

Small footprint, big impact



Catalogue
Compact



Catalogue
Compact

INDEX

Company	5
Compact	11
Strengths	31
Products	35

5_9

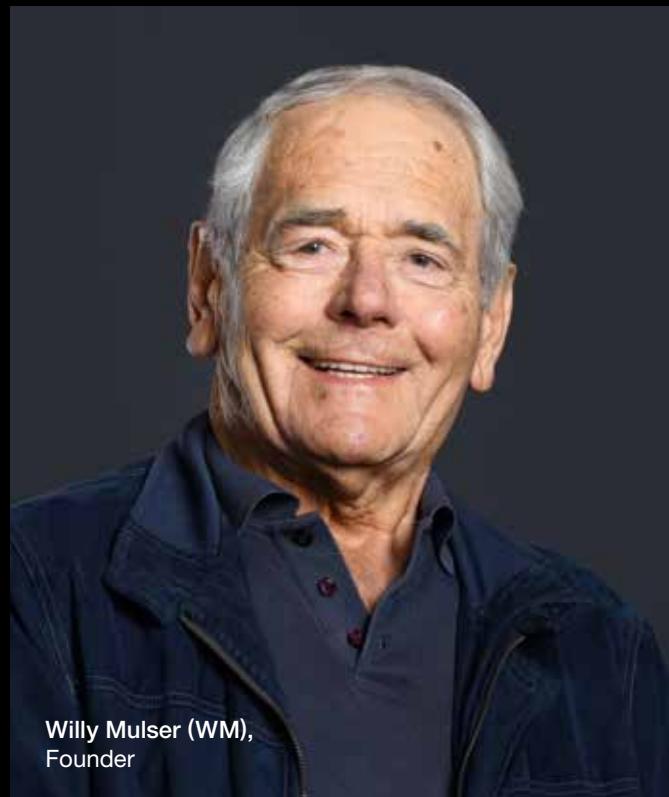
COMPANY

Young, dynamic, and innovative:
At WM technics, progress and
customer satisfaction come first.

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



Willy Mulser (WM),
Founder

Here's what we have to offer

Whether catering to professional ice needs within an arena or on a mobile 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.

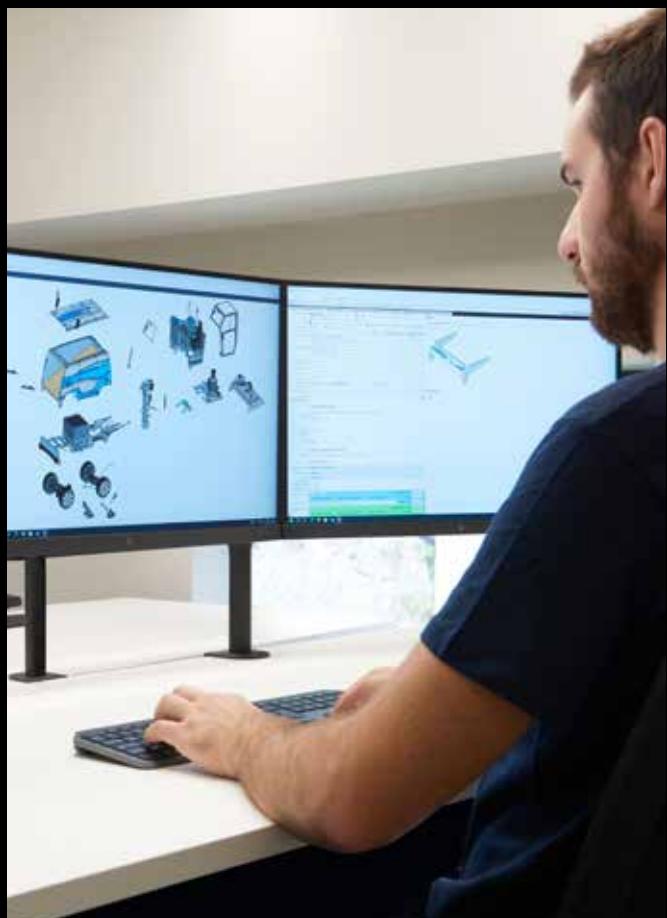
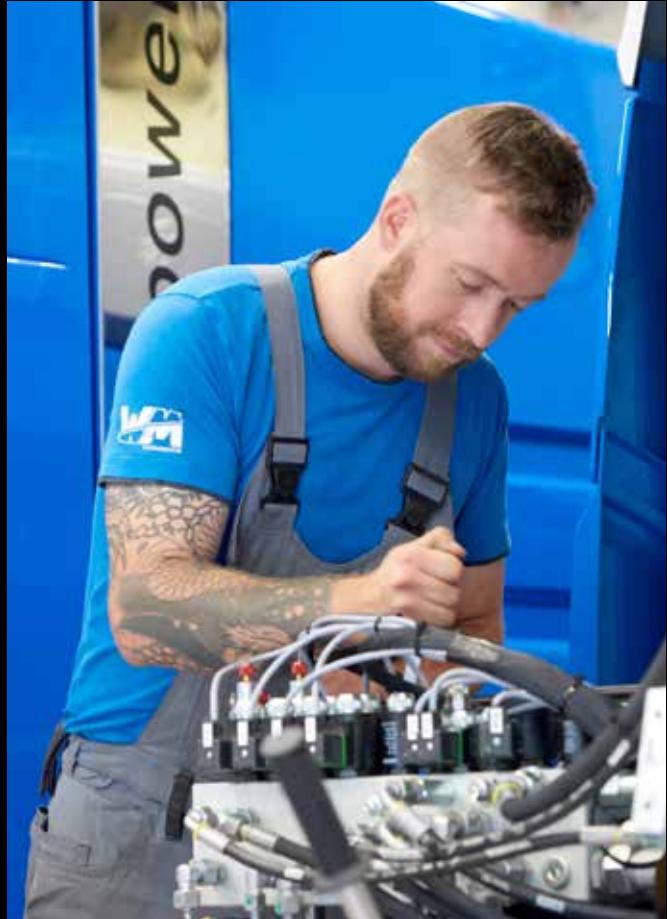
Powered by our robust digital infrastructure; design, parts production, and

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. Custom setups built on customer specifications, reduced maintenance commitment, and steadfast assistance affirm WM technics as a powerful ally.



Lukas,
Assembly Team



WM plus



Always Ahead of the Curve

With precision, we delve into research, trials, and systems. 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 reputable 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

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 / 12,900 ft².

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 maneuverable 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 m ³ / compacted 2.25 m ³ 63.6 ft ³ / compacted 79.5 ft ³
	Water tank volume	600 l 158 gal
	Blade width	1,700 mm 66 7/8 in
	Field of operation	Event / Small ice rinks

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

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



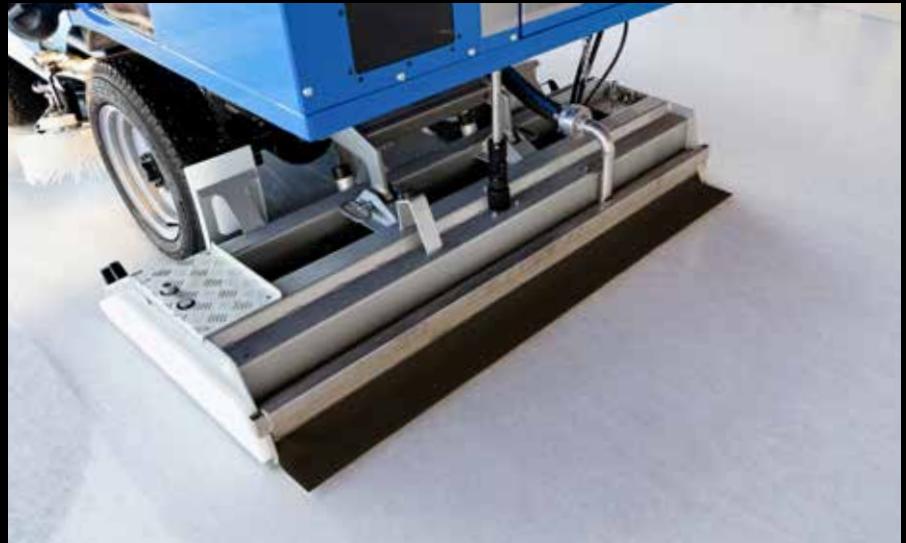


Highlight

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 liters / 158 gallons of water

Outstanding planing performance

Integrated side brush

Highlight

Ease of use

Compact is easy to use, highly maneuverable 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

Highlight

Maintenance

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



Engine compartment Diesel



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 maneuverable. The compact design is combined with high power, meaning its performance is comparable to larger machines.



Lithium

Technical specifications

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 0 - 7 mph
Snow tank	1.7 m ³ / compacted 2.1 m ³ 60.0 ft ³ / compacted 74.0 ft ³
Water tank	600 l (stainless steel) 158 gal
Tyres	175 / 70 R 14C 2 rows of spikes

Standard equipment

Snow breaker
Hydraulically driven and swivelling side brush
Parking brake
Board guide pulley
Rear side mirror
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



CE

EAC



Diesel

Technical specifications

Engine	Kohler KDW 1404, 4 cylinders 1,372 cm ³ 83.7 in
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 7 gal
Transmission	Continuously adjustable hydraulic four-wheel drive
Speed	0 - 12 km/h 0 - 7 mph
Snow tank	1.8 m ³ / compacted 2.25 m ³ 63.6 ft ³ / compacted 79.5 ft ³
Water tank	600 l (stainless steel) 158 gal
Weight	1,650 kg 3,638 lbs
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
Rear side mirror
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



Scope of delivery



2 blades in transport sheath



2 towels



2 rubber mats



6-mm hexagon socket T wrench



Multi-purpose key



Set hexagonal socket screws



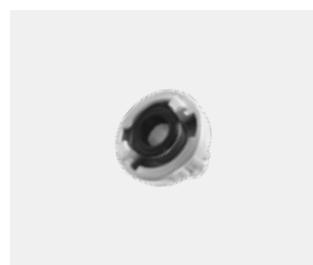
Bodywork key



Laceration-proof safety gloves



Grindstone



Storz coupling D
ø 25



Fuse set

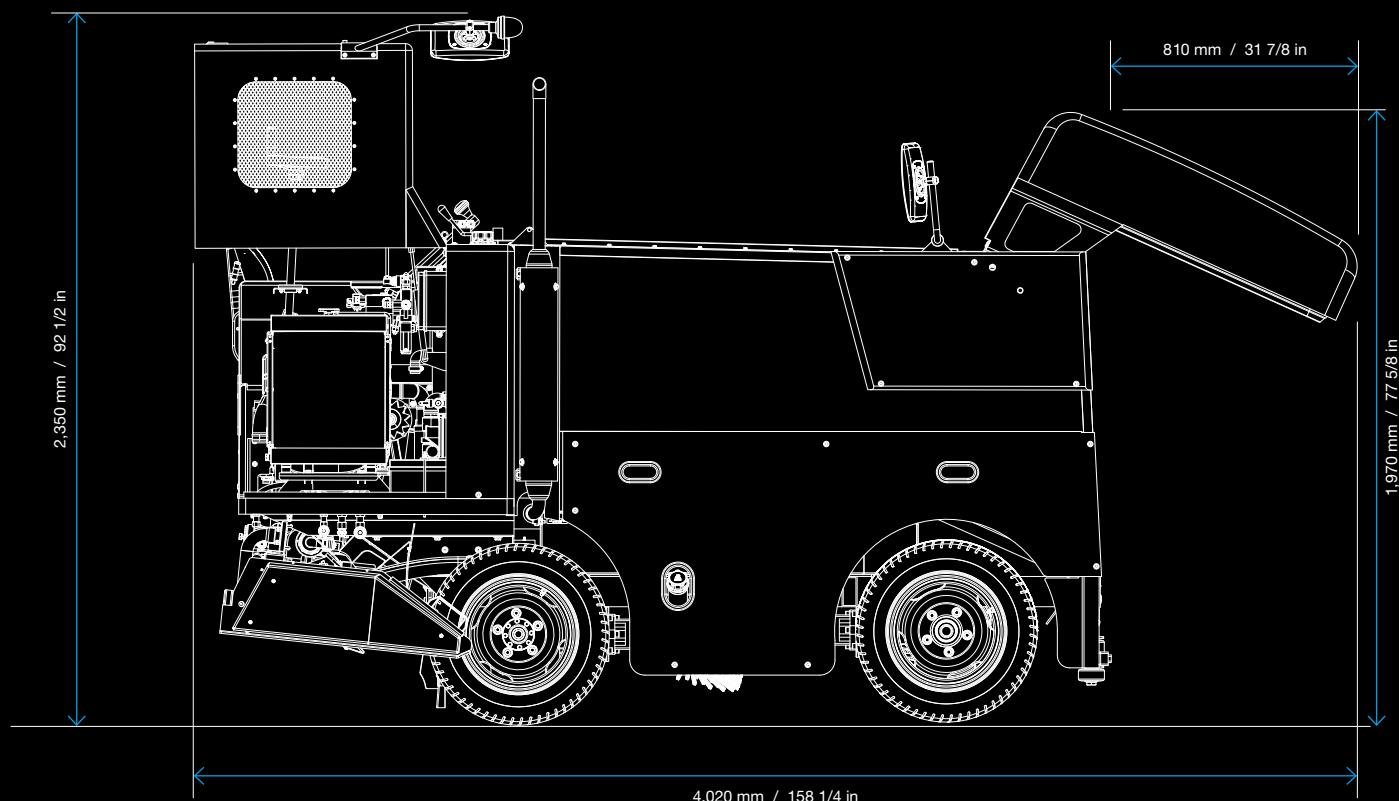
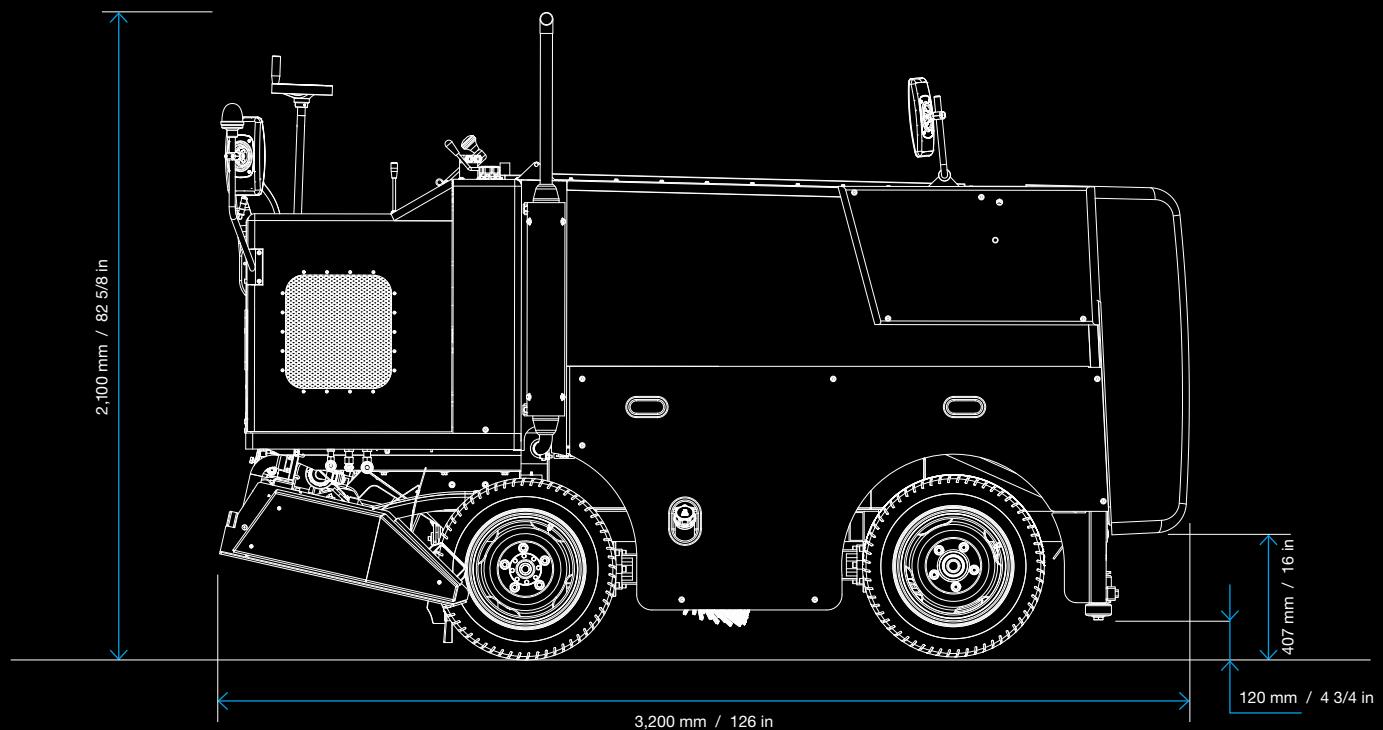


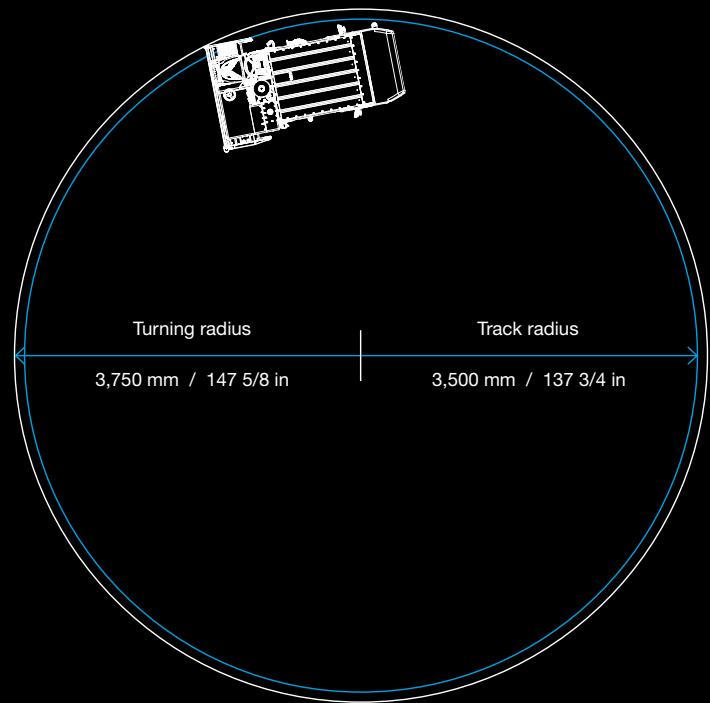
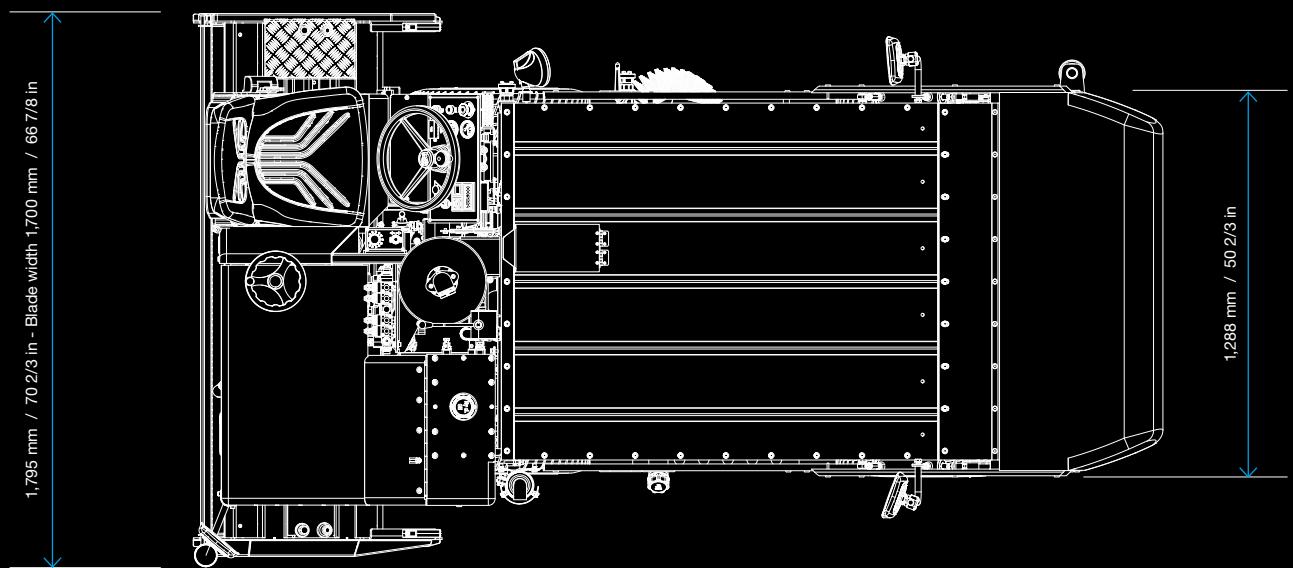
Instruction manual



Online spare parts catalogue

Dimensions





Optional



Wash system



Screw conveyor
wash system
vertical



Screw conveyor
wash system
horizontal

Suction system

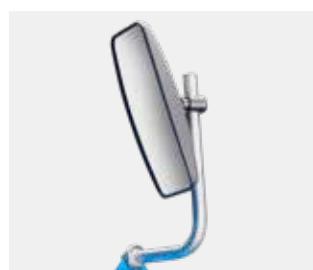


Suction manifold

Overview and 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



Wrapping

Lighting



Front headlights

Bavarian Curling



Groove-harrow

Service



Battery trolley



Spare tyre 14"



Cross-key



Lifting jack
with bar



Diagnostic cable

31_33

STRENGTHS

WM technics - Excellence in design and quality. In-house manufactured machines. Easy maintenance. Quick access to spare parts. Your guarantee for the highest standards.

At WM technics, we strive for excellence at every stage of our work. Our machines 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



Our products are developed, manufactured, and assembled in-house at our facilities. This is the only way we can guarantee the best 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 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 quality standards.

35_39

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.

Mammoth

An autonomous and innovative ice resurfacing machine, ideal for stadiums and large ice surfaces up to 2,600 m² / 28,000 ft².

Maintenance-free AC motors, generous tank volumes, and the quick-change blade system ensure fast and efficient ice preparation. The compact design and frame-mounted edger provide maximum stability and exceptional maneuverability.



	Snow tank volume	3 m ³ / compacted 3.6 m ³ 106 ft ³ / compacted 127 ft ³
	Water tank volume	1,000 l / 1,350 l / 1,750 l 264 gal / 356 gal / 462 gal + snow tank-water tank connection 2,000 l / 2,350 l / 2,750 l 528 gal / 620 gal / 726 gal
	Blade width	2,100 mm / 2,300 mm / 2,500 mm 82 5/8 in / 90 1/2 in / 98 1/2 in Blade change < 60 seconds
	Fields of operation	Pro / Ice stadiums

Shira

The machine adapts perfectly to every ice resurfacing requirement in stadiums with ice surfaces up to 2,600 m² / 28,000 ft².

It runs electrically and operates almost silently. The intuitive control via keyboard, display, and automatic mode enables particularly easy operation and maintenance. Thanks to excellent accessibility for manual interventions, it ensures noticeable cost savings and impresses with an outstanding price-performance ratio.



	Snow tank volume	3 m ³ / compacted 3.6 m ³ 106 ft ³ / compacted 127 ft ³
	Water tank volume	1,000 l / 1,350 l / 1,750 l 264 gal / 356 gal / 462 gal + snow tank-water tank connection 2,000 l / 2,350 l / 2,750 l 528 gal / 620 gal / 726 gal
	Blade width	2,100 mm / 2,300 mm 82 5/8 in / 90 1/2 in
	Fields of operation	Pro / Ice stadiums

evo²

The powerful ice resurfacing machine for intensive operations on large ice rinks and in stadiums – ideal for ice surfaces from 4,200 m² / 45,200 ft².

The generously combinable snow and water tank volume offers maximum flexibility, while diesel, gasoline, or electric motors provide the drive as needed.

The very fast blade change system, excellent overview of all operating functions, and automatic mode significantly facilitate handling. Thanks to quick access to the engine compartment, maintenance is also particularly fast and cost-efficient.



	Snow tank volume	4.1 m ³ / compacted 5.1 m ³ 145 ft ³ / compacted 180 ft ³
	Water tank volume	1,200 l / 1,400 l / 2,000 l 317 gal / 370 gal / 528 gal + snow tank-water tank connection 2,550 l / 2,750 l 674 gal / 726 gal
	Blade width	2,300 mm / 2,500 mm 90 1/2 in / 98 1/2 in Blade change < 60 seconds
	Fields of operation	Pro / Ice stadiums

Compact

The compact ice resurfacing machine was specifically designed for small ice surfaces and rinks up to 1,200 m² / 12,900 ft².

It is robust, easy to operate, and delivers shaving results like a large professional model. Thanks to its high maneuverability, it offers the driver first-class comfort and guarantees professional ice preparation – even on mobile ice rinks, it ensures ice quality at the highest level.



	Snow tank volume	1.8 m ³ / compacted 2.25 m ³ 63.6 ft ³ / compacted 79.5 ft ³
	Water tank volume	600 l 158 gal
	Blade width	1,700 mm 66 7/8 in
	Fields of operation	Event / Small ice rinks

Pinguino

The compact revolution among ice resurfacing machines: Thanks to its small dimensions, it moves with extreme agility and delivers precise, high-quality ice preparation for events and mobile ice rinks up to 800 m² / 8,600 ft².

It offers the performance of large professional machines – shaves the ice efficiently and ensures perfect ice quality at all times. The unique forward seating position provides the driver with excellent visibility and high driving comfort.



	Snow tank volume	1 m ³ / compacted 1.25 m ³ 35.3 ft ³ / compacted 44.2 ft ³
	Water tank volume	340 l 90 gal
	Blade width	1,400 mm 55 1/8 in
	Fields of operation	Event / Small ice rinks

Snip

The electrically operated, manually guided edger makes ice maintenance considerably easier.

Whether mobile ice rinks or large arenas – it combines a compact design with modern, emission-free technology. Its most innovative feature is the quick, tool-free switching between two operating modes: lateral milling along the boards and frontal milling to remove ice build-up and unevenness. With an integrated drive, adjustable speed, and certified safety, it is a versatile and precise tool for maintaining any ice surface.



	Electric engine	24V / 130Ah (powered by a FAAM TRALEG battery)
	Blade width	Ø 350 mm Ø 13.8 in
	Fields of operation	Event / Ice stadiums



WM technics GmbH

Plant 1, Headquarters
Breiner Straße 15
I-39053 Blumau
T. +39 0471 353 332
info@wm-technics.com
wm-technics.com

Plant 2
Giuseppe-di-Vittorio-Straße 18
I-39100 Bozen

Follow us on

YouTube: *WM ice*
Facebook: *WM ice*
Instagram: *WM ice*
LinkedIn: *WM technics*

