

# THE NEW DIMENSION TO MOBILE ICE MAINTENANCE

Product sheet  
Pinguino







# The handy ice resurfacers for events and mobile rinks, ideal for ice surfaces up to **800 m<sup>2</sup> / 8,600 ft<sup>2</sup>**.

Whether it's a sports event or an ice skating rink, you can easily keep your designated ice surface flawlessly maintained with WM Pinguino.

This innovative, compact ice resurfacers (measuring 3 meters in length and 2 meters in height) performs on par with larger professional machines: it efficiently planes the ice, ensuring perfect quality. Plus, its unique front seating position for the driver offers excellent visibility and a comfortably enjoyable driving experience.

Modern design, high quality, and easy maintenance – ice resurfacing for mobile rinks has never been this professional and comfortable!

	Snow tank volume	1 m <sup>3</sup> / compacted 1.25 m <sup>3</sup> 35.3 ft <sup>3</sup> / compacted 44.2 ft <sup>3</sup>
	Water tank volume	340 l    90 gal
	Blade width	1,400 mm    55 1/8 in
	Fields of operations	Mobile / Event

“Agile, comfortable to use and outstanding ice resurfacing: With the WM Pinguino, we create the perfect ice conditions for our events!”

**Raphael Fink**  
Pond Hockey Championship  
Ritten / Italy





## 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.

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**suva**  
CERTIFICATION

In compliance with Suva certification No. E 7164/2.e

# TECHNOLOGY

Explore the WM Pinguino's standard features and numerous optional extras. We are also happy to customize the WM Pinguino to meet your needs.



## Facts & figures

Motor	Asynchronous motor
Drive power	10 kW
Battery Lithium	BlueLi 80V – 230Ah
Charger Power	3 kW
Battery charger connection	100-240 VAC / 50-60 Hz
Autonomy	ca. 2h 40 min.
Charging time for 80%	ca. 4h 20 min.
Weight when empty	1,250 kg (basic outfit)
Water tank	340 l
Snow tank	1 m³ – compacted 1.25 m³
Transmission	Continuously adjustable hydraulic four-wheel drive
Axles	Single wheel drive
Steering	Hydraulic
Footbrake	Hydraulic
Parking brake	Mechanical parking brake on rear wheels
Hydraulic system	18 cm³ axial piston pump for drive, 6 cm³ work units + cylinder movements, 4.4 cm³ steering
Diameter of screw conveyors	vertically ø 175 mm horizontally ø 170 mm
Tires	5.00R12 83/81P 2 rows of spikes
Wheel rims	12" x 5" with hubcaps

## Standard equipment

All-wheel drive
Parking brakes
2 board guide rollers
Watertank-snowbin made of stainless steel
Spring suspended drivers seat
Horn
Easily accessible engine compartment (tiltable driver's seat, hydraulically tiltable snowtank)
Hydraulic power steering
2 hydraulically powered screw conveyors
Hydraulic carriage pressure system
Hydraulic opening and closing of snow bin cover
Manual blade adjustment
Tiltable planing device for easy, safe blade changing
Tiltable operator's platform (2 positions)
1 blade
1 towel
Scope of delivery set





# Petrol / Gasoline

## Facts & figures

Engine	Honda GX690RH, 2 cylinder 688 cm <sup>3</sup>
Power	16.5 kW / 22.1 HP PS - 3,600 rpm
Weight when empty	1,100 kg (basic outfit)
Water tank	340 l
Snow tank	1 m <sup>3</sup> – compacted 1.25 m <sup>3</sup>
Fuel tank	15 l
Transmission	Continuously adjustable hydraulic four-wheel drive
Axles	Single wheel drive
Steering	Hydraulic
Footbrake	Hydraulic
Parking brake	Mechanical parking brake on rear wheels
Hydraulic system	18 cm <sup>3</sup> axial piston pump for drive, 6 cm <sup>3</sup> work units + cylinder movements, 4.4 cm <sup>3</sup> steering
Diameter of screw conveyors	vertically ø 175 mm horizontally ø 170 mm
Tires	5.00R12 83/81P 2 rows of spikes
Wheel rims	12" x 5" with hubcaps

## Standard equipment

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1 blade
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Scope of delivery set

**suva**  
CERTIFICATION



In conformity with Suva no. E 7164/2.e  
type-examination certificates



## Included in delivery (Lithium & Petrol / Gasoline)



1 blade in  
transport sheath



Felt spreader towel



2 rubber mats



6 mm hex socket T wrench



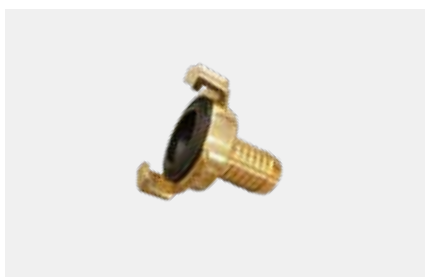
Cross-key with nut



Laceration-proof  
safety gloves



Grindstone



Water connector



Fuse set



Set ABS  
fastening material

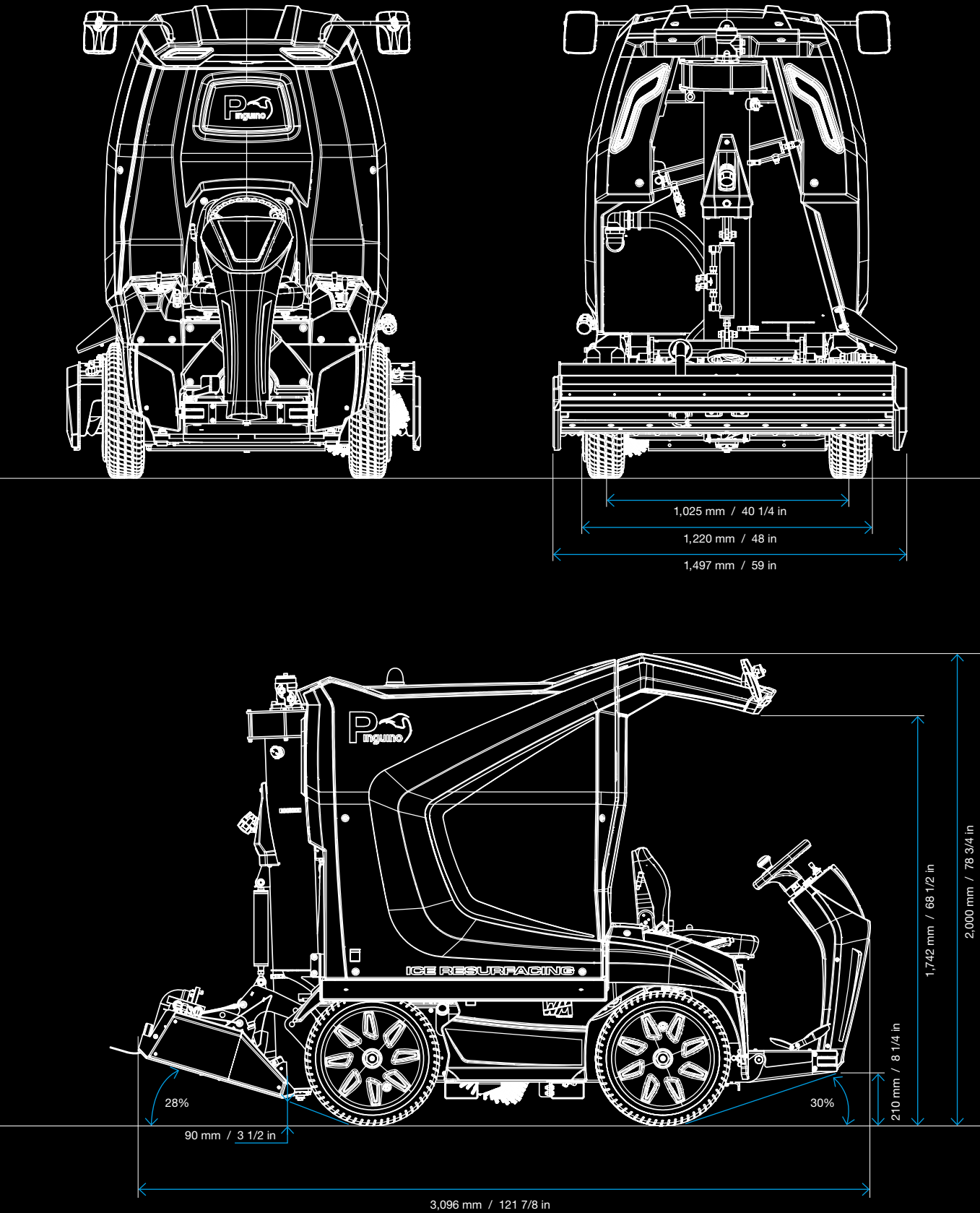


Operating instructions

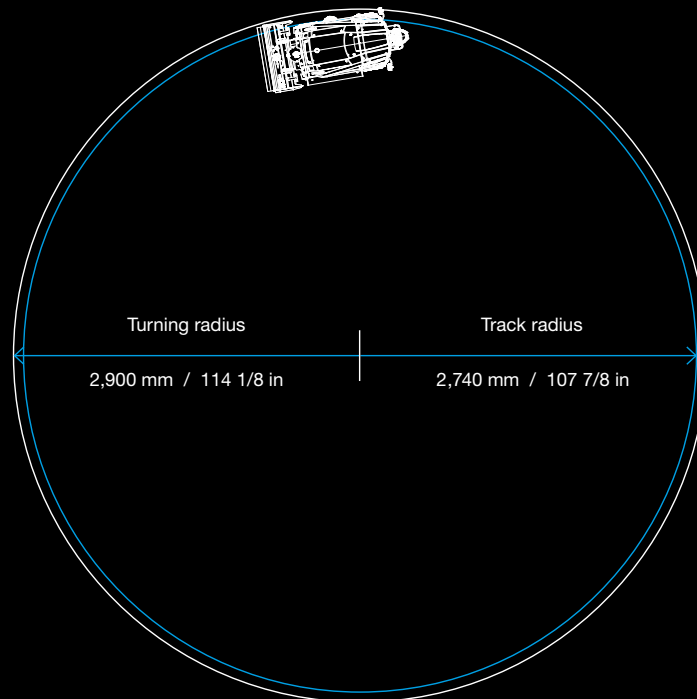
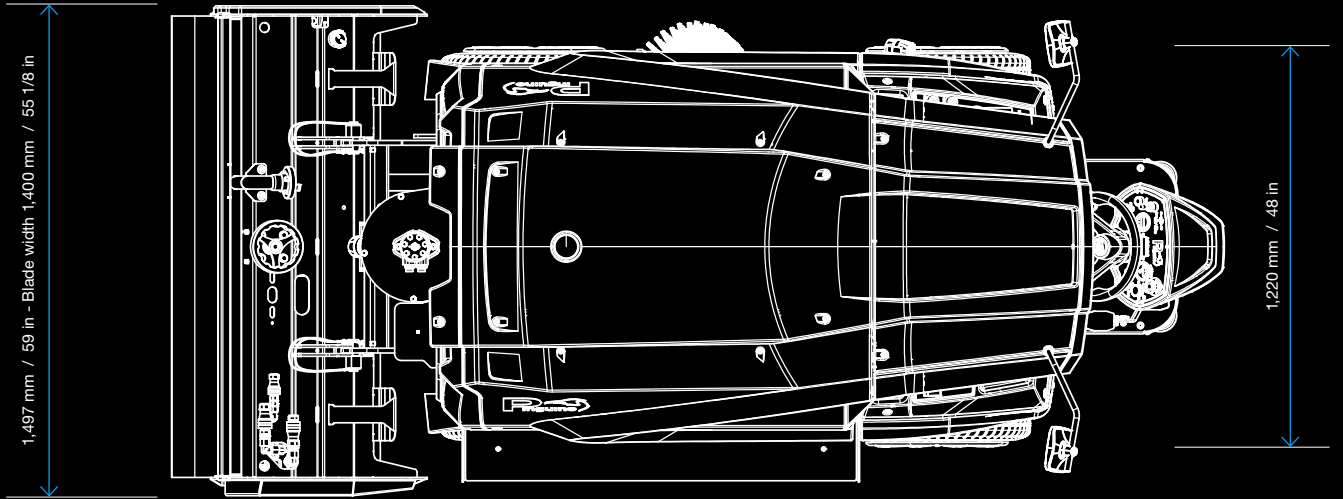


Online spare  
parts catalogue

# Dimensions







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