

Simply. Work. Better.

One-stop solutions for airports

www.aebi-schmidt.com

 **aebi schmidt**
group



Snow cutter blowers

❶ Supra

Snow ploughs

❷ Tarron MS

Jet sweepers

❸ TJS/TJS-C

❹ CJS

❺ CJS-DI

Mounted sweepers with magnet bar

❻ AS 990 and PMB 2400

Sprayers and spreaders

❼ ACE-RSP

❽ ASP

❾ ACE





Sweepers

- 1 Swingo 200+
- 2 Cleango 500
- 3 Street King 660

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Accomplishing more together.

Aebi and Schmidt – two traditional brands of special-purpose vehicles and attachments united to form the Aebi Schmidt Group. Discover our extensive product portfolio and one-stop solutions for airports.



SNOW CLEARANCE

The requirements for smooth airport operations are growing ever more demanding. From effective clearance times and harsh snow conditions, to environmental regulations – each airport is unique. Aebi Schmidt develops machines and components that are capable of handling any situation you might encounter. Aebi Schmidt airport technology clears snow in a flash and keeps you ready for take-off at all times, even when conditions in traffic areas change quickly.

The next blast of winter may be just around the corner, but with our machines it won't slow you down.



Jet sweepers

Back to blacktop in a single work step.

Three process steps combined in a single operation:

1. The snow plough clears the majority of the snow to the side.
2. The brush roller clears away the remaining snow and slush.
3. The blower unit generates a powerful jet of air that sweeps across the entire sweeping width, removing any remaining moisture.

And, with that, the runway is ready for flight operations.

TJS (Towed Jet Sweeper): as flexible as the weather.

The machines are equipped with a snow plough, a sweeping unit and a blower unit and are pulled by a towing vehicle. Tailored to your specific needs, the functions can be controlled manually or synchronously.

TJS-C: efficient and sustainable.

Volvo TJS-C: the unique power car with articulated steering provides maximum clearance capacity. With the Volvo power car, biodiesel and biogas can be used as fuel, making it the first CO₂-neutral jet sweeper in the world. What's more, HVO (hydrated vegetable oil) can be used as an alternative type of fuel.

MB 5

The MB 5 is a compact jet sweeper with a front-mounted snow plough, a brush between the axles and a blower positioned in front of the rear axle. It is similar to a TJS-C flanged directly to the power car.

MB 2

The MB 2 is a towed jet sweeper with a front-mounted snow plough, a sweeping unit and a blower positioned in front of the rear axle. It's similar to a TJS tractor unit. As with the TJS, there are various customer-specific options for the MB 2.

- TJS/TJS-C 420 with a brush clearing width of 3,560 mm/11.7 ft
- TJS/TJS-C 560 with a brush clearing width of 4,750 mm/15.6 ft
- TJS/TJS-C 630 with a brush clearing width of 5,340 mm/17.5 ft
With a sweeping angle of 32°.
- The MB 5 and MB 2 offer the following brush clearing widths:
4,175 mm/13.1 ft
4,700 mm/15.4 ft
5,200 mm/17.0 ft
5,830 mm/19.1 ft
With a sweeping angle of approx. 29.5°

**Our jet sweepers conform to
local emission rating requirements.**



MB 5

TJS

TJS-C



For a green future: the TJS-C's environmentally friendly drive technology.

Airports are facing growing challenges due to environmental and climate protection, which is why Aebi Schmidt focuses consistently on innovations that steer clear of pollutants and CO₂ emissions when developing its machines. The use of environmentally engines for the TJS series is an excellent example of this approach. The required performance of these machines is achieved whilst reducing fuel consumption, demonstrated by the use of Volvo's CO₂ neutral engines. They are powered by a mixture of biogas and biodiesel: the dual fuel system means the engines make an important contribution to your airport's positive environmental assessment. With biogas, some 60% to 85% of the biodiesel can be substituted by gas depending on the load. What's more, HVO (hydrated vegetable oil) can be used as an alternative type of fuel.



Compact jet sweepers

CJS: compact and manoeuvrable.

The CJS is a compact jet sweeper fitted with a front mounted MS snow plough, a sweeping and blower unit. To simplify work on aprons in particular, the CJS's turning circle is minimal at roughly 15 m/49.2 ft.

MB 3: for light snow.

The MB 3 is particularly suitable for light snow and slush. With its compact size and a front-mounted brush roller, this sweeper is exceptionally manoeuvrable.

- CJS with a brush clearing width of 3,560 mm/11.7 ft (sweeping angle 32°)
- MB 3 with a brush clearing width of
 - 4,175 mm/13.1 ft
 - 4,700 mm/15.4 ft
 - 5,200 mm/17.0 ft
 - 5,830 mm/19.1 ft(Sweeping angle approx. 29.5°, optionally up to 35°)



MB 3

CJS



‘The Schmidt CJS impressed us with its outstanding coverage, manoeuvrability and synchronised component operation. We can now make it to the runways even faster and clear them more efficiently. The machine also scores points for its straightforward, intuitive operation. We are completely satisfied with our choice.’

Richard Duncan, Head of Airfield Services, Leeds-Bradford Airport, UK





CJS-DI

CJS-DI: compact jet sweeper with de-icer.

The CJS-DI is a compact jet sweeper equipped with an additionally mounted spreader, sprayer or combination de-icer to suit your requirements. A snow plough is attached on the front, while the sweeping unit and high-performance blower are installed between the axles. The rear-mounted de-icer completes the package.

This multifunctional machine provides reliable snow clearance at high clearing speeds.

- CJS-DI has a brush clearing width of 3,560 mm/11.7 ft (sweeping angle 32°)
- Filling volume for the optional sprayer approx. 5,000 l/1,320 gal
- Spreading width for the optional sprayer up to 15 m/49 ft
- Spreading width for the optional spreader up to 24 m/78.7 ft

CJS-DI



'The compact concept of the Schmidt CJS-DI has had us convinced right from the start. It helps us to clear snow and ice from the tarmac in the shortest possible time, which ensures that flights run on time during the winter. Schmidt's CJS-DI certainly offers best-in-class performance in terms of manoeuvrability, state-of-the-art technology and intelligent assistance systems.'

Klaus Bahya, Senior Expert in Fleet Renewal & Fleet Projects, Stuttgart Airport

Snow ploughs

**Simply push the problem aside:
with our snow ploughs – faster, more flexibly and more thoroughly.**

Tarron MS: robust and effective for fast clearing performance.

The ploughs of the MS series are specifically designed for high speed snow clearance. With our folding ploughs, the outer blades can be retracted, allowing for very narrow drive-through widths. Powerful clearance and large throwing distances with a clearing width of 6,780 mm/22.2 ft.

SNK 55.1: ideal for small amounts of snow.

For small amounts of snow, wet or slushy conditions, we recommend our single-blade, lightweight SNK 55.1 series. The plough allows driving speeds of up to 60 km/h/37.2 mph and has a clearing width of 4,535 mm/14.8 ft.

A small idea with a big impact: the ejection lock from Aebi Schmidt.

Available as an option on many of our snow ploughs, the ejection lock technology is especially useful in particularly sensitive areas such as aprons. The application prevents ejection of the snow to the side while providing total clearance with no remaining snow or slush.

Tarron MS



MS 72.1

Snow cutter blowers

Major snow a daily occurrence?

Make light work of clearing it with our innovative snow cutter blowers.

Supra: a versatile workhorse.

Concentrated force and maximum convenience for rapid snow clearance whilst dealing with large accumulations of snow.

FS 110 T: the powerful high-performance snow cutter blowers for attachment to powerful tractors.

Thanks to the Supra 5002 high-performance clearing head, the FS 110 T offers exceptional clearing performance. It's a robust machine that's perfectly adapted to the implement carrier or tractor.

- Supra 4002 with 330 kW (448 hp), clears up to 3,500 t/h, ejects up to 40 m/131 ft
- Supra 5002 with 440 kW (598 hp), clears up to 5,000 t/h, ejects up to 40 m/131 ft
- FS 110 T with 250 kW – 400 kW (340 hp – 544 hp) Clears up to 5,000 t/h, ejects up to 40 m/131 ft, depending on the respective engine output.

MB 3 and MB 4

The MB 4 Chassis is designed for mounting snow cutter blowers. The MB 3 Chassis has a lower engine output and is therefore primarily intended for attaching front brushes or snow ploughs.

- **MB 3:**
Output: 375 hp (275 kW)
Additional attachments: surface ice scraper
- **MB 4:**
 - Drive motor output: 500 hp (367 kW)
 - Auxiliary engine for clearing head drive: 755 hp (555 kW), optional 800 hp (588 kW)
 - Clears up to 7,500 t/h, ejects up to 45.7 m/150 ft
 - Additional attachments: snow ploughs, front brushes, towed jet sweepers, surface ice scrapers



FS 110 T



MB 4



Supra 5002



Tarron

KL-V



U-LS

Snow ploughs

Our efficient ploughs offer you the ideal solution for every snow situation.

SNK: ideal for light snowfall.

The SNK has just one blade and is made of high-quality plastic. It is designed for quick and easy removal of slush, remaining and light snow. Clearing widths at 30° between 1,550 mm/5 ft and 3,180 mm/10.4 ft.

Cirron: more snow, more blades, more clearance.

The Cirron is suitable for larger amounts of snow. The elastic spring links and the flexible blade control guarantee a high level of comfort and optimum clearing results. Clearing widths at 32° between 2,035 mm/6.7 ft and 3,390 mm/11.1 ft.

Tarron: ideal for heavy snowfall.

The multi-bladed Tarron series is the perfect solution for very large amounts of snow. Developed for highly demanding snow clearance, it has a large throwing distance. An optional ejection lock prevents uncontrolled side deposits of snow and protects valuable objects such as vehicles and buildings. Clearing width at 32° between 2,290 mm/7.5 ft and 3,390 mm/11.1 ft.

Special snow ploughs

KL-V

Extremely flexible and robust. Wedge-shape, V-shape or one-sided clearance, with cutting edges of up to 4 m/13.1 ft.

U-LS

A powerful plough for one-sided or U-shaped snow clearance, at widths from 3.7 m to 5.5 m/12.1 ft to 18 ft. For mounting on tractors, front loaders or vehicles with mounting plates.



Snow cutter blowers

When the going gets tough: our efficient snow cutter blowers clear the way for you.

FS-HP series: full speed ahead with high, hard-packed and frozen snow.

High-performance snow cutter blower designed specifically for hard snow and larger accumulations, clearing widths from 1,600 mm to 2,650 mm/5.2 ft to 8.7 ft, for mounting on implement carriers or tractors.



FS-HP

The background image shows a hazy, foggy airport scene. On the right side, the tail and wings of a commercial airplane are visible, flying towards the left. In the distance, several tall, thin navigation or lighting towers stand against the misty sky. The foreground is a flat, grassy field. A large, dark, diagonal shape is overlaid on the bottom half of the image, containing the text.

DE-ICING

There's no two ways about it: safety is the top priority at every airport. And an ice-free runway is crucial in this regard. After all, if the surface has iced over or can't be de-iced quickly enough, costly delays can ensue. With our versatile and powerful spreaders and sprayers, you can fight icy surfaces at your airport efficiently and reliably – for safe traffic areas all around the airport grounds. Whether you're dealing with ice before or after it's formed, Schmidt's custom-made solutions leave nothing to be desired. Dialogue is the key to success. Our specialists will provide detailed advice and develop a solution that's ideally suited to your requirements.



Weather	Road surface	Purpose	De-icing/gritting material	Dosage*
Dry frost	Dry	Anti-icing	Liquid**	15 g/m ²
Frost	Dew			25 g/m ²
Wet frost	Damp			35 g/m ²
Ice forecast	Damp			35 g/m ²
Light snowfall	Wet	De-icing	Pre-wetted	15–40 g/m ²
Heavy snowfall	Snow		Dry media	20–40 g/m ²
Ice/sleet	Snow		Sand/grit	100–150 g/m ²

* Depending on weather and local conditions

** E.g. acetates, formates and glycol



ASP

Nozzle sprayer

Your choice for liquid de-icing throughout the airport.

ASP: maximum spraying width

This premium sprayer with a spraying width of 24 or 30 m/78.7 or 98.4 ft ensures fast, targeted and precise application of de-icing agents. The high-performance ASP is available as either a fixed attachment or a swap body for trucks.

AirportLogic – the spray control and guidance system.

AirportLogic is an innovative control system that enables you to reduce untreated areas and optimise the consumption of de-icing material or grit in real time using GPS. With this system, costly double treatment and missed areas are a thing of the past.

ASP



‘The Schmidt ASP is the ideal machine for us when it comes to sustainable, resource-efficient de-icing. It requires less de-icing agent than other sprayers and the amount can be calculated more precisely – which is both more cost-effective for us and better for the environment. The fact that we can fold and unfold the spraying arms while the vehicle is moving helps us to clear the runway for air traffic even more quickly.’

Richard Duncan, Head of Airfield Services, Leeds-Bradford Airport, UK

Combination machines

Spraying and spreading in one work step?

With our combination machines, solid and liquid spreading materials can be applied separately or mixed in a single operation – an intelligent concept that ensures the ideal de-icing solution for every situation.

ACE: with two special discs.

Equipped with two special discs, the ACE can deploy both gritting and spraying agents for de-icing. It is designed for mounting on large carrier vehicles. Spreading width: 6 to 24 m/19.7 to 78.7 ft.

Spraying width: 6 to 15 m/19.7 to 49.2 ft.

ACE-RSP:

great operational flexibility thanks to special discs.

The ACE-RSP has four special spraying discs: two slanted discs are located at the rear of the chassis, while one additional disc is mounted on each spraying arm.

Spreading width: 6 to 24 m/19.7 to 78.7 ft.

Spraying width: 6 to 15 m/24 m/19.7 to 49.2/78.7 ft.

ACE-ASPS: multifunctional thanks

to special discs and spraying arms.

The ACE-ASPS features two special discs and spraying arms with nozzles over 16 m/52.5 ft. Optional ejection nozzles can extend coverage to max. 24 m/78.7 ft.

Spreading width: 6 to 24 m/19.7 to 78.7 ft.

Spraying width: 4 to 24 m/13.1 to 78.7 ft.

ACE-ASP:

innovative technology for an ideal spraying width.

In the ACE-ASP, electrically controlled nozzles and two special spraying discs work in combination.

Spreading width: 6 to 24 m/19.7 to 78.7 ft.

Spraying width: 4 to 24 m/13.1 to 78.7 ft.

CSP:

This machine applies liquid de-icing agents via spraying nozzles operating at road speed-related speeds. Thanks to its modular design, the CSP is highly variable in its composition.

- Variant with flatbed with 700, 1,000, 1,600, 2,400 or 3,000 l/185, 264, 422, 634 or 792 gal
- Variant with trailer with 1,000 l/264 gal
- Variant with three-point linkage (Cat II/IIIN) with 350, 650 or 1,000 l/92, 172 or 264 gal



ACE-ASP



ACE-RSP



ACE

Attachment, mounted and trailer spreaders


- **Stratos medium product line**
from 1.7 m to 3.0 m³/2.2 yd to 3.9 yd³
ideal for UNIMOG and medium-sized carrier vehicles
- **Stratos large product line**
from 4.0 m to 9.0 m³/5.2 yd to 11.8 yd³
and a spreading width of up to 12 metres
- **Stratos XL**
in 10.0 m and 12.0 m³/13.1 yd and 15.7 yd³
models for mounting on four-axle trucks
- **Stratos F**
Flat silo spreader from 1.1 m to 4.4 m³/1.4 yd to 5.8 yd³. A low-slung profile and low centre of gravity make this model ideal for use in mountainous regions and give it excellent manoeuvrability.
- **Stratos D**
Dual chamber silo system from 1.2 m to 6.0 m³/1.6 yd to 7.8 yd³. With two separate chambers, two different agents can be used at once and varying mixture ratios employed.
- **Traxos**
Attachment spreader from 0.5 m to 1.8 m³/0.7 yd to 2.4 yd³. For three-point attachment to tractor.
- **Syntos**
From 0.8 m to 1.7 m³/1.0 yd to 2.2 yd³, available as mounted and trailer spreader. Containers made of plastic. Spreading width up to 6 metres.

The modular Stratos concept forms the basis of the ACE series machines.

Stratos







SWEEPING

Combine our Schmidt winter maintenance technology with summer sweeping know-how and benefit from smooth user-friendly interfaces. Take the standardised control panel on our airport equipment, for example – it's a benefit that you'll find pays off every day of the year. It goes without saying that our machines achieve residue-free removal of glycol, which is used as an aircraft de-icing fluid, as well as FOD (foreign object debris) hazards – objects that can damage aircraft if propelled up into the air.

To handle these hazards, we offer you more than just high-performance machines, magnets, special brushes and suction fans. We also provide detailed technical consulting services too. For every area of your airport: airside and landside. Whether you need them for runways, taxiways, parking lots or airport parking garages, solutions from Schmidt will ensure that your passengers depart for their destinations on time.



ASC 990 und AS 990

Mounted sweepers

AS 990:

zero-compromise high-speed cleaning.

Equipped with two circular brushes, a rear-mounted sweeping unit and a high-power suction fan, the machine covers large areas quickly in a single work step. The AS 990 clears solid materials like leaves, dirt and debris, as well as liquids such as de-icing agents and surface water.

ASC 990: a specialised sweeping machine.

The ASC 990 cleans aircraft parking bays by applying a mixture of detergent and water. The machine is particularly suited to intensive cleaning of transport areas and collecting substances such as oil.

VKS: robust brush roller for slush.

The VKS clears taxiways and aprons of coarse and heavy dirt. A water spray system with nine spraying nozzles is used for low-dust sweeping. Specially designed brush stockings make the VKS an efficient machine even in winter.

PMB 2400: metal parts have nowhere to hide.

With an attractively strong performance, the PMB 2400 magnet bar picks up the smallest magnetic objects, ensuring residue-free clearance of all FOD on runways.



ASC 990

'The Schmidt brand stands for safety and reliability. The most important feature of these special Schmidt vehicles is that they work efficiently. Our drivers particularly like the simple, intuitive operating principle and the standard operating/machine concept. The latest member of the Schmidt family, the ASC 990, helps us to offer top-class service for airlines and their passengers.'

**Giles Peeters, Airside Operations Duty Manager,
London Stansted Airport**

Compact sweepers

Small, smart, uncompromising: our compact sweepers make for great views.

Swingo 200+ with 2 m³/70.6 ft³ hopper capacity

Customers in 40 countries around the world value the Swingo 200+ for its reliability, safety, efficiency and long service life. We're proud of the trust placed in us and the success story of over 6,000 machines delivered worldwide. See for yourself what a difference it makes.

Models:

- Swingo 200+ 2 brushes
- Swingo 200+ 3 brushes
- Swingo 200+ Koanda
- Swingo 200+ SKR (gully cleaner)
- eSwingo 200+ (fully electric)

Cleango 500 with a 5 m³/176.5 ft³ hopper offers both the capacity of a larger mounted sweeper and the manoeuvrability of a compact sweeper.



Swingo 200+



Street King 660



AS 660



ARC 0800

Mounted sweeper

Our mounted sweepers: thorough cleaning for routine to special operations.

Street King 660 is an especially powerful and efficient mounted sweeper. It boasts outstanding suction performance, a large 7 m³/247.2 ft³ hopper and a high water volume for long jobs and maximum efficiency. With a self-supporting frame, the mounted sweeper can be attached to almost any truck type, provided that its load capacity conditions continue to be satisfied for approval – a unique concept that offers maximum flexibility and adaptability.

AS 660 with optional rear suction vehicle

The Street King 660 has become the AS 660 compact airport sweeper. With the rear-mounted sweeping unit and high suction performance, the AS 660 thoroughly cleans the runway of leaves and dirt as well as liquids such as glycol. You benefit from suction extending across the entire vehicle width.

Modelle:

- SK 500 • SK 600 / 700 • SK 1200

SK 660 with optional ARC 0800

With this option attached, the SK 660 can be used to remove rubber marks or runway and other markings. The ARC 0800 option includes an additional tandem trailer with a diesel engine and an ultra-high-pressure pump. An additional special suction unit is mounted between the axles of the SK 660 to suck up the rubber marks or the particles of the removed markings.

The water is carried in the water tank of the SK 660 and the dirty water and dirty particles are sucked into the dirt collector. You benefit from virtually residue-free removal of rubber and marking residues in your airport traffic areas. The machines are characterised by state-of-the-art technology, extreme ease of use and exceptional manoeuvrability. Yet another application that you can cover with the SK 660.

A wide-angle photograph of a highway interchange under a clear blue sky. A tall, slender light pole stands prominently in the center. In the foreground, a lush green field is visible, with a small utility box on the right. The highway bridge spans the middle ground, with several cars visible on it. A large billboard is mounted on the bridge structure.

GREEN SPACE MAINTENANCE

Decades of service – our Aebi implement carriers are as versatile, reliable and sturdy as Swiss army knives. They are in their element on the flat or on steep slopes, on wheels or crawlers, with a beefy turbo diesel engine or a clean electric motor, and even with an autonomous driving option. Working to your requirements, all year round ...





A soundproofed cab, air conditioning for a comfortable shift, convenient features – a seat in our Aebi Terratrak (TT) is the most user-friendly workspace in the sector. The larger windows give an all-round view of surroundings, terrain and tools. The space and functions available are truly impressive: this driver station meets the most stringent standards.

Buy now, profit later.

Our multifunctional, high-performance implement carriers are a great investment in your future. Offering both outstanding cost-effectiveness and unbeatable value retention, this purchase will pay off for years to come. These machines' overall cost-effectiveness is boosted by their excellent area coverage rates, efficient engines, alternative drive designs and use of the latest technology, which can adapt to various applications, thus saving resources. The Aebi TT 211 is now available as an autonomous vehicle that mows your green spaces independently.



EC 170

Aebi TT 281



Aebi TT 211 Autonom

Aebi Terratrak implement carriers for sloping terrain

- Aebi TT 206 (50 hp/37 kW)
- Aebi TT 211 (72 hp/53 kW)
- Aebi TT 241 (75 hp/55 kW)
- Aebi TT 281 (109 hp/80 kW)

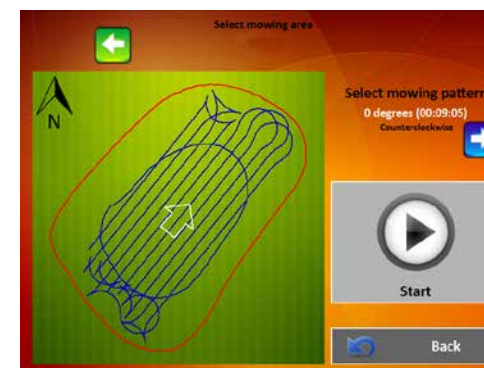
Optional accessories:

- Crawler undercarriage
- Autonomous driving
- Overhead winch for greater safety on very steep slopes (for the TT 281)

Electrical implement carriers

100% electrically powered, 100% off-road-ready, 0% emissions. Ready for a new, compact and flexible partner?

- Aebi EC 130 remote-controlled implement carrier with 18 kW/24.5 hp
- Aebi EC 170 ride-on implement carrier with 18 kW/24.5 hp and optional remote control



Keep track of everything

Any time, anywhere.

SmartCare Solutions

Data and information are more readily available than ever: don't neglect to sweep it up! Whatever your area, your economic success is highly dependent on the intelligent provision and useful transmission of data. We offer systems and in-house developments that enable you to transparently and comprehensively document the personnel and machine services provided. Regardless of the type of work involved, with our solutions you can quickly and easily generate clear summaries of the resources used and thus analyze the quality of work performed.



Power your knowledge

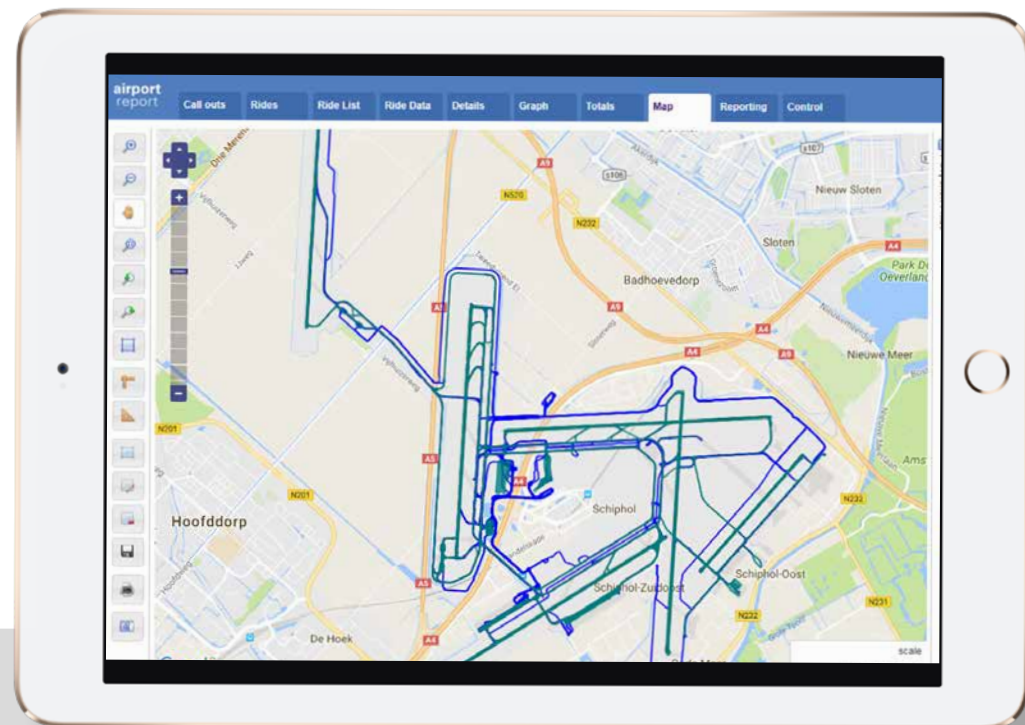
Keep track of everything with our telematics platform. Any time, anywhere. Track your GPS and data controller-equipped vehicles online and in real time. The call module lets you communicate quickly and easily with the driver and allows you to pass on instructions precisely. A tool for comprehensive selection and analysis helps you to see what work has been done in precise detail and provides legally compliant documentation.

Pick and mix to suit your needs

Choose from 'light', 'premium' or 'expert' packages and benefit right away from a way to optimise your deployments, manage your fleet efficiently and document your work.

See all your jobs at the touch of a button.

The intelligent provision and effective use of data are crucial to success in many fields today. The telematics platform provides real-time information concerning the quality of the work and clear summaries of the resources used.





Charge the change – Generation e

'Air pollution control and noise reduction are becoming increasingly important for you as an airport. The European Union has also set itself the target of reducing CO₂ emissions by 80% from 1990 levels by 2050. This demands a rethink throughout society – and new approaches from companies such as Aebi Schmidt. For us and our customers, sustainability also means being fit for the future. The Aebi EC and the eSwingo 200+ are key models from which we can consistently expand our range of alternative drive concepts. For users, conversion to electric drives often demands

changes to operating processes and infrastructure, as well as long-term planning and major investments. So 'Generation E' means an integrated concept: superior technology, maximum comfort and a customised business model. We want to be a full-service provider. And as such we take on many of our customers' tasks for them. The customer benefits from optimised processes and saves resources.'

Barend Fruithof, CEO of Aebi Schmidt



eSwingo 200+



The benefit to you:

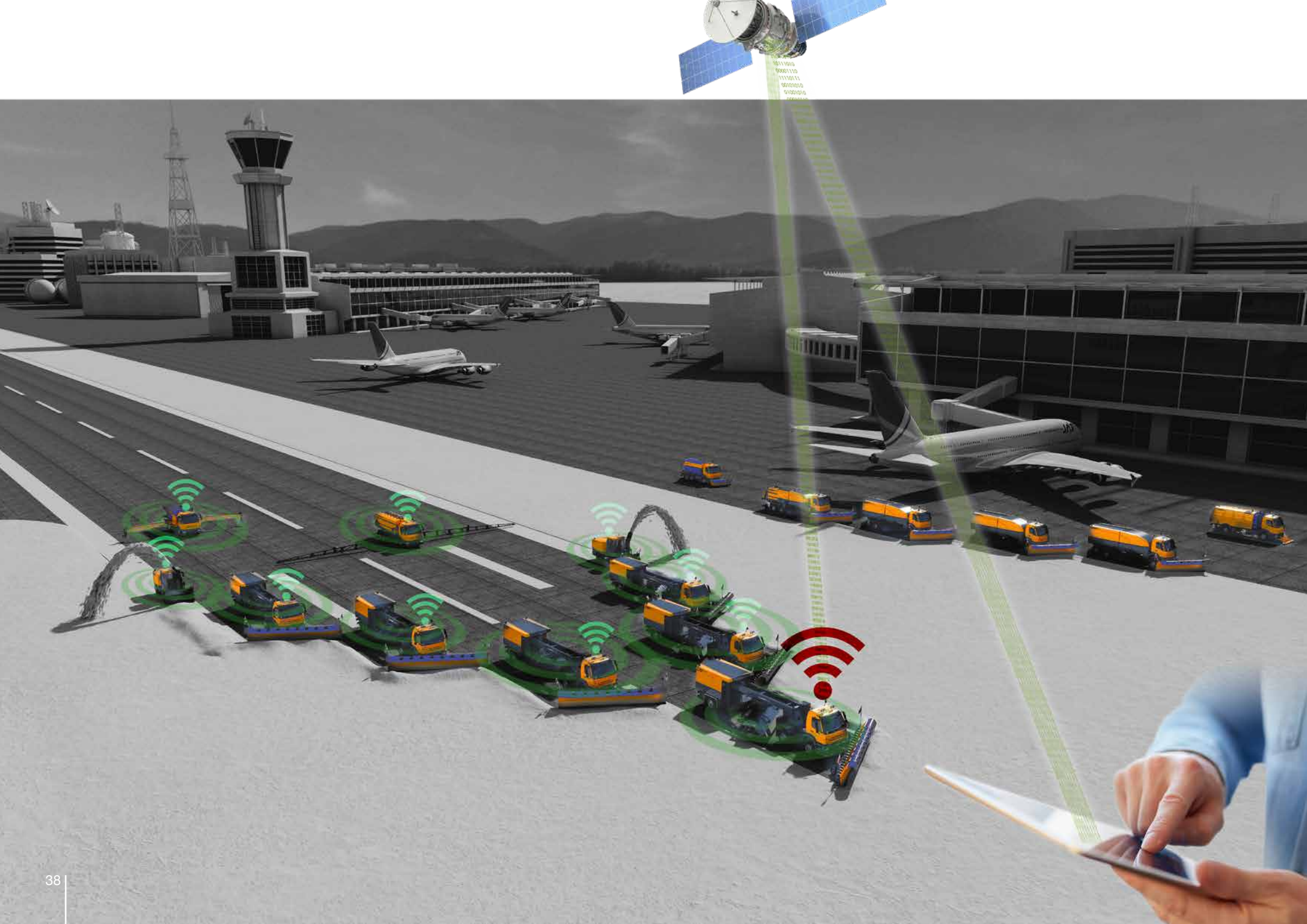
- 85% reduction in energy costs
- Up to 70% reduction in maintenance costs compared to a diesel model
- Battery service and diagnosis is carried out by Aebi Schmidt, as are the complementary returns and recycling
- Quiet in operation, making it suitable for operation early in the morning or late at night

Making a truly clean sweep

Proven technology that is simpler and cleaner than ever before.

The drive of the Schmidt eSwingo 200+ is propelled entirely by electric power, making it not only one of the cleanest compact sweepers on the market, but also a cost-saver overall. Across the lifecycle of the machine, low requirements for energy and maintenance, as well as a longer amortisation period, mean that the costs for this electric model are similar to those incurred by the Swingo 200+ with diesel engine. Both the environment and the budget benefit.

A powerful rechargeable battery with a capacity of more than 60 kWh that facilitates runs of up to 10 hours without recharging makes the eSwingo 200+ unique in its class. The usual excellent suction performance is similar to the diesel model, but with the electric drive suction is almost silent: a new dimension in 'invisible sweeping'.



Autonomous driving Training simulator

Take-off to the future.

Automation is already a natural part of our daily lives. And the world of airports is becoming increasingly interconnected as well. In future, automated jet sweepers will set the standard for safety, efficiency and environmental friendliness at airports. The development of automation is determined by the needs of our customers. This is why Aebi Schmidt is introducing automation one step at a time: from driver guidance-supported systems with interactive displays and semi-automation with multiple automated functions such as networked driving throughout a fleet, to full automation with totally autonomous driving and steering in predefined areas.

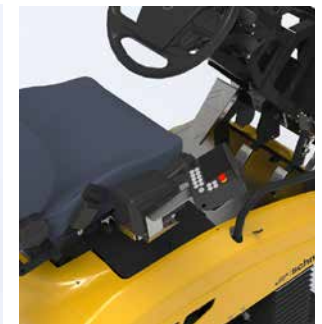
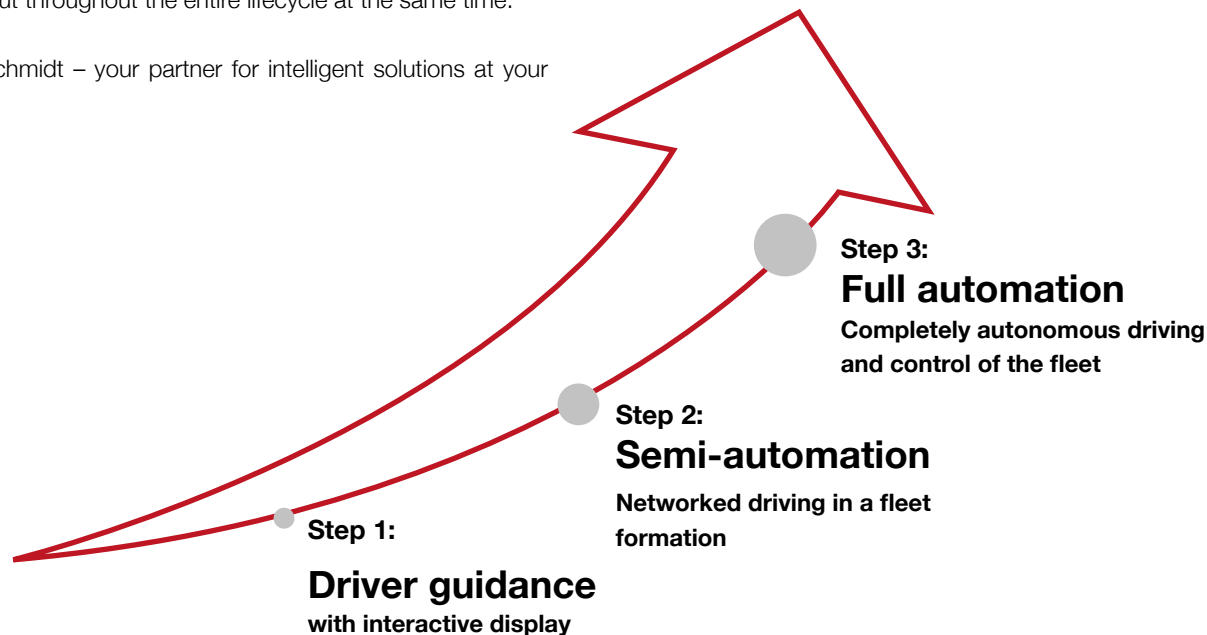
The advantages are clear: optimised snow clearance, even safer and more precise travel around airport traffic areas and costs cut throughout the entire lifecycle at the same time.

Aebi Schmidt – your partner for intelligent solutions at your airport.

Working with a renowned external partner that is a market leader in the HGV simulator sector we have developed a TJS jet sweeper training simulator. Come snow or rain, day or night, the simulator permits efficient training under realistic conditions well before the winter season arrives. The training simulator therefore significantly enhances and simplifies your training requirements. The biggest advantage is that controlled and cost-effective training is carried out without any risk of damage to equipment or aircraft. And because training takes place without using the actual machines, the customer saves on maintenance and fuel costs as well. But that's not all.

Other benefits include:

- Training with multiple drivers, practising complex, multi-operational manoeuvres and co-ordination of fleet operations
- The use of the jet sweepers' actual control units familiarises operators with use of the machine long before operating a real machine for the first time
- No risk for inexperienced personnel, cost savings, efficient training time, easily available machine
- Learning from mistakes without any adverse effects on the driver, machines or the environment
- Various display options: one or more screens, driver view, bird's eye view or 3D glasses







Experience. Expertise. Partnership.

Aebi Schmidt: reliable from the ground up. The safe partner for all of your objectives.

Aebi Schmidt has been developing, manufacturing and planning smart solutions for winter maintenance technology for over 100 years – we have a broad-based wealth of expertise that enables us to guarantee our airport customers maximum safety and efficiency. Whatever the weather, around the clock. Whether you're in Shanghai, Moscow, Dubai, Stockholm, Frankfurt, London or Québec. Aebi Schmidt offers you custom-made, premium solutions for every conceivable detail. Achieve your future goals with us as your partner! Efficiency and reliability in winter maintenance technology: with Aebi Schmidt, your airport fleet will be prepared for the challenges of every weather situation on both the airside and landside.

Be ready for winter and sweep up in the summer!



'Being responsible for Swedavia's fleet workshop, I would like to express my heartfelt thanks to the Aebi Schmidt Group for its dedication. Particularly during the holiday period between Christmas and New Year, when Aebi Schmidt supported us with spare parts for our airport sprayers. The machine is critical to ensuring the airport remains running and long downtimes would have massive consequences. Aebi Schmidt's dedication prevented such a situation from occurring and demonstrated the value of having a supplier with the right attitude and the right customer focus.'

Filip Dyrvall, Maintenance Manager, Swedavia, Sweden





ABOUT THE COMPANY

Shaping our future, together

A true commitment to service cannot be just an empty promise; it has to be proven in practice. Aebi Schmidt continually confronts the growing challenges it faces and focuses purposefully on an all-inclusive approach that integrates service, production and logistics, but places you, the customer, at the forefront. Your actual experience is a key factor.



Spare parts

Enjoy rapid availability of spare parts, including reliable procurement. Aebi Schmidt has a highly efficient global spare parts management system and always has more than 96,000 spare parts in stock.

Customer service

We will be there when you need us – a promise you can profit from! Whether you need an immediate emergency response, customised service contracts, first-rate personnel training, spare parts management or expert advice, Aebi Schmidt customer service delivers optimum support in every situation.

Training

Workplace safety is a top priority. To ensure it remains so, Aebi Schmidt can provide professional, practical training courses and professional development.

A global network

Aebi Schmidt maintains a constantly expanding global sales and service organisation. Our own sales and service organisation is responsible for the European and North American markets, while customers elsewhere are supported by our global network of retailers.

Together we can move mountains

We aspire to contribute to a safer, cleaner and more scenic world and do not take anything for granted. We aim to take new approaches, shape new designs and implement new innovations. This is motivated by our underlying conviction that everything we do serves a single purpose: we believe in reliability, innovation and efficiency. We measure our success by these benchmarks. And this success is always down to the people who work with us.

Because we love what we do.



Scan to discover Aebi Schmidt on YouTube.

Aebi Schmidt Holding AG
Marketing and Communication

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