

Everyday excellence for everyone



Product sheet
Shira



WM's powerful ice resurfacer for stadiums is suitable for ice surfaces of 2,600 m² / 28,000 ft².

Powerful drives powered by electric motors and flexible combinations of snow and water tanks: The 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 Shira represents professional ice resurfacing for areas up to 2,600 m² / 28,000 ft². 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 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 operations	Pro / Ice stadiums

“The 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

At WM technics, safety and health protection always come first. A thorough and independent inspection carried out by [Suva](#), the accredited and recognized Swiss certification body, confirms compliance with the European Directive 2006/42/EC, which regulates the level of protection against machinery-related accidents to ensure user safety.

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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 engine compartment 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	31 kW (33 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 ft ³ / compacted 3.6 m ³ 127 ft 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



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Standard equipment

Machine

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

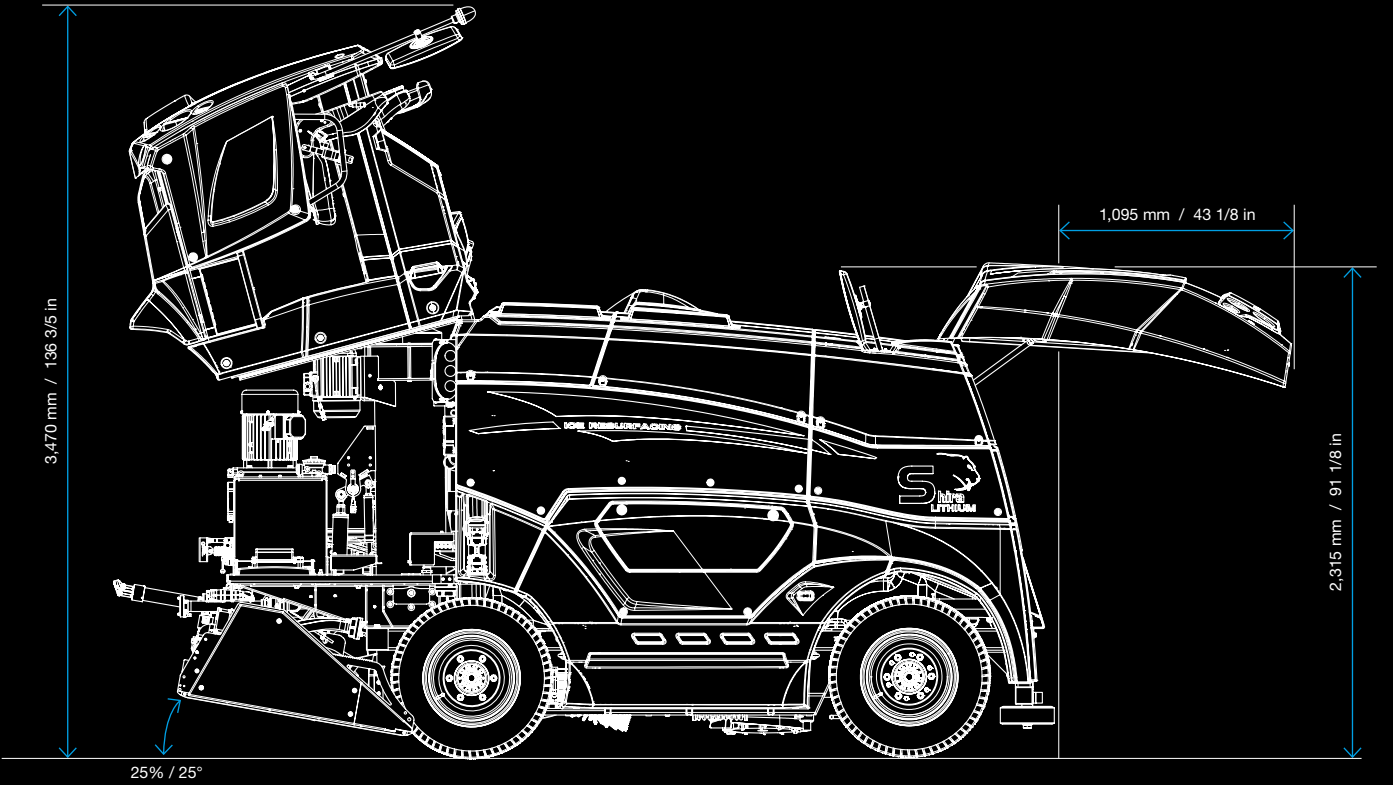
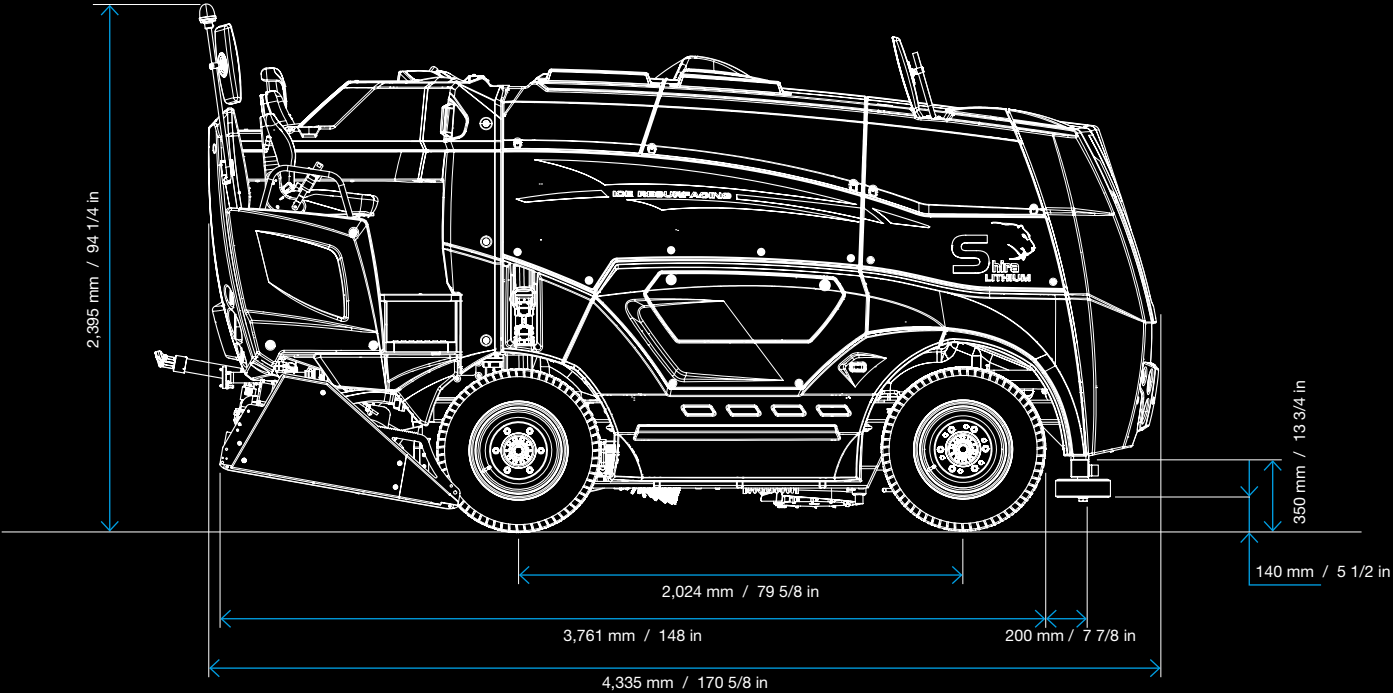
Cockpit

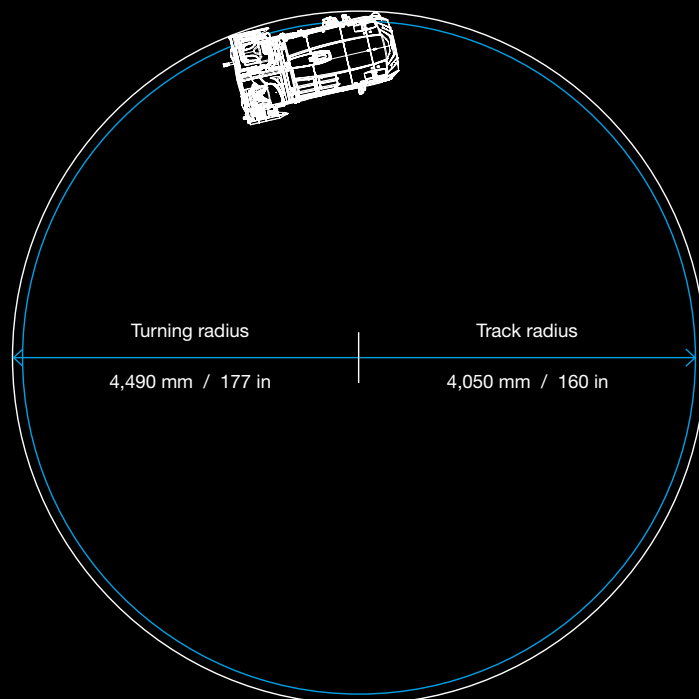
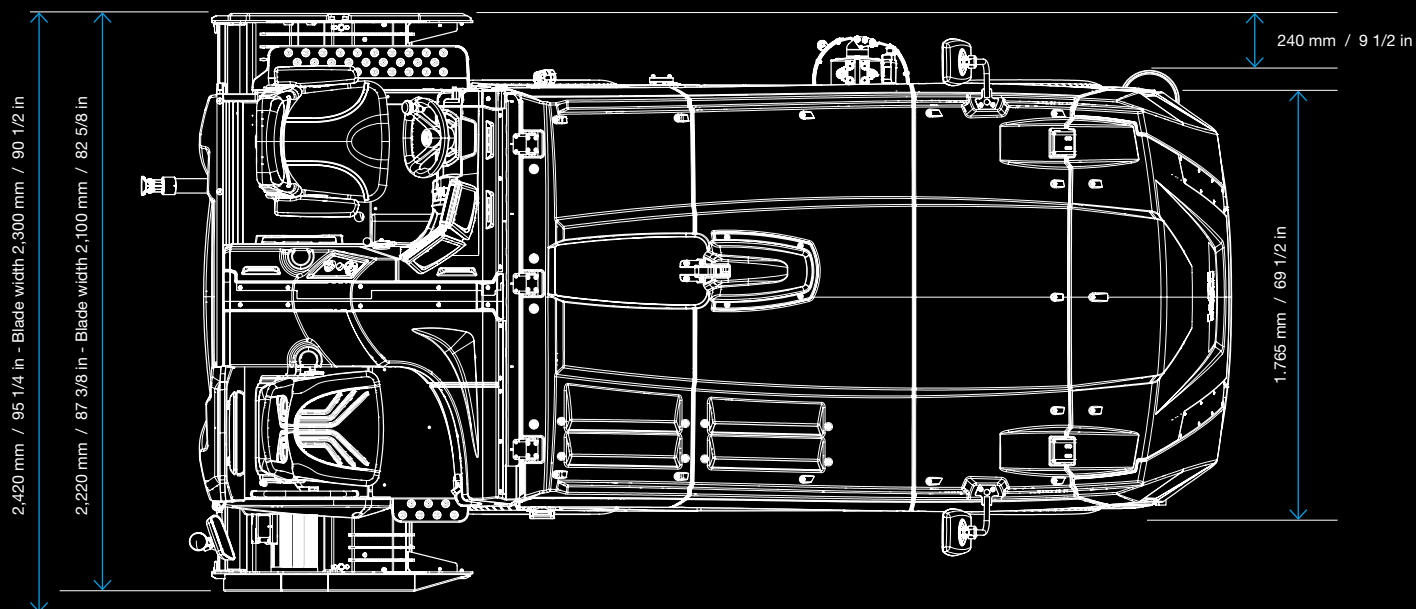
Spring-suspended and height-adjustable driver's seat with armrests
Spring suspended passenger seat
High-resolution 7" touchscreen
Button for automatic mode: operations start automatically in a fixed order

Planing system / Conditioner

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

Dimensions





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