

EVERYDAY EXCELLENCE FOR EVERYONE

Product sheet
Shira







SHIRA

WM's powerful ice resurfer for stadiums is suitable for ice surfaces of **1,800 m² / 20,000 ft²**.

Powerful drives powered by electric motors and flexible combinations of snow and water tanks: The WM Shira is specially **designed for efficient ice resurfacing in stadiums**. It offers an excellent price-performance ratio and features a user-friendly control panel that makes operation extremely simple, thanks to clear information displays and an automatic mode. Additionally, quick access to all technical components ensures fast and cost-effective maintenance.

Superior ice quality right up to the boards: The WM Shira represents professional ice resurfacing for areas up to 1,800 m². Equipped with **a market-standard thick blade**, Shira handles even the most demanding tasks effortlessly, guaranteeing durability and precision for flawless results. Blade changes take just 5 minutes!

	Snow tank volume	3 m ³ / compacted 3.6 m ³ 106 ft ³ / compacted 130.7 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 operations	Pro / Heavy duty

“The WM Shira has everything we need to resurface the ice in our stadium to perfection. We are absolutely delighted with it!”

Jakub Kloz - Ice Master
KV Aréna Karlovy Vary
(Czech Republic)





Safety and Protective Features

WM technics prioritizes safety and health above all. An exhaustive and independent evaluation conducted by [Suva](#), an accredited and recognized Swiss certification agency, confirms compliance with the provisions of the European Directive 2006/42/EC, which governs the protection against machinery accidents.

suva
CERTIFICATION

In compliance with Suva certification No. E 7224/1.e

TECHNOLOGY

Shira **sets new standards** in ice resurfacing:
Its forward-thinking design combined with
precise and perfectly tuned mechanics ensures
maximum performance on the ice.



The Shira impresses with its blend of elegance and resilience: Its tail end, exquisitely shaped from a rust-resistant, lightweight alloy, guarantees a harmonious weight balance and energetic, cost-effective movement. Perfect weight allocation between the anterior and posterior axles, coupled with a lowered center of mass, promises superb turns on icy terrain.

When raising the hydraulic canopy, an organized motor bay unveils itself. Centrally located, the vibration-dampening hydraulic oil reservoir equipped with a built-in electric motor that varies its rotation speed based on requirements, ensuring a quiet performance. All electric valves are neatly assembled on the left in a custom-built hydraulic unit.

On the right side, the motor bay shelters water-resistant electronics adhering to contemporary off-highway norms.

Technical Specifications

Shira

Motor	5 asynchronous motors Optional 6 asynchronous motors
Power rating	29 kW (31 kW)
Water tank	1,000 l 264 gal / Optional: 1,350 l 356 gal / 1,750 l 462 gal
Snow tank	3 m ³ 106 pi ³ - compacted 3.6 m ³ 130.7 pi ³
Transmission	Continuously adjustable electric all-wheel drive
Speed	0 - 13 km/h 0 - 8 mph
Tyres	225 / 75 / R16C with 6 rows of spikes
Wheel rims	9" x 16"



CE



suva
CERTIFICATION

Standard model

Machine

PLC control
Easily accessible engine compartment (tiltable) with cap support
Hydraulic oil tank: 50 l / 13 gal
Maintenance-free asynchronous motors
Service brake with hydraulic brake force booster
Hydraulic negative parking brake
Snow bin & water tank connection (> 2,000 litres / > 528 gal)
Electrical snowbin inspection hatch
Coated snow bin
Snow bin headlight, side headlight
Water tank made of PE
Function for automatic water filling system with immobilizer (Acquastop valve as optional)
Hydraulically driven and swivelling side brush
Board guide pulley
Side mirror, rear
Flashing warning light
Acoustic signal for reverse drive, snow bin cover operation, reverse of the screw conveyors and blade exchange

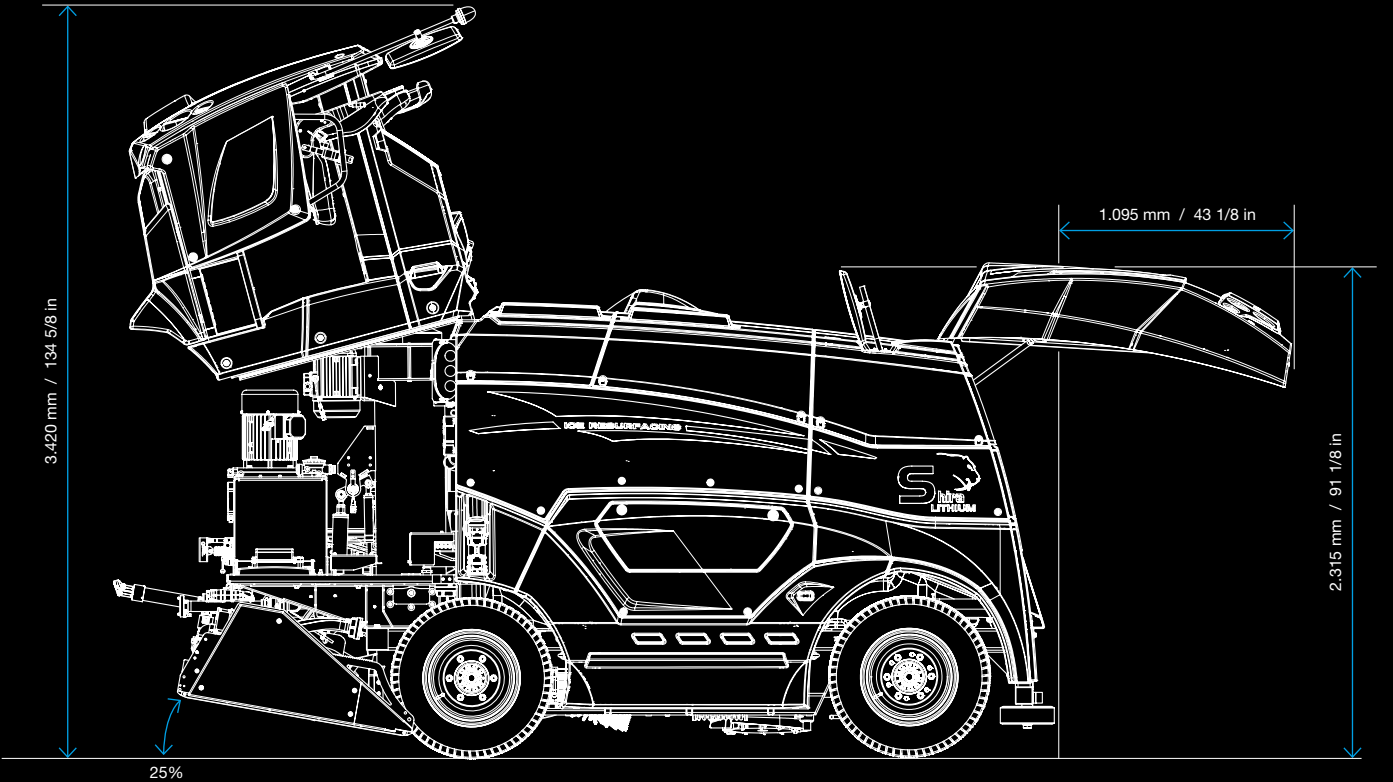
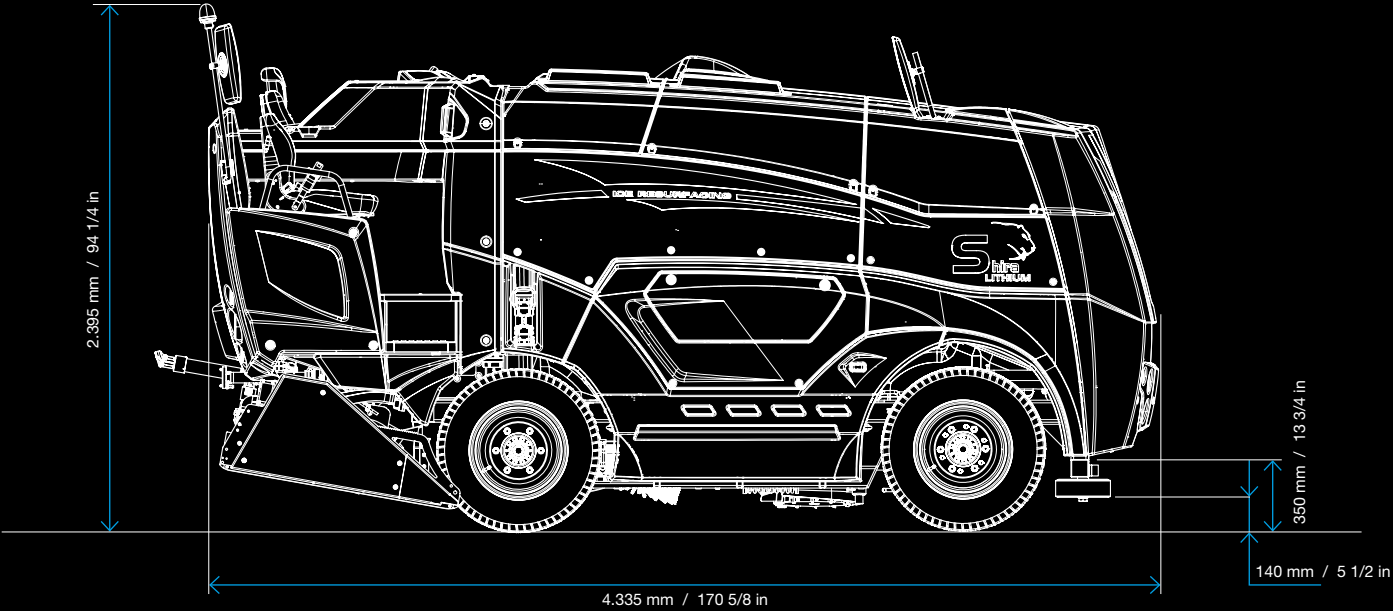
Cockpit

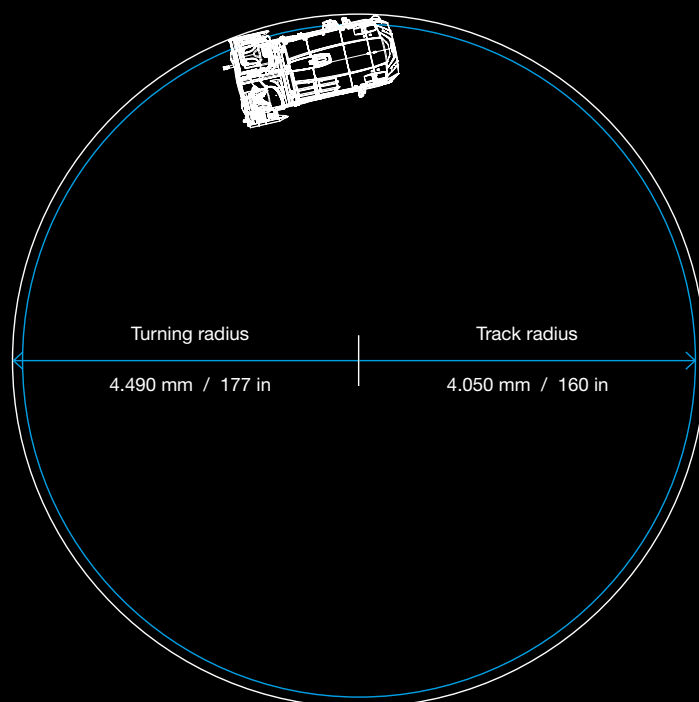
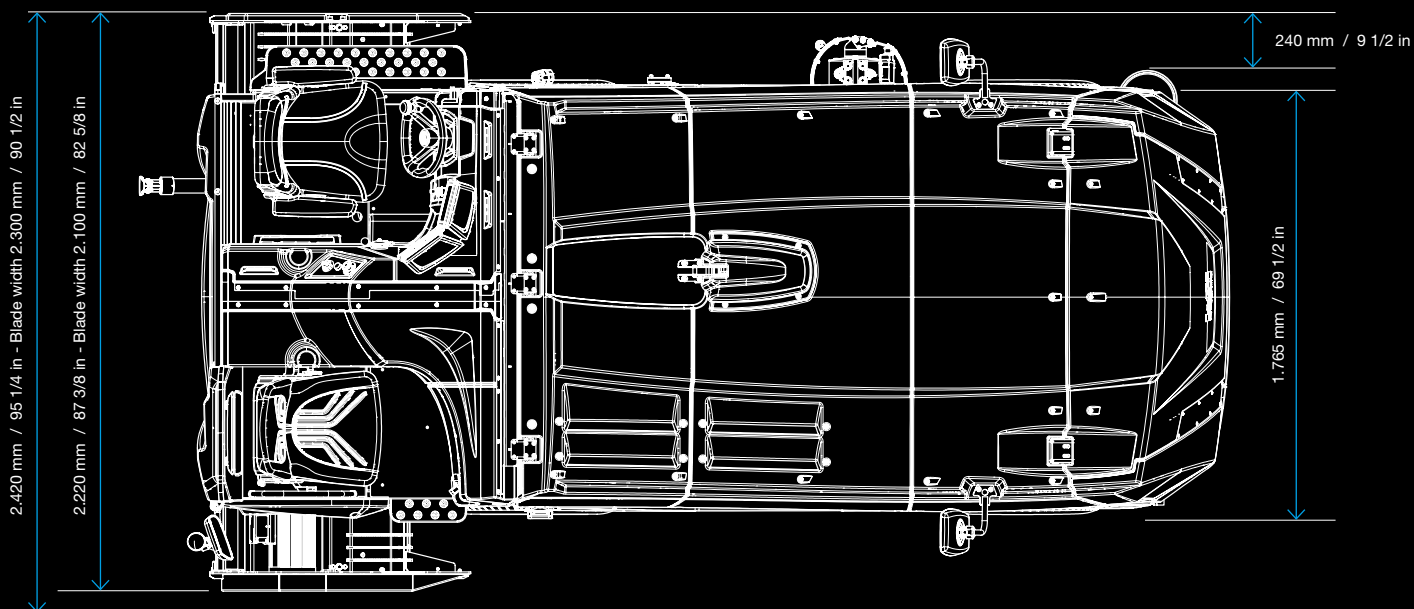
Spring-suspended and height-adjustable driver's seat with armrests
Spring suspended passenger seat
High-resolution 7" touchscreen
Button for automatic modus: operations start automatically in a fixed order

Planing system

Constant grinding pressure planing system
System for water dosing in curves
2 blades
2 towels

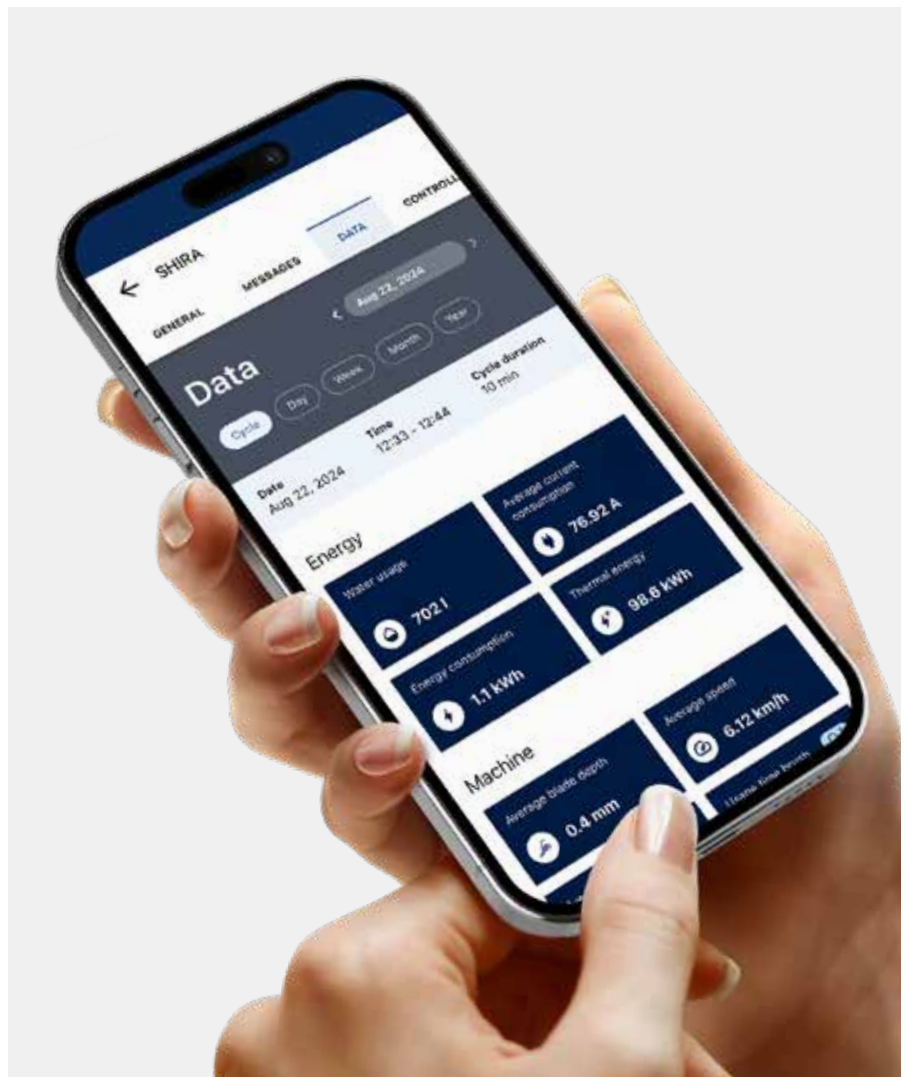
Dimensions





Connect is an all-in-one data tool, communication assistant and e-shop. **Analyse and optimise** your machine's resource consumption to optimise your budget planning. Maintain a consistently high level of ice quality through data analysis and controlled application of ice resurfacing implements.

Automatic status messages enable you to monitor the status of your machine at all times. Provide your service staff with over-the-air direct access to resolve problems or carry out software updates. Access the interactive workspace and order spare parts quickly and easily.





Questions about budgeting? Sustainability? Connect gives you answers. Energy costs are rising. And so is environmental awareness. With Connect, we help you to groom your ice sustainably in every way.

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