SMALL FOOTPRINT, BIG IMPACT

Catalogue
Compact

WM TECHNICS

Catalogue
Compact

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COMPANY

Young, vibrant, and cutting-edge:
At WM technics, innovation is our top priority - for both us and our clients.

Established in 1986, WM technics crafts premium ice resurfacing machines suitable for every surface and requirement. Our state-of-the-art models stand out with their advanced technology, user-friendly operation, certified safety, and contemporary design.



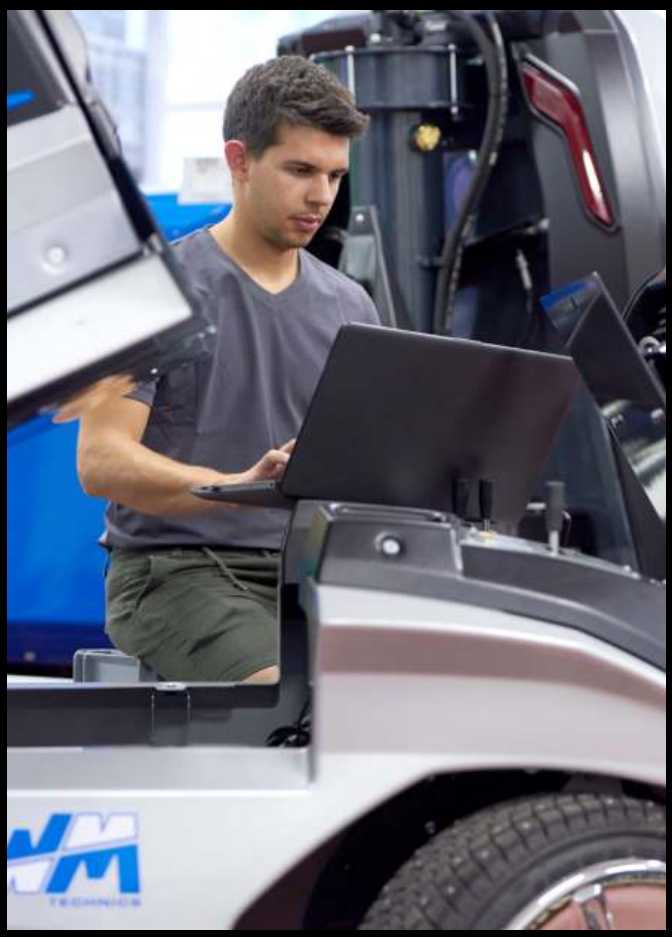
Ice resurfacing machine
WM 2300.
Year of construction 1986

Here's what we have to offer

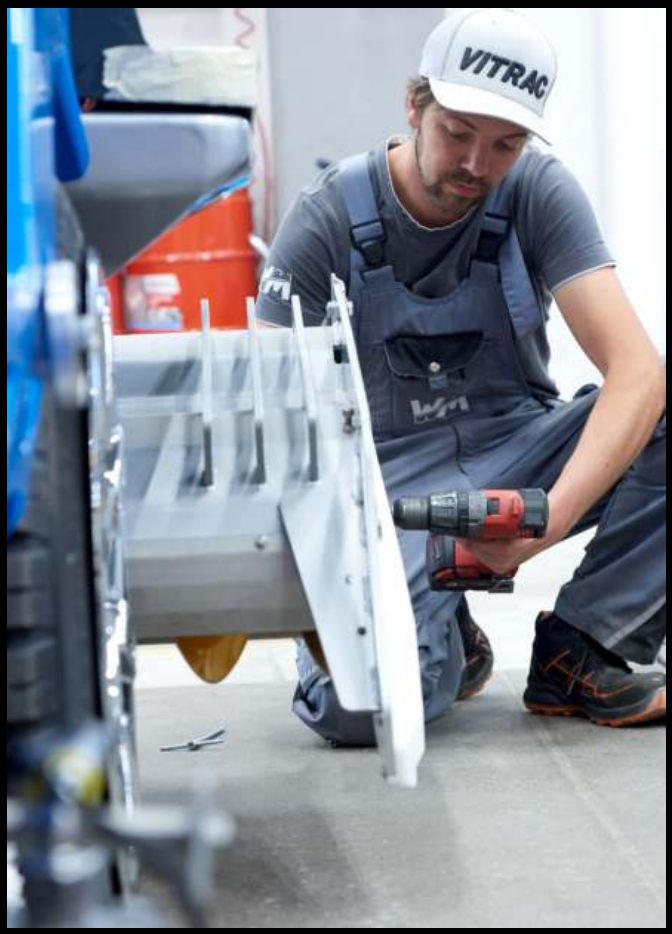
Whether catering to professional ice needs within an arena or on a transportable rink, the distinction is minimal: WM technics consistently offers the optimal solution for any requirement. Owing to our relentless pursuit of product excellence, we pioneer cutting-edge standards and stand as a prominent leader in the worldwide market. Powered by our robust digital infrastructure, design, part production, and the assembly of ice resurfacing machines are conducted at our South Tyrol-based facility (Italy). In this manner, WM technics guarantees unparalleled quality, attending to every intricate detail. Bespoke setups built on customer specifications, reduced maintenance commitment, and steadfast assistance affirm WM technics as a powerful ally.

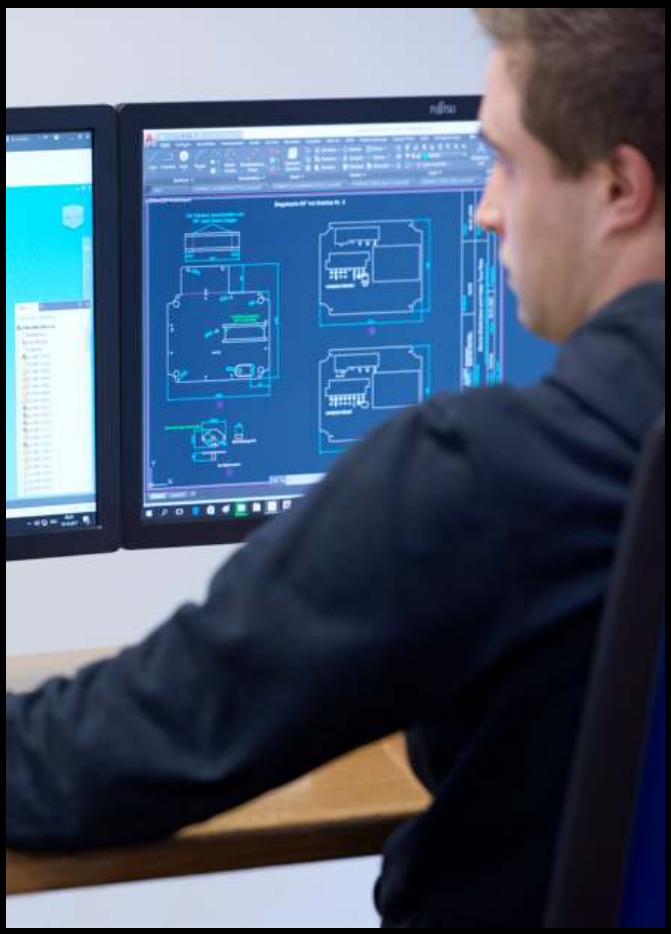


Lukas,
Assembly Team






VITRAC



WM plus



Always Ahead of the Curve

With precision, we delve into research, trials, and connections. Our team's years of prowess in development, manufacturing, and setup culminate into a harmonious synergy.



Safety at its Finest

Our cardinal rule: Prioritizing safety and well-being. WM technics' ice machines are designed with intuitiveness and uncompromised safety, meeting European machinery guidelines.



Design with a Spark

WM technics brings to life trailblazing ice machines, always keeping the client and entire production lifecycle at heart.



Precision Production

WM technics manufactures all its turning and milling components with utmost precision in its production department, only sourcing standard parts from reputed manufacturers. Each component is then customized in detail based on its function and crafted with the greatest care.



Streamlined Assembly

WM technics champions the rapid production of ice machines, backed by rigorously organized processes. Every move is intricately mapped and transparent. Our commitment to precision minimizes the need for maintenance.



360-Degree Quality

WM technics designs and produces innovative ice resurfacing machines that meet all efficiency, reliability, longevity, and ease-of-use requirements. Series construction and in-house production also allow for the detailed tracking of all fabrication stages and utilized components.



Sustainability with Vision

WM technics machines are designed to stand the test of time. We advocate for enduring products while keeping an eye on operational expenses. Balancing energy conservation, reduced consumption, and profitability doesn't deter us from delivering peak performance.



Customer-Centric Assistance

Just as our machines care for the ice, we cherish our relationships with our customers: not only before the purchase but also during the commissioning and afterwards. We meet our clients' unique requirements even during the production process, tailoring our approach to their needs.

Compact

ELECTRIC / LITHIUM
DIESEL

11_29

Compact

Compact: the compact, professional solution for perfect ice on smaller areas.

The compact ice resurfacer from WM for small rinks and surfaces of up to 1,200 m².

Compact is the compact professional ice resurfacer for large and small mobile rinks. While the powerful diesel engine is suitable for outdoor use, the electric model with its emission-free AC motor is ideal for indoor use.

The robust Compact resurfacer planes the ice as well as a large professional machine, is easy to use, highly manoeuvrable and offers maximum driver comfort. The Compact guarantees professional ice resurfacing on smaller areas and thus outstanding ice quality for mobile rinks.

	Snow tank volume	1.8 m³ / compacted 2.25 m³
	Water tank volume	600 l
	Blade width	1,700 mm
	Field of operation	Mobile / Event

“People love our ice rinks! This is due to their perfect ice quality, made possible by WM’s Compact, a small, agile ice resurfacer that performs like its big brothers.”

Marcel Krenn - *Technician*
AST Eis- und Solartechnik GmbH, Höfen (Austria)




Zu den Tribünen
Alle Tribune
excellence in modern transport
rothoblaas
rothoblaas
compact

Highlight

Efficient ice resurfacing

Compact may be small, but it planes the ice like a large-scale pro!

With its tried and tested planing system, snow-breaker and integrated side brushes, Compact guarantees perfect, professional ice resurfacing. The hydraulic brushes ensure perfectly smooth edges.





600 litres water

Outstanding planing performance

Integrated side brush

Ease of use

Compact is easy to use, highly manoeuvrable and offers maximum driver comfort. Emptying the coated snow bin is also very easy.

Versatility and practicality combined: its low weight and small size make Compact the perfect choice for an easily transportable ice resurfacer. It can be moved between events on a simple trailer without wasting time on loading and unloading.





Easy to empty

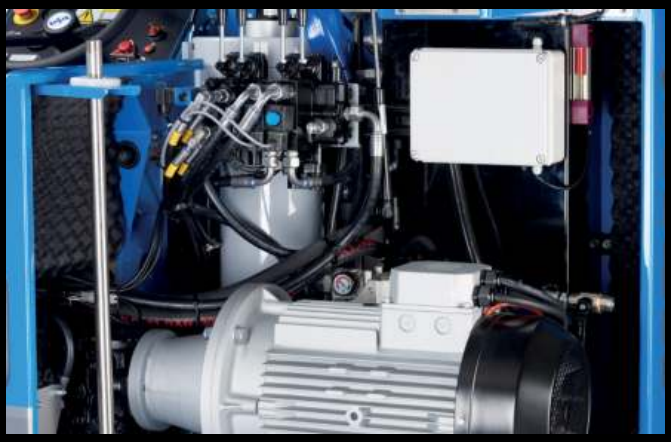
Clear overview of controls

Maintenance

The engine compartment is easily accessible, with no dismantling required. Maintenance is thus quick and inexpensive.



Diesel engine compartment



Electric engine compartment



Battery watering system



Ease of battery maintenance

Easily and quickly accessible

Low maintenance costs

Energy efficient

TECHNOLOGY

Available in two versions – with a diesel engine for outdoor use or an electric motor for indoors – Compact offers outstanding robustness and manoeuvrability. The compact design is combined with high power, meaning its performance is comparable to larger machines.



Electric/Lithium

Facts & figures

Motor	Asynchronous motor
Drive power	15 kW
AC motor controller	AC Curtis
Idle revolutions	900 rpm
Drive revolutions	1,900 rpm
Transmission	continuously adjustable hydraulic four-wheel drive
Speed	0 - 12 km/h
Snow tank	1.7 m³ - compacted 2.1 m³
Water tank	600 l (stainless steel)
Tyres	175 / 70 R 14C 2 rows of spikes

Standard equipment

- Snow breaker
- Hydraulically driven and swivelling side brush
- Parking brake
- Board guide pulley
- Side mirror, rear
- Side headlight
- Flashing warning light
- Audible signal for reverse drive
- Maintenance-free asynchronous motor
- Indicators on the drivers station: water tank level, battery state of charge, current consumption, status motor controller
- Coated snow bin
- PLC control
- Spring-suspended driver‘s seat
- Easily accessible engine compartment (tiltable bonnet)
- 2 blades
- 2 towels
- Scope of delivery set



Diesel

Facts & figures

Engine	Kohler KDW 1404, 4 cylinders 1,372 cm³
Power	25.60 HP (18.80 kW) – 2,700 rpm
Torque	66.50 Nm – 2,000 rpm
Operating torque	2,600 rpm
Fuel tank	27 l diesel
Transmission	Continuously adjustable hydraulic four-wheel drive
Speed	0 - 12 km/h
Snow tank	1.8 m³ - compacted 2.25 m³
Water tank	600 l (stainless steel)
Weight	1,650 kg
Tyres	175 / 70 R 14C 2 rows of spikes

Standard equipment

- Snow breaker
- Hydraulically driven and swivelling side brush
- Parking brake
- Board guide pulley
- Hydraulic oil cooler
- Side mirror, rear
- Side headlight
- Flashing warning light
- Audible signal for reverse drive
- Indicators on the drivers station: water tank level, fuel tank level, engine rpm with control lamps
- Coated snow bin
- PLC control
- Spring-suspended driver‘s seat
- Easily accessible engine compartment (tiltable bonnet)
- 2 blades
- 2 towels
- Scope of delivery set



Included in delivery (Electric/Lithium and Diesel)



2 blades in transport sheath



2 towels



2 rubber mats



6-mm hexagon socket T wrench



Multi-purpose key



Set hexagonal socket screws



Bodywork key



Laceration-proof safety gloves



Grindstone



Storz coupling D ø 25



Fuse set

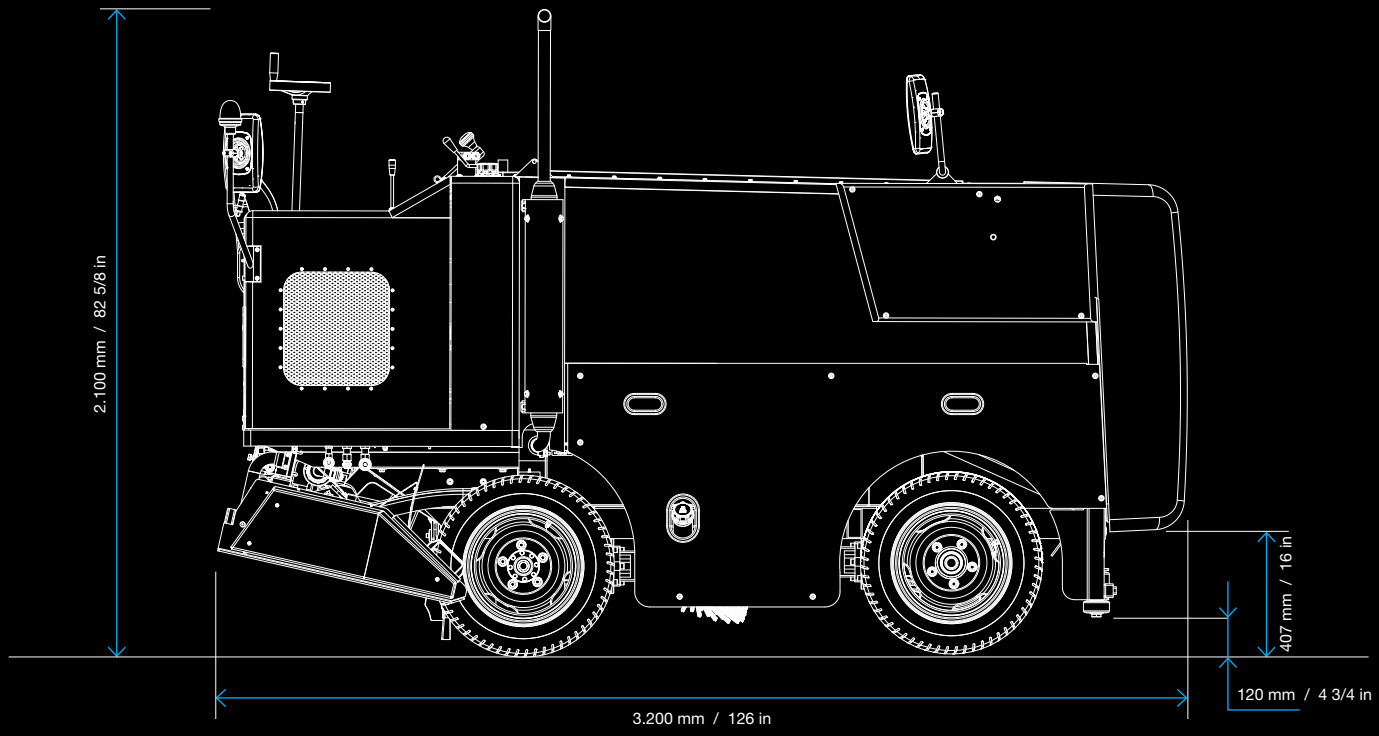


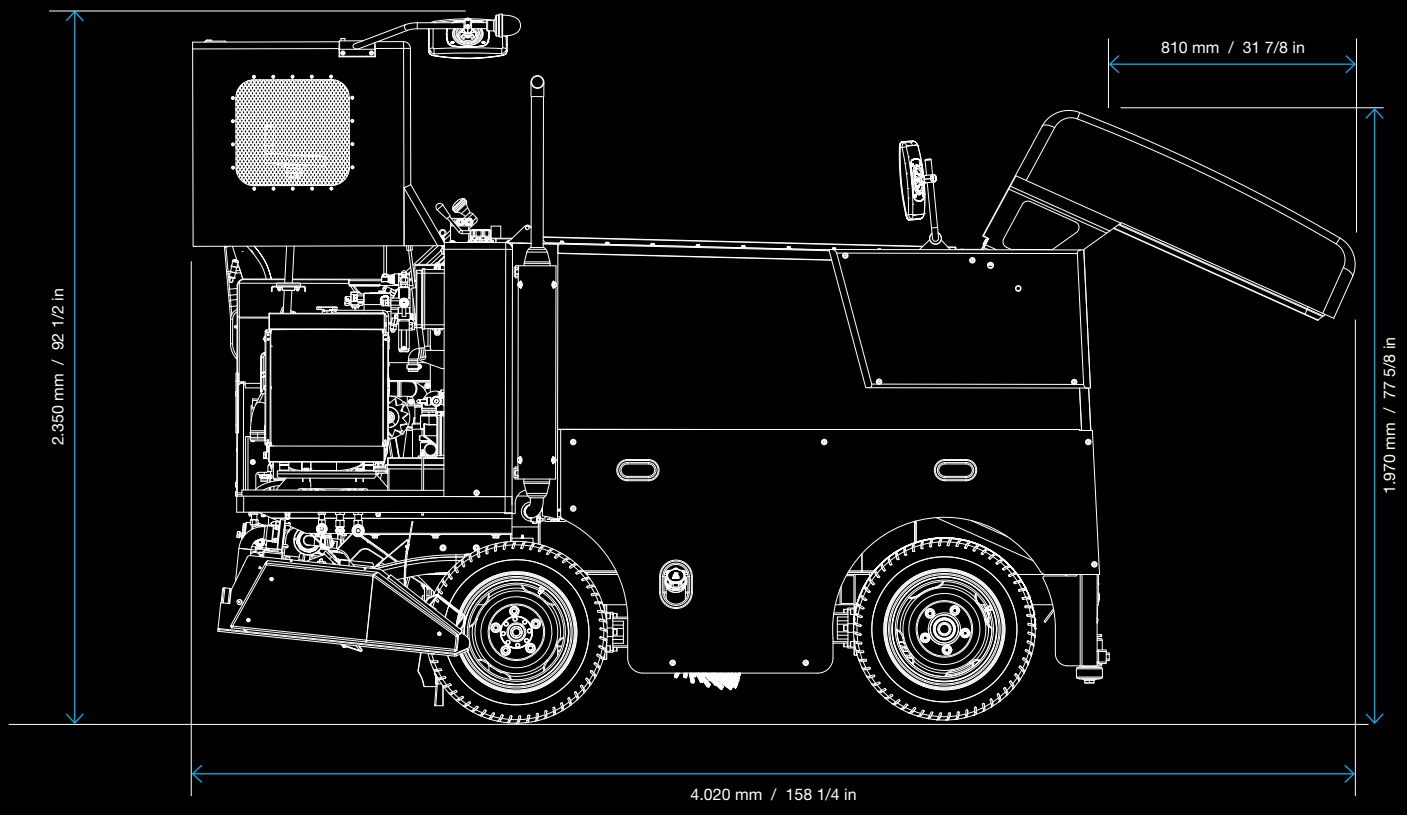
Operating instructions

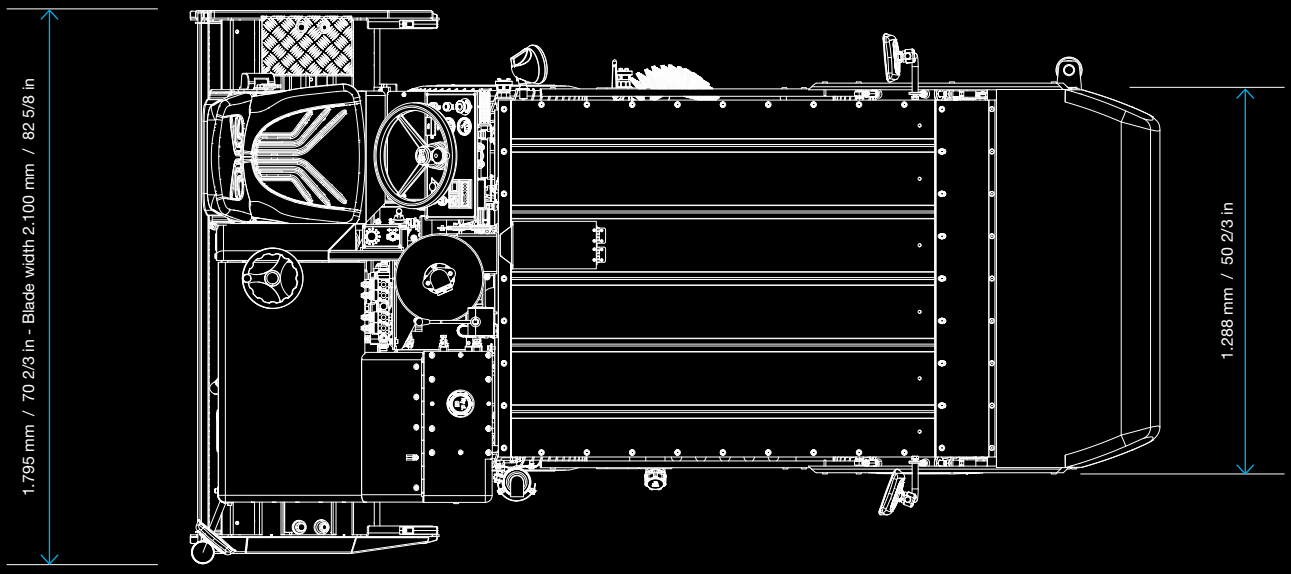


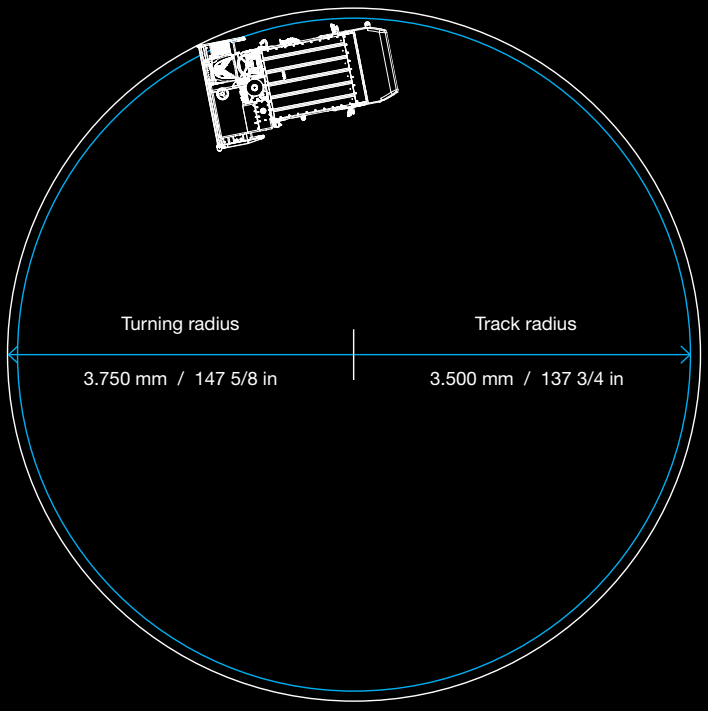
Online spare parts catalogue

Dimensioni


2.100 mm / 82 5/8 in
407 mm / 16 in
120 mm / 4 3/4 in
3.200 mm / 126 in


810 mm / 31 7/8 in
2.350 mm / 92 1/2 in
1.970 mm / 77 5/8 in
4.020 mm / 158 1/4 in


1.795 mm / 70 2/3 in - Blade width 2.100 mm / 82 5/8 in
1.288 mm / 50 2/3 in


Turning radius
3.750 mm / 147 5/8 in
Track radius
3.500 mm / 137 3/4 in

Optionals

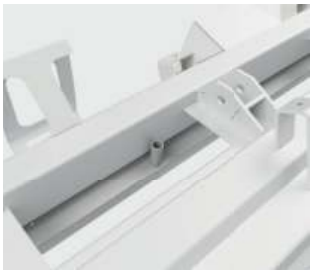




Wash system



Screw conveyor wash system vertical



Screw conveyor wash system horizontal

Suction system



Suction manifold

Overview & security



Side mirror front left



Side mirror front right

Comfort



Driver's seat with heated seat



Acquastop valve with time relay

Personalization



Custom colour body



Painting frame & planing unit



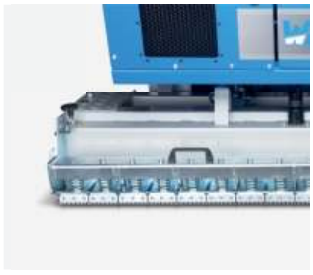
Wrapping

Lighting



Front headlights

Accessories



Groove-harrow

Spare parts



Blade



Towel felt



Towel terry

Service



Battery trolley



Spare wheel



Cross-key



Lifting jack
with bar 3t



Diagnostic cables
Controller



Diagnostic cable
BMS

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STRENGTHS

WM technics: excellence in design and quality. Machines manufactured in-house. Ease of maintenance. Rapid access to spare parts. Your guarantee for the highest quality standards.

At WM technics, we strive for excellence at every stage of our work. Our machines, especially the WM Compact, are the result of high-quality components and meticulous design that minimizes maintenance effort. Designed, manufactured, and assembled in our own facilities, we guarantee top quality and timely deliveries. From component to the finished product - every step is closely monitored to deliver to you the ice resurfacing machines of the future.

User friendliness



Through the use of top-quality components together with a well-planned design, maintenance work is extremely simple and is reduced to a minimum.

Quality guarantee



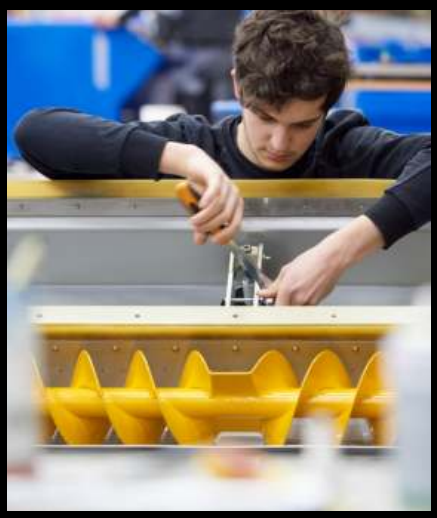
The WM Mammoth is a product which has been developed, built and assembled in house, from start to finish. Only by doing so can we guarantee top quality and punctual delivery times.

The right replacement part, every time



Order your spare parts easily and conveniently from our online portal: Our series number and digital image system enable you to find the part you need with just one click.

Series production



All WM technics vehicles are series-manufactured. We know exactly which parts have been used in each series run, and can deliver the correct spare parts to you at all times. At the same time, a number of optionals can be retrofitted with minimum effort and maximum precision, even years later.

Service and support



Our well-networked, international team of technicians undergo constant training and will be delighted to help you whenever you require assistance.

Quality consciousness



From the manufacture of individual parts right through to the final quality-control inspection: Every step of the process is carried out and monitored with the utmost of precision. Each and every member of our staff is well-trained in his specialist field, and carries out all tasks conscientiously. This is a great advantage for our customers, who can be sure of receiving a technologically sophisticated product which has been manufactured to the very highest of quality standards.

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PRODUCTS

Dive into the world of WM technics: Where cutting-edge design meets top-notch quality. Here begins the journey to top-tier ice resurfacing machines and #perfectIce.

Pinguino

The Pinguino makes maintaining mobile ice rinks a cinch. Pairing efficiency with unmatched quality, it's a game-changer in the realm of ice care. You'll consistently get predictable cleaning durations and just the right ice thickness, saving you time and workforce. What's the payoff? Glistening ice that'll charm every visitor, young and old.

A standout feature? The front seat placement for the driver. Whether seasoned in the ice world or just getting started, this seat offers an unparalleled view and top-tier comfort. Dive into a new era of ice maintenance with the Pinguino!



Discover a new dimension in ice maintenance with the Pinguino!

Snow tank volume	1 m³ / compacted 1.25 m³ 35.3 ft³ / compacted 44.2 ft³
Water tank volume	340 l 90 gal
Blade width	1,400 mm 55 1/8 in
Fields of operation	Mobile / Event

Shira

Prepare to be dazzled by the Shira! Not only does she operate electrically and whisper-quiet, but she also impresses with her incredibly user-friendly controls. Ice maintenance becomes a breeze with keyboard commands, a clear info display, and an automatic mode. Need to get hands-on? No worries! Quick access to the mechanics means maintenance and service are done in a flash, saving you a pretty penny.

The icing on the cake: The ice quality is simply top-notch, right down to the last detail. And, even with its traditional blade exchange system, she boasts unbeatable value for money. Discover the Shira – your new star on ice!



Introducing Shira, your new shining ice star.

Snow tank volume	3 m³ / compacted 3.6 m³ 106 ft³ / compacted 130.7 ft³
Water tank volume	1,000 l / 1,350 l / 1,750 l 264 gal / 356 gal / 475 gal
Blade width	2,100 mm / 2,300 mm 82 5/8 in / 90 1/2 in
Fields of operation	Pro / Heavy duty

Mammoth

Mammoth is the powerful ice resurfacer designed for stadiums and ice surfaces up to 1,800 m².

Powerful, maintenance-free AC motors, large snow and water tanks, and a quick blade change system designed for whatever challenge may come. Thanks to its compact design, the machine achieves a minimal turning radius, allowing for fast, efficient, and non-deviating ice surface treatment.

Maximum stability? You bet! The sprung edger is mounted directly on the WM Mammoth, ensuring maximum stability and the best working performance.



High-performing, accurate, and automated: Mammoth. Unprecedented resurfacing for unprecedented ice quality.

Snow tank volume	3 m³ / compacted 3.6 m³ 106 ft³ / compacted 130.7 ft³
Water tank volume	1,000 l / 1,350 l / 1,750 l + 264 gal / 356 gal / 475 gal Snow tank-water tank connection 2,000 l / 2,350 l / 2,750 l 528 gal / 620 gal / 739 gal
Blade width	2,100 mm / 2,300 mm / 2,500 mm Blade change < 60 seconds 82 5/8 in / 90 1/2 in / 98 1/2 in
Fields of operation	Pro / Heavy duty

evo²

Whether it's vast ice rinks or grand stadium ice surfaces – with our evo², you'll glide effortlessly over any expanse. The swift blade changes, ultra-light blades, and the harmony between the board mill and brush ensure perfect ice. Every ride feels like a leisurely spin inside the spacious cabin (included as standard!). And when the going gets tough? Just lift the cabin and experience a swift, cost-effective service. With the powerhouse evo², ice maintenance becomes a piece of cake!



evo 2

Harnessing the strength of evo² makes ice maintenance effortless!

	Snow tank volume	4.1 m³ / compacted 5.1 m³ 145 ft³ / compacted 180 ft³
	Water tank volume	1,200 l / 1,400 l / 2,000 l 317 gal / 370 gal / 528 gal
	Blade width	2,300 mm / 2,500 mm Blade change < 60 seconds 90 1/2 in / 98 1/2 in
	Fields of operation	Pro / Heavy duty

WABi

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