaf season and even suck up bottles.

When reliability is essential

Powerful, effective, and above all reliable, those are the characteristics of the RAVO 5-Series. The best sold sweeper in its class: A sweeper engineered to perform. Many cities and contractors worldwide rely on its class-leading engineering, uncompromised ergonomic design and excellent after sales back up.

Technology with a human touch

Take a seat in the spacious cabin of the RAVO 5-Series and it becomes clear that safety and ease of operation have been given high priority. The interior of the cabin is designed around the driver's needs. Well placed mirrors and the logical operation guarantee that the driver can pay full attention to the road. To protect all what deserves extra care RAVO has developed a robust 4mm thick corten steel frame. The RAVO 5-Series sweeper is not only your reliable choice, but also your safe choice.



The RAVO 5-Series: Sweeping²

► The XL Sweeper

The RAVO 5-Series has 5.5 Ton payload capacity which neatly fits into its spacious 5.5 M³ container.

Apart from this it ensures constant brush pressure resulting in a longer brush life of 50%. All other parts are placed in such a way that they are easy to reach.

Suitable for highways;

The RAVO 5 Series is available with ABS which allows a transport speed of 72 KM/H.

► The silent sweeper

A specially developed silence packet reduces the noise of the sweeper from 110 dB to only 97 dB. Ideal for sweeping at night.

► The powerful Sweeper

Iveco Engines, Linde Hydraulics, Parker brush engines and steel brushes guarantee a maximum sweeping result.

► The weed cutting sweeper

The powerful third brush on the RAVO 5 Series can be used to enlarge its sweeping path or to cut weeds without the use of chemicals. A green solution.

► The economical sweeper

The optional dedicated engine management program reduces the fuel consumption up to 35% compared to the already low fuel consumption of the 5-Series.

► The clean sweeper

All RAVO 5-Series sweepers are available with clean Euro 5 engines and Tier 3 engines.

► The robust sweeper

Due to its robust design and state of the art engineering a RAVO 5-Series will operate for many years. RAVO's can be found all over the world, from the cold of Hammerfest, Norway to the desert heat of Kuwait.

► The maintenance friendly sweeper

RAVO's often copied but never equaled brush system requires no greasing.

► The versatile sweeper

Specially Developed for Cities; Small enough to reach those difficult corners, but robust enough for the tough jobs.

► The more than only sweeping sweeper

With an extra water tank, an extra





spray bar in front and a boom with high pressure lance mounted on the roof a RAVO can sweep and wash the street in one go.

concentrate on the road. All handles and switches are placed in such a way that everyone can operate this sweeper.

► **The most popular sweeper**

The RAVO 5-Series is the best sold sweeper in its class. So far more than 4,000 units have been produced and the yearly production has only increased since the first sweeper was produced.

Some cities where the RAVO can be found: Rome, Istanbul, Barcelona, Madrid, Amsterdam, Nairobi, Moscow, Helsinki, Bordeaux, London, Bern, and many more.

► **The logical sweeper**

Get in and drive: The RAVO 5-Series has been designed in such a way that the driver can fully

► **The guaranteed sweeper**

All RAVO sweepers enjoy a warranty of 2000 hours or 2 years, which ever comes first. Apart from this RAVO guarantees 24/7 technical back up and 24 hours parts service.

► **The ultimate sweeper**

- Sweeping path from 2 m up to 3.2 m
- 5.5 Tonnes payload
- 5.5 m3 container volume
- Spacious ergonomic cabin
- Maintenance friendly brush system
- Logical operation
- Over 4,000 sold worldwide





The cleanest in its class
with the biggest payload

RAVO 5-Series Technical specifications

TYPE	RAVO 5-SERIES		
Version	Standard hopper Tipping	Big hopper Tipping	Container Dump
Gross Volume [m³]	5,0	5,5	5,0
Loading Capacity / Payload [kg x 1000]	Up to 5,50 tonnes	Up to 5,50 tonnes	Up to 5,25 tonnes
Well-Being			
Noise Emission Lpa dBA	65 - 77		
Noise Emission Lwa dBA	97 - 110		
PM 10 Dust Filtration	Standard		
Dust Filter	Optional		
RAVO water stop system	Standard		
Water Recycling	Optional		
Engine & Drive system			
Engine brand / Type / Combustion process	Iveco / NEF / Diesel		
Emission Level	EURO 5		Tier 3
Number off cylinders	4		4
Maximum Torque [Nm]	535 @ 1200-2100 rpm		560 @ 1400 rpm
Maximum Power [kW]	118 @ 2700 rpm		104 @ 2200 rpm
Speed [km/h]	25 - 80		
Drive line system	Linde		
Type Drive Line System	Hydrostatic continuously variable		
Dimensions, Weight, Capacities			
Turning radius curb to curb [mm]	5070		
Gradeability	Up to 30%		
Length [mm]	4525		
Width [mm] [Incl. mirrors]	1805 (2280)		
Height [mm]	2495	2685	2495
Sweeping Width [mm] [optional] [3rd Brush operational]	2000 (2200) (3100)		
Gross Vehicle Weight [kg]	11400		
Unladen Weight [kg]	5900	5950	6160
Capacity fuel tank [liter]	105		
Capacity water tank [gross liter]	600		
Increased water capacity	1000	1250	750
Capacity adblue tank, EURO 5 engine only [liter]	25		
Brakes, Electricity			
ABS	Optional		
Front brakes	Hydraulically actuated servo drum brakes* or hydraulically operated disk brakes		
Rear brakes	Hydrostatic hydraulically actuated servo drum brakes		
Front suspension	Independent hydro-pneumatic suspension		
Rear suspension	Rubber cone springs		
Battery (V/Ah)	2 x 12 / 72		
Voltage (V)	24		
Hopper			
Dump height [mm]	850	850	1550
Discharge system	Tipping	Tipping	Ejection plate
Material	Stainless steel		
Chassis			
Material	Corten steel, 4 mm		
Suction system			
Capacity blower [m³/min] [m³/h]	233 (approx. 14.000)		
Suction nozzle dimensions l x w [mm]	120 x 630		
Suction nozzle material	Corten steel		
Suction tube diameter [mm]	225		
Suction tube material	Stainless steel		
Brush system			
RAVO unique brush system	Standard		
Brush diameter [mm] (optional)	750 (900)		
Operation	Joystick		
Brush rotation speed [rpm]	0 – 165		

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