



## TVM 5645 Full-Motion TV Wall Mount (black)

Transparency regarding the footprint of our products is very important to us at Vogel's. We care for the environment and are working hard to make our products and the production process more sustainable. This footprint ecosheet provides an overview of the environmental footprint of this specific product to give you insight.

All impacts have been converted to the Global Warming Potential (GWP). This is the impact the product has on climate change expressed in kg CO<sub>2</sub> equivalent.

**Vogel's. For Tomorrow.**

Database:  
Publishing date:

Ecoinvent 3.8  
2024-06-10



Footprint ecosheet

**81%**  
of this product is  
**RECYCLABLE**



**19,9 kg CO<sub>2</sub> eq.**  
compares to  
**60 km**  
of car driving

To explain the GWP in a comprehensible manner, we compared it to car driving. For the average European car driving 3,03 km equals 1 kg CO<sub>2</sub> eq. (source: Ecoinvent 3.8).

## Manufacturing & materials

We minimize material use and use the impacts values as input for design decisions.

All impact related to manufacturing the product, including the extraction of raw materials, are included. Plastic components all have material marking for recycling.

**24,99 kg CO<sub>2</sub> eq.**

## Transport

All transport from the production location to our European warehouse in Oss is included in the calculation.

To calculate the total impact of transport, please use the distance between the location of use and our warehouse. Multiply those numbers with the impact of truck transport per kilometer (numbers on the next sheet).

**1,83 kg CO<sub>2</sub> eq.**

## Installation & use

We display the average energy use of power tools during installation. For our electrical products, we show the total energy use in the average total lifespan. Power usage of electrical devices attached to our products are not included in this footprint. Disposal of all packaging materials is included.

**0,32 kg CO<sub>2</sub> eq.**

## End of life

Our product is prepared for standard recycling loops such as paper and metal recycling. Negative values indicate high recycling rates and are considered savings on GWP for future re-use in any form.

**-7,25 kg CO<sub>2</sub> eq.**



Ecological  
impact

Total  
Product GWP

**19,9**  
Kg CO<sub>2</sub> eq

# Detailed product footprint of TVM 5645 Full-Motion TV Wall Mount (black)



This footprint ecosheet provides detailed information of the environmental footprint of this specific product.  
The calculated emissions have been converted to kg CO<sub>2</sub> eq.

## Manufacturing & materials

|                        | Steel  | Aluminium | Plastics | PAP    | Wood | Other | Manufacturing |
|------------------------|--------|-----------|----------|--------|------|-------|---------------|
| Weight in product      | 6653g  | -         | 407g     | 1530g  | -    | -     | -             |
| % of tot. weight       | 77,45% | -         | 4,74%    | 17,81% | -    | -     | -             |
| kg CO <sub>2</sub> eq. | 15,09  | -         | 2,01     | 1,1    | -    | -     | 6,79          |

## Transport

|                        | Factory to warehouse | Warehouse to customer |
|------------------------|----------------------|-----------------------|
| kg CO <sub>2</sub> eq. | 1,83                 | 0,001                 |

## Installation & Use

|                        | Installation | Use | Packaging paper* | Packaging plastics* |
|------------------------|--------------|-----|------------------|---------------------|
| kg CO <sub>2</sub> eq. | 0,005        | -   | 0,24             | 0,08                |

## End of life\*

|                        | Metals | Plastics | Woods and other |
|------------------------|--------|----------|-----------------|
| kg CO <sub>2</sub> eq. | -7,6   | 0,35     | -               |

\*Impact based on average European recycling rates

|              | Metals | Paper & Cardboard | Plastics | Woods and other |
|--------------|--------|-------------------|----------|-----------------|
| Recycle      | 80%    | 95%               | 20%      | -               |
| Incineration | 10%    | 3%                | 60%      | -               |
| Landfill     | 10%    | 2%                | 20%      | -               |

Made with  
respect for  
people and  
the planet.

We use Life Cycle Assessment (LCA) software to fill in this footprint datasheet as accurately as possible. For our calculations we follow ISO 14021:2006 and ISO 14040:2006/14044:2006.