

Wash solutions

Malte 

# Malte Wash bay





# Effortless installation and designed for your business

Our modular car wash system is designed for simplicity, speed, and efficiency. Engineered for seamless installation, it can be quickly assembled on-site, minimizing downtime and setup costs.

With a focus on flexibility, each system is customized to meet the unique requirements of car wash operations, ensuring optimal performance and customer satisfaction.

Whether you're starting a new business or upgrading an existing facility, our modular solution combines innovative design with superior durability to deliver outstanding results.



## Nordic design

Malte Group is present in all the Nordic countries. We are ready to supply and service our wash bay wherever needed.

### Built for the Nordic climate

Our wash bay is specifically designed to withstand the challenging Nordic environment. With robust materials and weather-resistant construction, it ensures reliable performance in extreme temperatures, heavy snow, and high humidity. Engineered for durability, it provides long-lasting protection and efficiency, no matter the season.

The Malte car wash bay is designed to withstand snow loads of up to 5.0 kN/m<sup>2</sup>. Wind load zone 26 (m/s), ensuring stability and durability in harsh weather conditions.



## Exterior elements

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- **Roof:** Sandwich element 300mm EPS core, U-value 0.11 W/m<sup>2</sup>K. Top layer of durable 0.7 mm Aluzinc sheet metal
- **Exterior Walls:** The walls also feature a sandwich design, making them exceptionally strong. With a 150 mm EPS core, they achieve an excellent U-value of 0.22 W/m<sup>2</sup>K. The sandwich construction are self-supporting which exclude visible steel structure.



## Internal elements

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**Walls designed for easy maintenance:** The walls of the wash bay are designed with concealed electrical wiring and coated with 2mm fiberglass. This ensures a smooth surface that allows for simple and efficient cleaning, maintaining hygiene and durability in demanding environments.

# Quick installation

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## Week 1:

Groundwork

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## Week 2:

Foundation

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## Week 3:

Day 1: Delivery

Day 2-4: Building  
installation

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## Week 4:

Electrical and  
hardware installation

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## Week 5:

Open for business

# Malte Wash bay

## Single bay car wash

- External dimensions: (m)

12,0 x 7,45 x 4,7

- Wash bay inside dimensions:

11,7 x 5,0 x 3,9

- Technical room inside dimensions:

11,7 x 2,0 x 3,9

- Personal door 1:

0,9 x 2,1

- Personal door 2:

0,9 x 2,1

- Gate:

3,0 x 3,0

- Insulation total U-value (W/m<sup>2</sup>k):

0,27



## Dual bay car wash

- External dimensions: (m)

12,0 x 12,6 x 4,7

- Wash bay inside dimensions:

11,7 x 5,0 x 3,9

- Technical room inside dimensions:

11,7 x 2,0 x 3,9

- Personal door 1:

0,9 x 2,1

- Personal door 2:

0,9 x 2,1

- Gate:

3,0 x 3,0

- Insulation total U-value (W/m<sup>2</sup>k):

0,27

