



WALTER

**The front grill of the future
starts here.**

Smart surfaces for electric vehicles.


WALTER PACK

THE FRONT GRILL OF THE FUTURE.

The image shows a close-up of a car's front grille. The grille has a dark, textured surface with a repeating diamond pattern. In the center, the Walter logo is displayed in white. The logo consists of a stylized 'W' above the word 'WALTER' in a bold, sans-serif font. The background of the image is dark, with some light reflecting off the grille's surface.

W
WALTER

Electric vehicles have changed the nature of the front grilles. Ventilation is no longer necessary: now it can be designed.

At Walter Pack we develop decorative and functional front panels capable of integrating dynamic lighting, invisible patterns, custom graphics and sensors hidden under a continuous surface.

More identity.

More technology.

More design freedom.

WE DESIGN AND PRODUCE FRONT GRILLS FOR THE NEW ELECTRIC MOBILITY.

- At Walter Pack we specialize in decorative and functional surfaces for the automotive industry.
- For over 30 years we have developed technologies such as IMF/IMD/IME for high-precision external parts.
- Today, we are supporting OEMs and Tier 1 suppliers in a new challenge:

Create intelligent and customizable front ends for electric vehicles, capable of integrating lighting, visual identity and ADAS systems under a continuous surface.



**Technology,
aesthetics and
functionality
in a single part.**

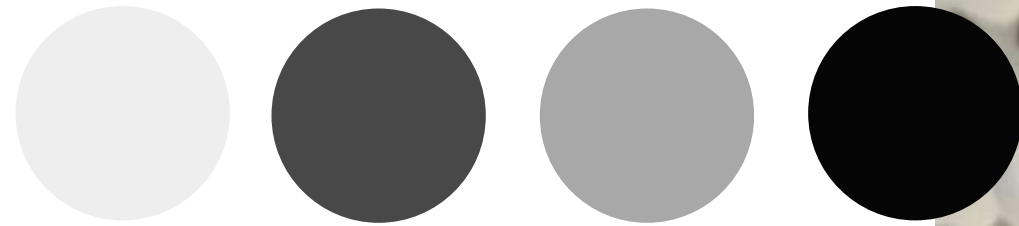
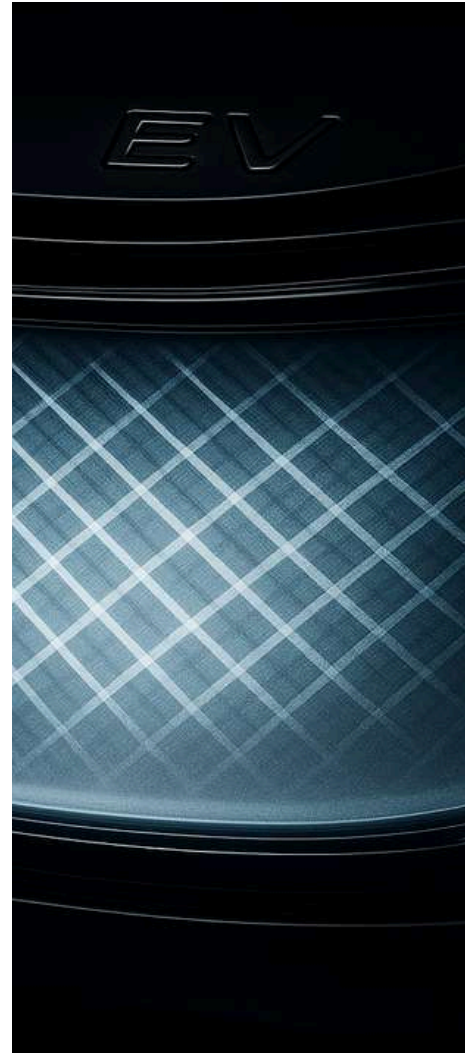




The front panel goes from being a functional grill to becoming a decorative panel, capable of lighting up, displaying graphics, integrating invisible sensors and expressing the brand's identity with total freedom.

**THE FRONT OF THE
FUTURE IS A SMART
SURFACE.**





- IMD/IMF/IME: graphics, electronics, textures and metallic effects.
- PC and PC-ABS: optical and radar-compatible materials.
- Invisible UV inks: patterns that only appear when illuminated.
- Lens layer hard-coated: a tough, continuous outer layer.
- Integrated lighting: LED, animations and pixel-grid.

MATERIALS AND TECHNOLOGIES THAT SHAPE THE FRONT

At Walter Pack we work with decoration technologies that allow us to create closed, backlit panels ready to integrate sensors and ADAS.





Complete design applied to a single piece.

Electric vehicles allow you to transform the front into a canvas.

With IMF/IME/IMD technologies we can apply continuous graphics, geometric patterns, metallic textures or complete illustrations over the entire exterior surface.

The panel becomes an element of visual identity, brand personalization and light communication, without ventilation restrictions or perforations.

**FULL SURFACE,
LIMITLESS DESIGN.**
ONE PANEL. ALL THE CREATIVE POSSIBILITIES.



Light, design and functionality.

Thanks to our technologies and the integration of backlighting, the front panels can incorporate light patterns, animations, dynamic bars, effects or interactive signals under a completely enclosed surface.

The result is a front end that exudes technology and amplifies the brand identity without compromising the exterior design.

**INTEGRATED LIGHTING.
VISUAL COMMUNICATION.**
THE FRONT PANEL CAN NOW COMMUNICATE.



The exterior design protects what is not seen.

Front panels now allow for the integration of sensors without compromising the design.

Thanks to the use of optical polycarbonates, radar-transparent areas, ultraviolet inks and multi-layer structures, ADAS systems are completely hidden behind a clean and decorated panel.

The result: a more elegant, safer front end, better prepared for autonomous mobility.

**INVISIBLE TECHNOLOGY,
INTEGRATED FUNCTIONALITY.**

SENSORS HIDDEN UNDER A SINGLE SURFACE



We manufacture large-format EV front panels.

Our team and facilities allow us to produce front panels of extraordinary dimensions, ready to be integrated into SUV platforms, electric pickups and large concept cars.

Thanks to our mastery of the most advanced technologies (IMD / IMF/IME), optics (PC), decoration and structural developments, we can manufacture surfaces that combine XL size, premium aesthetics and technical functionality without compromise.

**THE PIECE YOU IMAGINE,
IN THE SIZE YOU NEED.**

PRECISION IN LARGE-SCALE AUTOMOTIVE MANUFACTURING.



Large size + high pressure + premium accuracy

Walter Pack is one of the few manufacturers capable of producing large-format front panels using high-pressure forming technologies, achieving outstanding dimensional stability, repeatability and class-A finishing.

Our equipment allows us to industrialize front panels **up to 1.6 meters in length** with the precision required for automotive assemblies.

This capability — large size + high pressure + premium accuracy — is one of our most differential strengths in the EV front-end market.

HIGH-PRESSURE PARTS.

MAXIMUM PRECISION UP TO 1.6 METERS.



WALTER

**WE MAKE
WHAT YOU
IMAGINE.**

Book a 30-minute meeting and validate with our team how to integrate lighting, sensors, and advanced decoration into a next-generation EV front panel.