# Environmental Product Declarations

landscapeforms

**Escofet Orientation Guide**

At Landscape Forms, we strive to both make our products responsibly and provide our customers the transparency they need to make the most informed decisions about what goes into their projects. That means looking closely at the resources we use, and understanding impacts at every life cycle stage, even after a product leaves our factory doors. That's why we've developed EPDs, to measure what's hard to measure, for every major material we source.

## Why Environmental Product Declarations?

EPDs (short for Environmental Product Declarations) are the gold-standard of environmental data. Learn more from the Navigating Environmental Product Data guide by ASLA.

Often referred to as "Nutrition Labels" for products, EPDs use the science of life cycle assessment to disclose real data across impact categories, including potential contribution to global warming, effects on marine and terrestrial ecosystems, and overall utilization of natural resources. EPDs work in concert with our Product Carbon Footprints, providing a more holistic view of each major material we work with.

EPD reports are standardized documents that are third-party verified and informed by layers of best practices. Our EPDs align with the International Organization for Standardization (ISO), an independent, non-governmental organization that brings global experts together to agree on the best way of doing things.

EPDs provide the insights, data, and baselines needed to enable policies and drive better practices across industries. Every new EPD provides more baseline data that is vital to understand and reduce the carbon impacts of construction and the broader environmental impacts of resource extraction.

## What You'll Find in Our EPDs

Escofet's EPDs are reported in accordance with ISO 14025, and available on the product pages of our website for download. Additional information can be found in the Life Cycle Assessment background report attached. Through these documents, you'll find details of the investigated systems, the study parameters, data sources and quality assessment, impact assessment methodology, and the critical review.

Escofet's EPDs are inclusive of the entire product life cycle, from Cradle to Grave. If you are utilizing our EPDs as an input to a Whole Project or Whole Building Life Cycle Assessment, we can share totals for Global Warming Potential, broken out in the A1-A3 Cradle to Gate product stages. Reach out to your Business Development Representative for any further needs.

EPDs can enable comparisons between products if:

- The two products are functionally equivalent for identical units
- The EPDs adhere to the same Product Category Rules
- The EPDs report the same life-cycle modules
- The Life Cycle Assessment references the same background data

## For More Information

Didn't find what you were looking for? Contact your Landscape Forms Business Development Representative to request additional information and documentation.

# Environmental Product Declaration

Escofet
by Molins

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THE INTERNATIONAL EPD® SYSTEM

ECO PLATFORM
EPD
VERIFIED

# Index

# What is a EPD?

A **EPD (Environmental Product Declaration)** is a verified document that provides quantitative information about the environmental impact of a product or service throughout its life cycle. The DAP is created voluntarily and considers all stages of a product, from raw material extraction, production, distribution, use, and end of life (including recycling or disposal).

They are developed under international standards such as **ISO 14025 (Type III Environmental Declarations)** and in specific sectors, such as construction, under the European standard **EN 15804**.

Escofet is the **first company in the prefabricated concrete urban furniture sector to obtain an Environmental Product Declaration**, a milestone that marks a new stage in our commitment to transparency, sustainability, the environmental responsibility of our products, and the continuous improvement of our processes.

Our EPDs are published on Environdec and Eco Platform, international platforms that offer verified and transparent environmental information about products and services.

www.environdec.com

www.eco-platform.org

# What data are significant?

Among all the data, **Kg CO2e (kilogram of carbon dioxide equivalent)** often stands out. This is the unit of measurement for the warming effect of greenhouse gases. CO2e is the exchange rate of other greenhouse gases for carbon. The exchange rate expresses how many kilograms of carbon dioxide emissions warm the climate equally to 1 kilogram of another greenhouse gas over a specific period (usually 100 years). CO2e translates the potency (how much infrared radiation a ton of each gas absorbs) and longevity (how long a ton of each gas radiates heat back into the atmosphere) relative to the emissions of a ton of carbon dioxide. CO2e allows us to compare and equate the effect of different greenhouse gases into a single climate footprint.

Another valuable data point is **MJ**, which refers to megajoules, a unit of energy that measures the total energy used or emitted during the life cycle of a product.

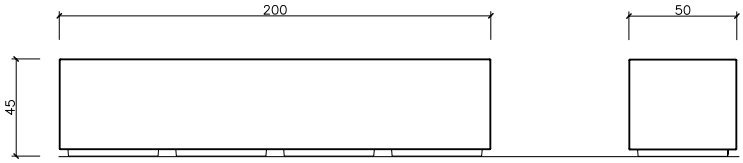
Finally, another important indicator is **$m^3$ depriv.** (Water Deprivation Potential), which measures the potential impact of water deprivation for human users and ecosystems due to water consumption in a specific region. The water footprint is increasingly important due to freshwater scarcity, climate change, population growth, and increased pressure on water resources.

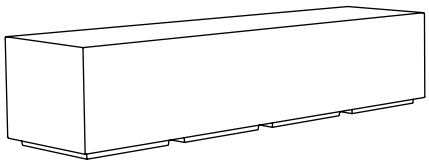
# 1. Family of concrete benches without reinforcement

The EPD that applies to the family of unreinforced concrete benches is defined according to the composition and selected the most representative and unique products of Escofet's catalog.

- BOX 200 GRIS
- SOCRATES 240
- GODOT SENCILLO
- GARONNE
- ZUERA 200
- SIT 240
- MODULAR CX 190
- SERP-5 STRAIGHT
- COMU CX CENTRAL
- SOC 90
- PUFF
- EXTASI
- KUSHI
- BONNIE
- PETRA L
- SOFFA BENCH FFA-1
- MIRADOR
- MOVE BENCH

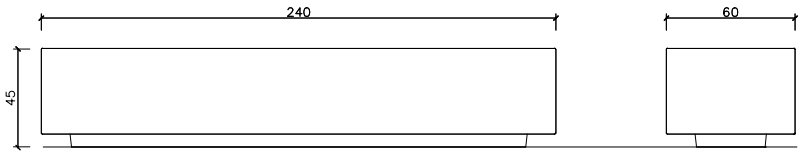
## BOX

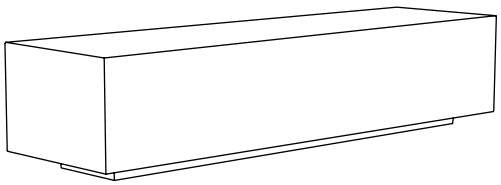


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BOX 200 Grey | 1060 kg | 349 | 3530 | 29.5 |

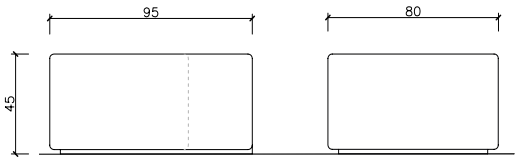
## SOCRATES

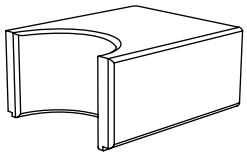


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SOCRATES 240 | 1483 kg | 535 | 5320 | 52.4 |

## GODOT



| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| GODOT Sencillo | 665 kg | 250 | 2530 | 26.5 |

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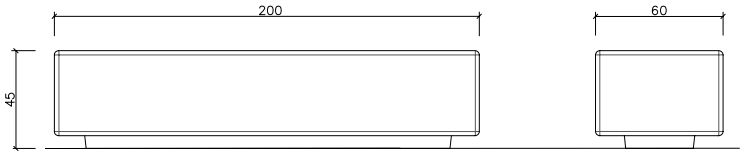
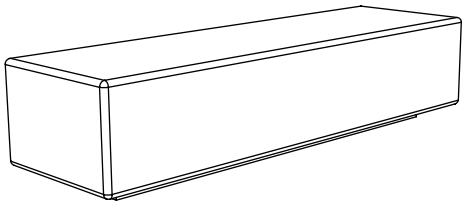
ECO PLATFORM EPD VERIFIED

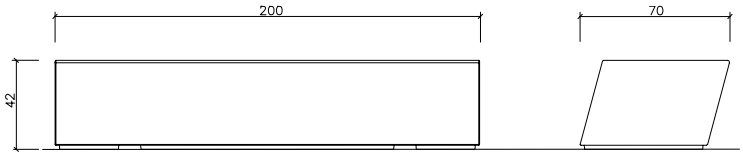
# GARONNE

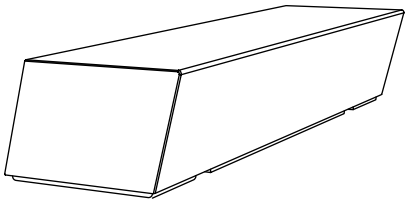


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| GARONNE Toulouse | 1230 kg | 439 | 4400 | 39.5 |

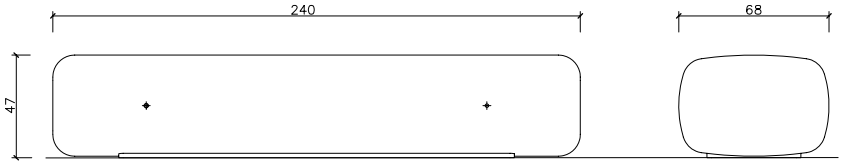
# ZUERA

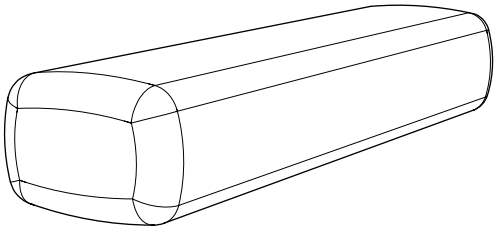


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| ZUERA 200 | 1200 kg | 421 | 4210 | 38.4 |

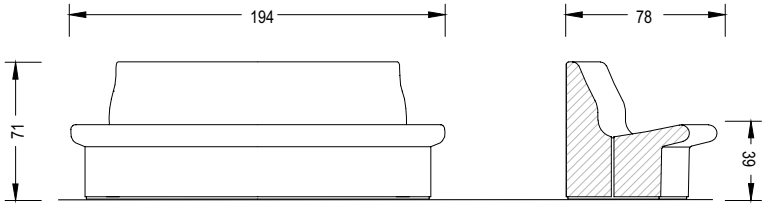
# SIT

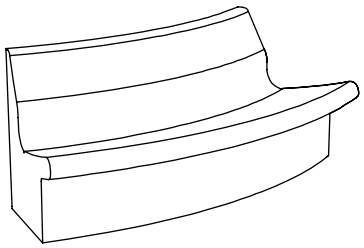


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SIT 240 | 1640 kg | 582 | 5820 | 50.8 |

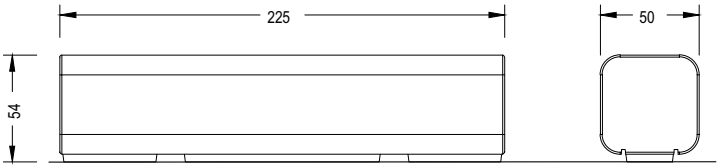
# MODULAR

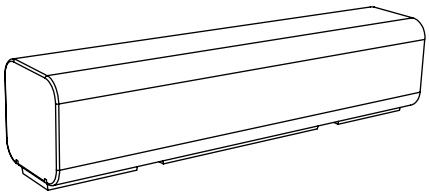


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MODULAR CX 190 | 960 kg | 348 | 3500 | 33.1 |

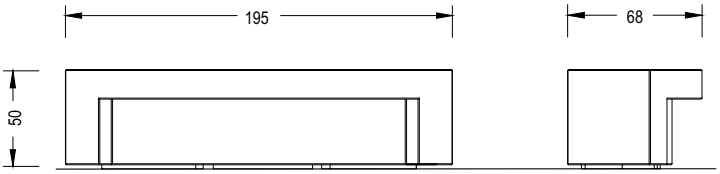
# SERP

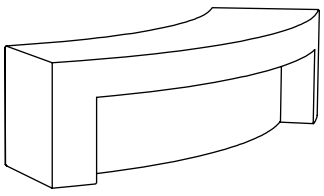


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SERP-5 Straight | 1345 kg | 463 | 4600 | 45.9 |

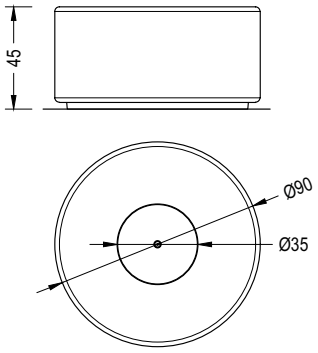
# COMÚ

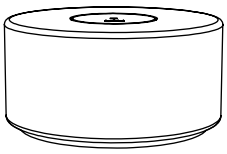


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| COMU CX Central | 815 kg | 327 | 3300 | 28.1 |

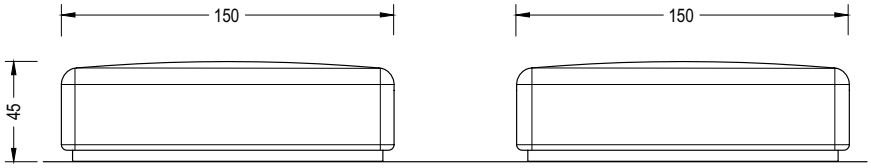
## SOC

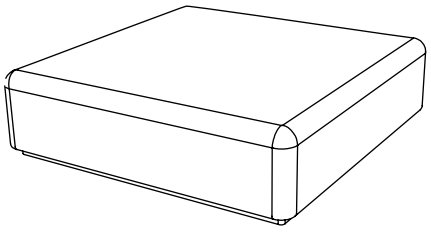


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SOC 90 | 550 kg | 196 | 1960 | 17.5 |

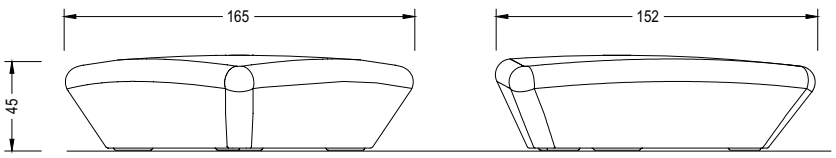
## PUFF

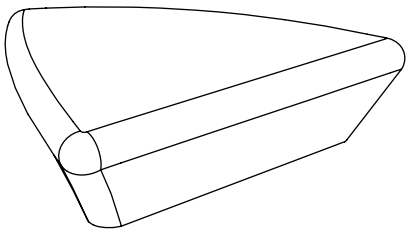


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| PUFF | 2100 kg | 740 | 7350 | 66.6 |

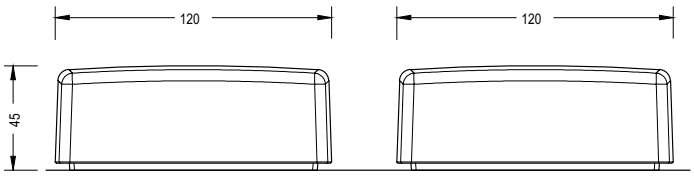
## EXTASI

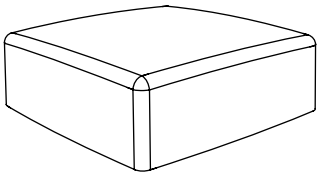


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| EXTASI | 1420 kg | 471 | 4700 | 44.5 |

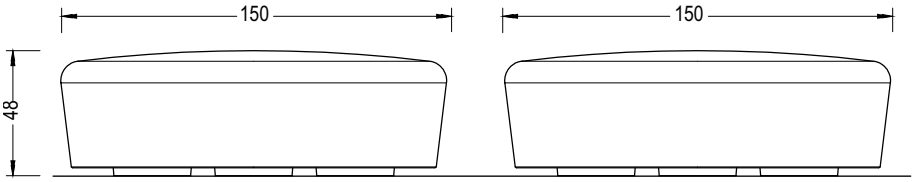
## KUSHI

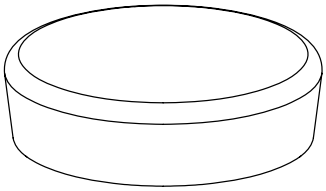


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| KUSHI | 767 kg | 280 | 2860 | 25 |

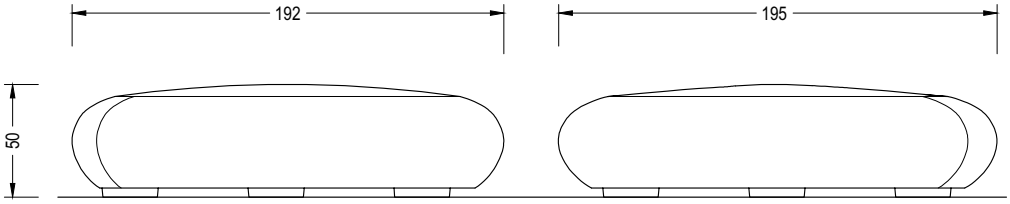
## BONNIE

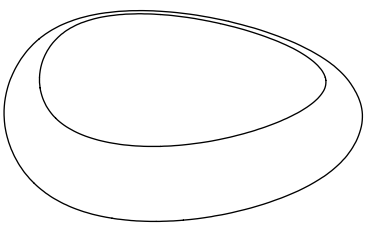


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BONNIE | 1700 kg | 602 | 6000 | 54.7 |

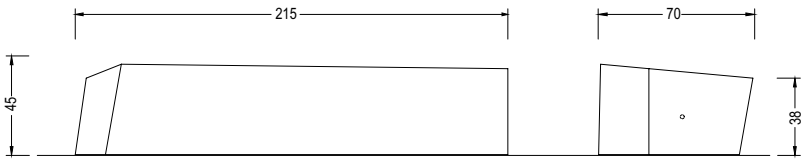
## PETRA

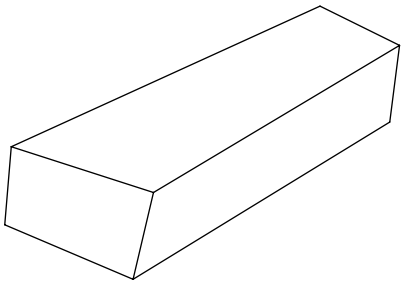


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| PETRA L | 2027 kg | 715 | 7090 | 67.5 |

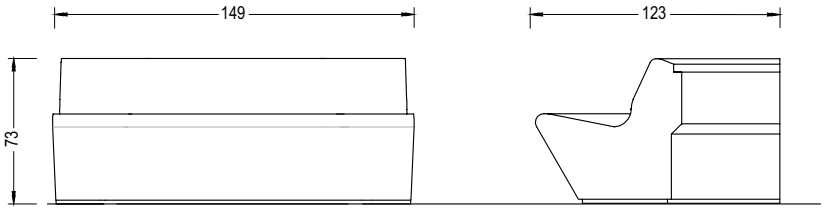
## SO-FFA

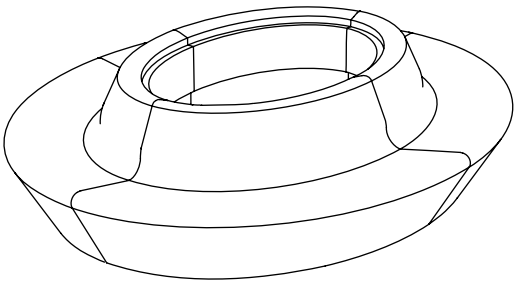


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SO-FFA FFA-1 | 1229 kg | 461 | 4600 | 44.2 |

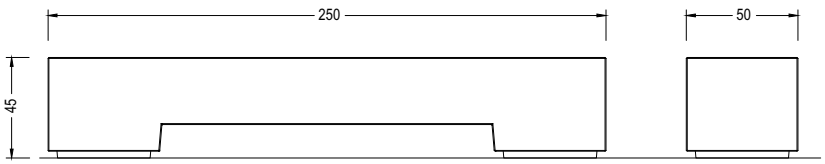
## MIRADOR

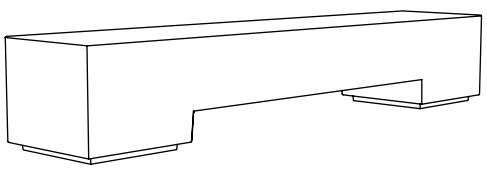


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MIRADOR | 992 kg | 358 | 3590 | 32.2 |

## MOVE



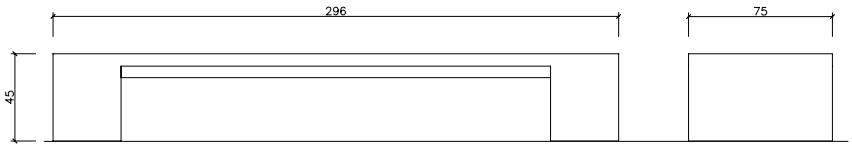
| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MOVE | 1075 kg | 385 | 3860 | 34.4 |

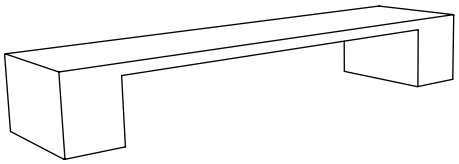
# 2. Family of reinforced concrete benches

The EPD that applies to the family of reinforced concrete benches is defined according to the composition and selected the most representative and unique products of Escofet's catalog.

- ABRIL
- MAYO 296
- BANCALOSA
- LEVIT 400
- GEN
- BOOMERANG
- EQUAL 300 CONCRETE
- TRAM STRAIGHT
- LONGO BENCH
- FLOR BIG
- TWIG
- MILENIO STRAIGHT
- HEBI SOLID CURVED
- HEBI FLOATING CURVED
- ISLERO
- NAGUISA R375B
- LUNGO MARE A
- SLOPE
- BINOCULAR
- BILBAO
- WAVE

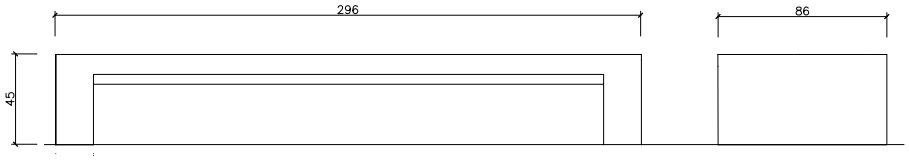
# ABRIL

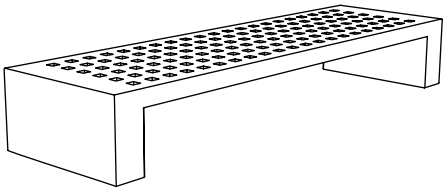


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| ABRIL | 1106 kg | 412 | 4300 | 58.6 |

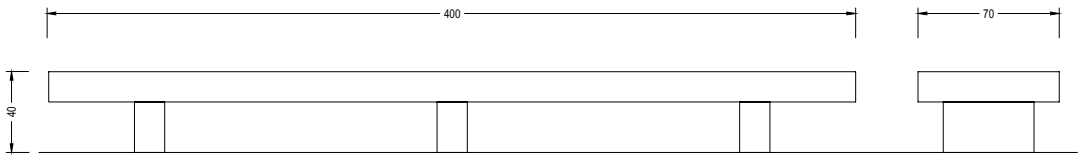
# MAYO

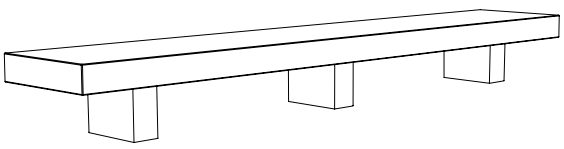


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MAYO 296 | 906 kg | 311 | 3400 | 69.4 |

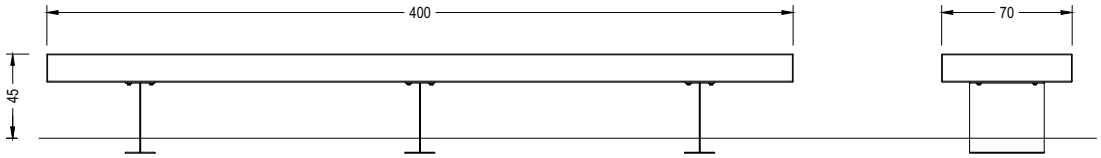
# BANCALOSA

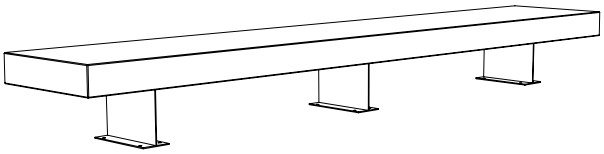


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BANCALOSA | 1114 kg | 412 | 4360 | 54.9 |

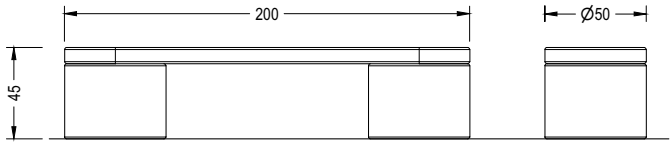
## LEVIT

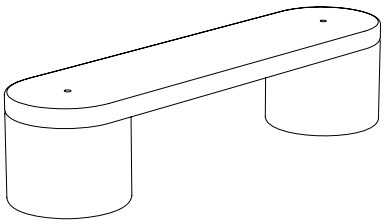


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| LEVIT 400 | 1050 kg | 366 | 4030 | 72.6 |

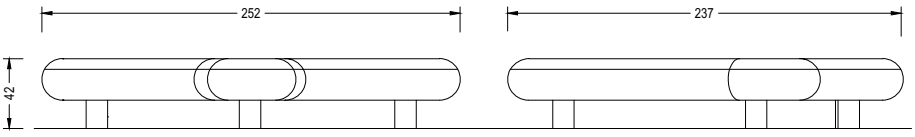
## GEN

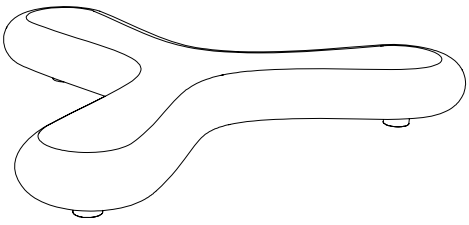


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| GEN | 540 kg | 251 | 2630 | 32.6 |

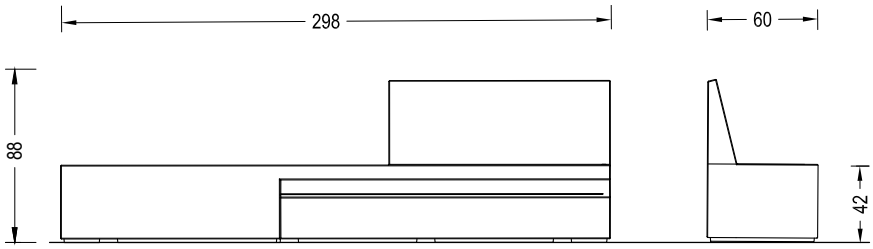
## BOOMERANG

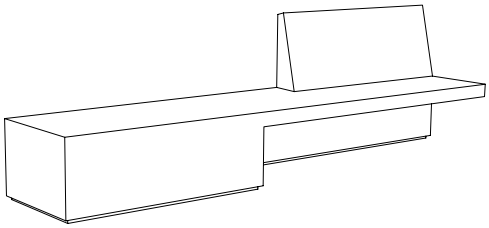


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BOOMERANG | 1882 kg | 754 | 7990 | 99.2 |

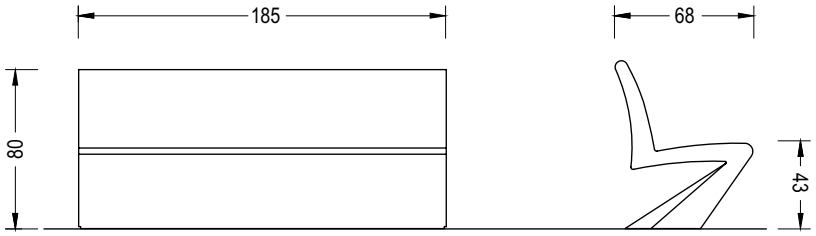
## EQUAL

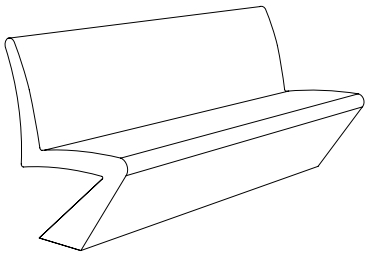


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| EQUAL 300 Concrete | 1131 kg | 417 | 4440 | 67.5 |

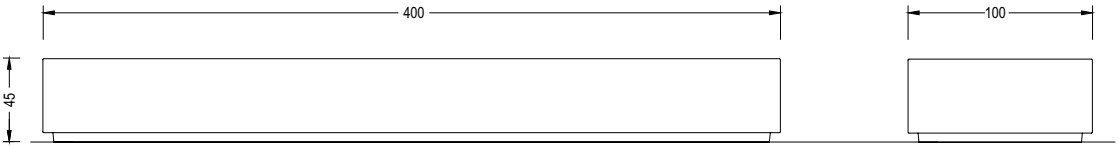
## TRAM

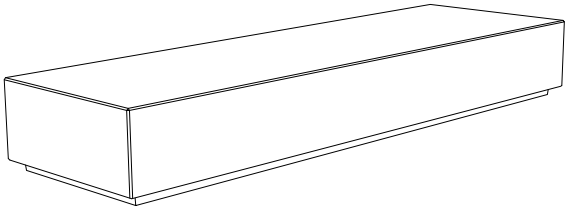


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| TRAM Straight | 638 kg | 280 | 2940 | 33.2 |

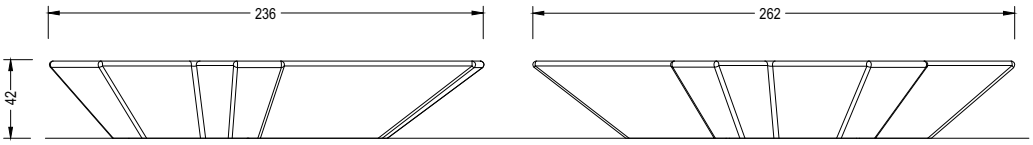
## LONGO

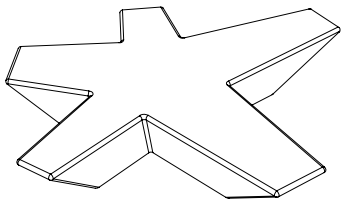


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| LONGO | 2562 kg | 1010 | 10700 | 105.0 |

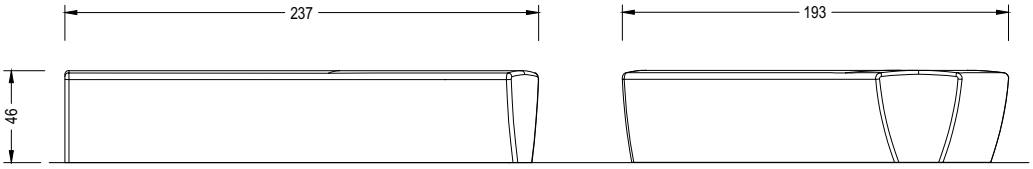
## FLOR

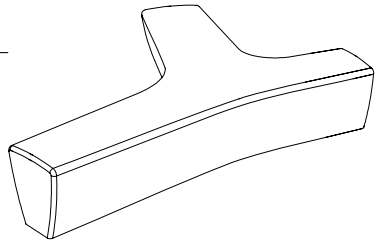


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| FLOR Big | 1737 kg | 669 | 6940 | 73.0 |

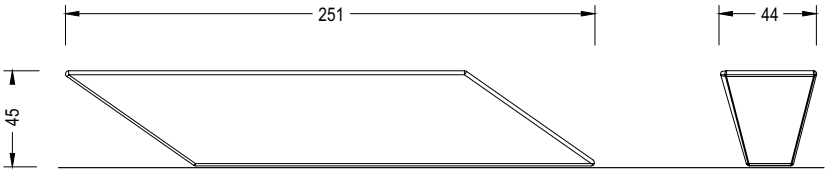
## TWIG

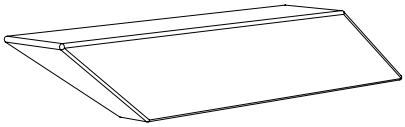


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| TWIG | 1768 kg | 671 | 6940 | 76.2 |

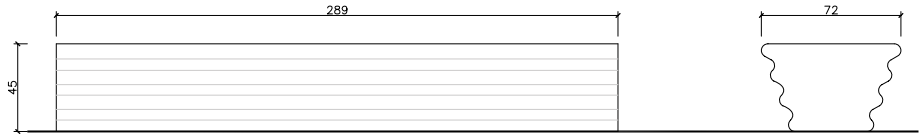
## MILENIO

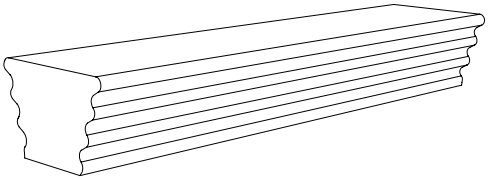


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MILENIO Straight | 690 kg | 256 | 2620 | 30.8 |

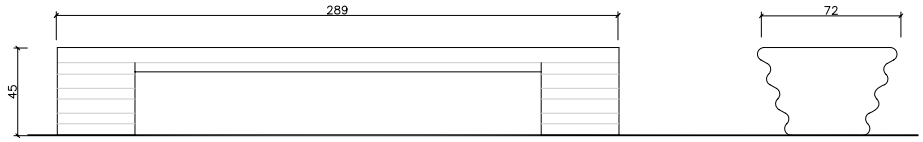
## HEBI

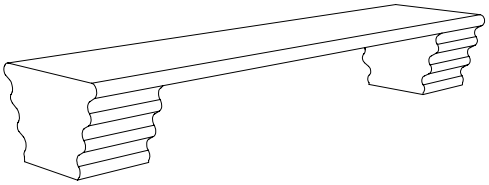


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| HEBI Solid Curved | 1680 kg | 644 | 6650 | 56.6 |

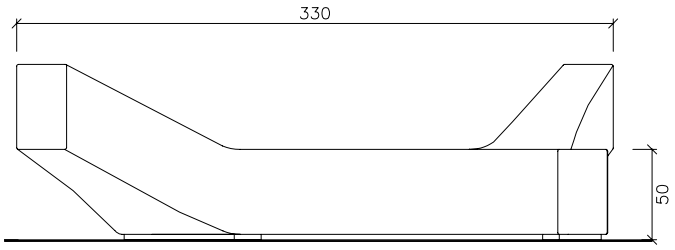
## HEBI

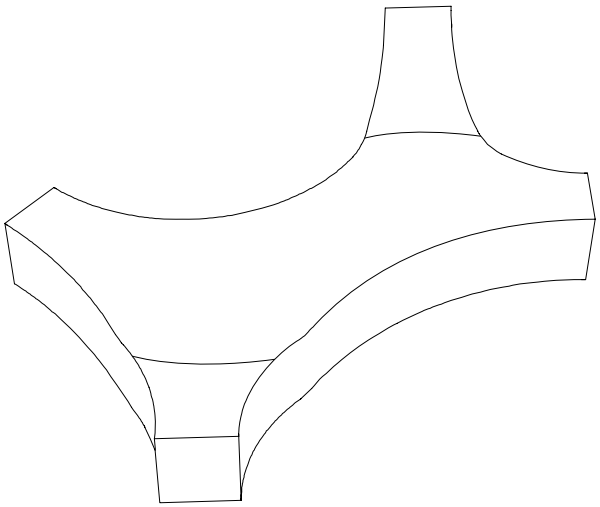


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| HEBI Curved Floating | 974 kg | 339 | 3660 | 56.7 |

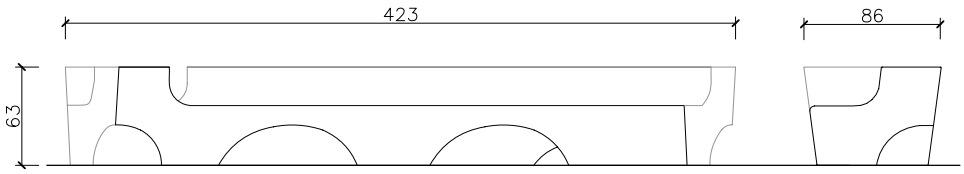
## ISLERO

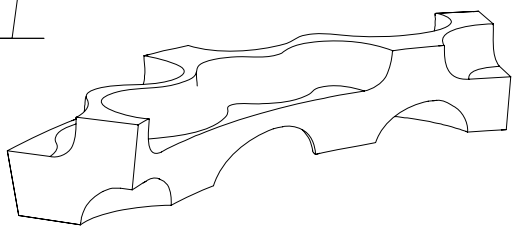


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| ISLERO | 3015 kg | 1180 | 12500 | 125 |

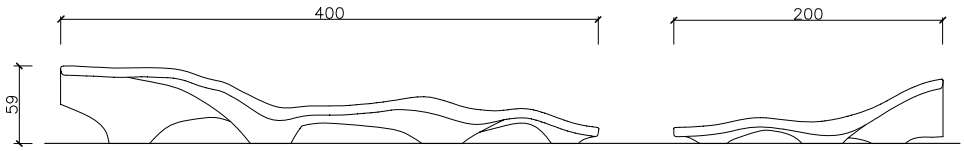
## NAGUISA

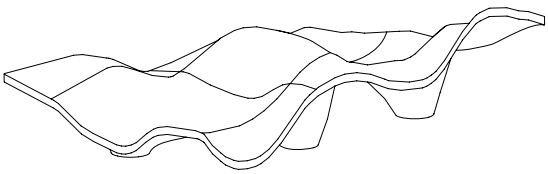


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| NAGUISA R375B | 2260 kg | 873 | 9100 | 97.3 |

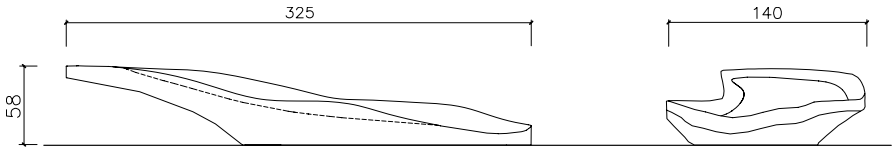
## LUNGO MARE

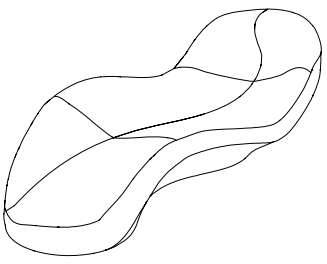


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| LUNGO MARE A | 2837 kg | 1280 | 13700 | 163 |

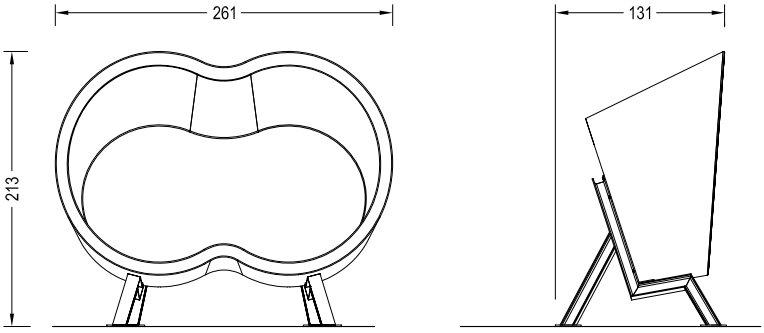
## SLOPE

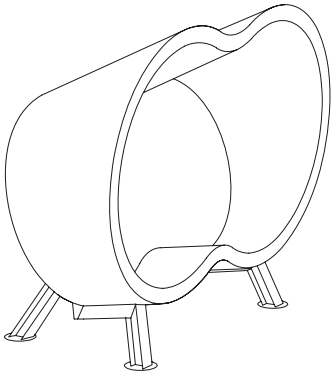


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SLOPE | 1500 kg | 635 | 6640 | 68.5 |

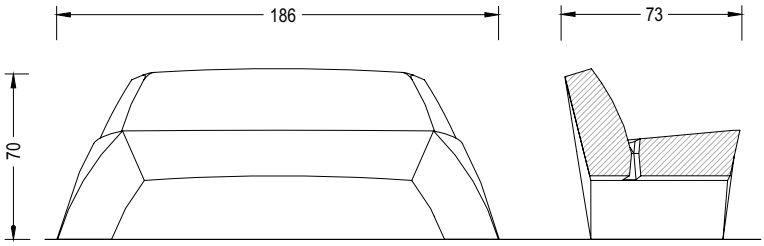
## BINOCULAR

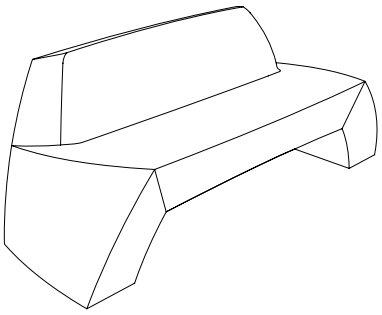


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BIOCULAR | 1960 kg | 412 | 4300 | 58.6 |

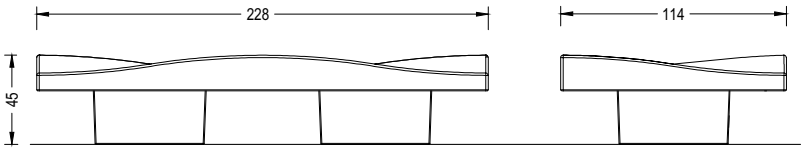
## BILBAO

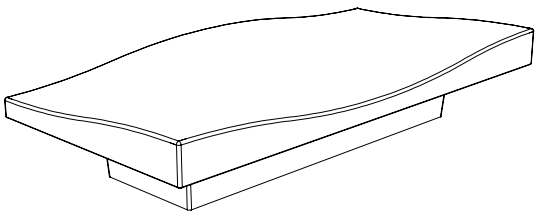


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BILBAO Banco | 723 kg | 311 | 3400 | 69.4 |

## WAVE



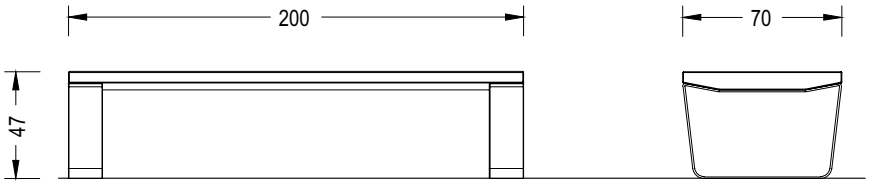
| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| WAVE | 1104 kg | 412 | 4360 | 54.9 |

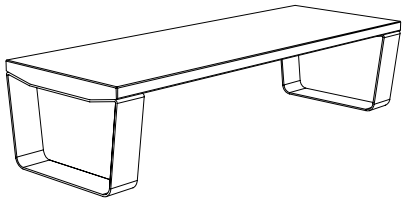
# 3. Family of UHPC concrete benches

The EPD that applies to the UHPC-Slimconcrete family of concrete benches is defined according to the composition and selected the most representative and unique products from Escofet's catalog.

- STONE 200 OMEGA
- PRIMA 220
- MARINA 220
- BRISA
- GRASSHOPPER BENCH
- MOM 240
- VILNIUS 200 ARMREST
- CONCRET BENCH
- BRUNO
- KELLY BENCH
- SATELLITE
- DOMUS
- RIO
- NANTES CHAIR ARMREST

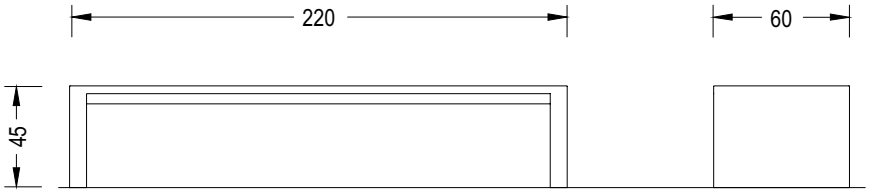
## STONE

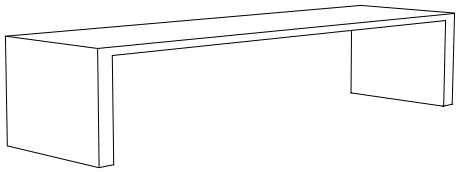


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| STONE 200 Omega | 322 kg | 370 | 3710 | 51.2 |

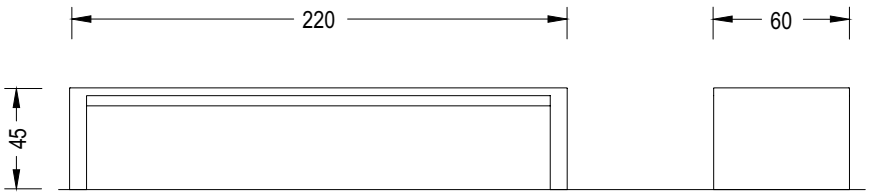
## PRIMA

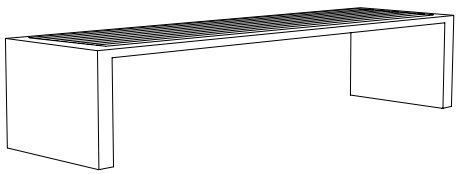


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| PRIMA 220 | 294 kg | 263 | 2580 | 42.2 |

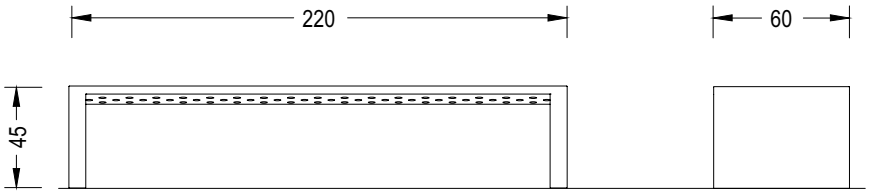
## MARINA

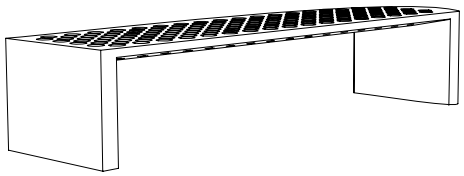


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MARINA 220 | 295 kg | 294 | 3180 | 54.4 |

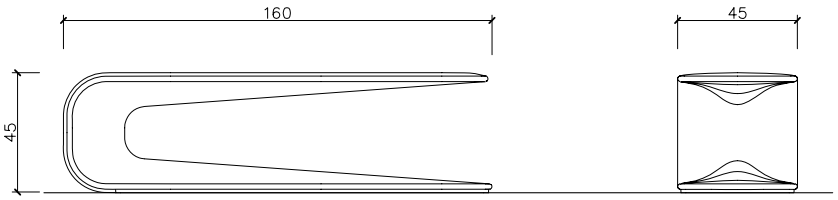
## BRISA

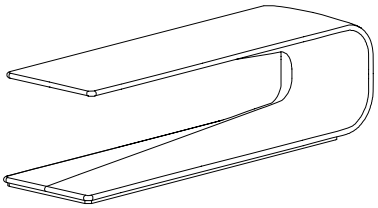


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BRISA | 280 kg | 236 | 2240 | 36 |

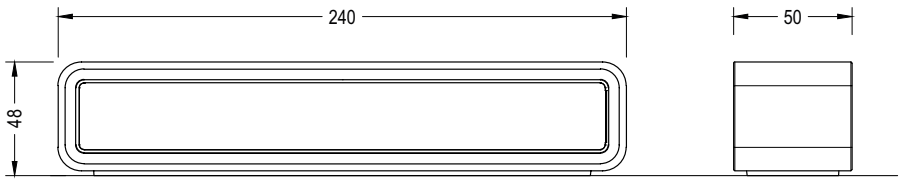
## GRASSHOPPER

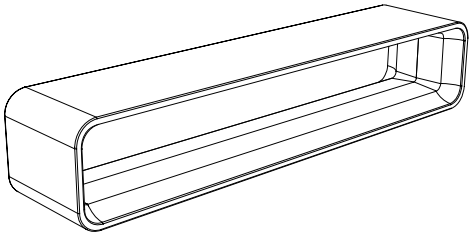


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| GRASSHOPPER | 235 kg | 163 | 1480 | 20.7 |

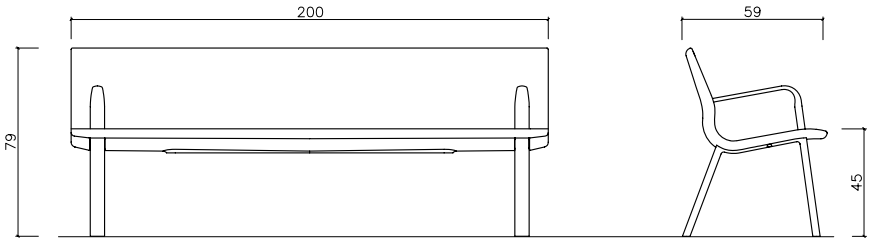
## MOM

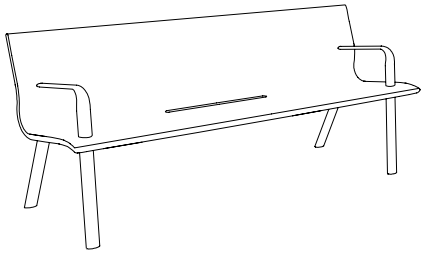


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MOM 240 | 488 kg | 410 | 3900 | 59.1 |

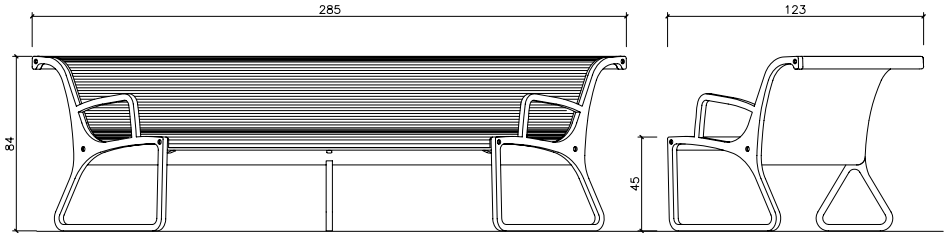
# VILNIUS

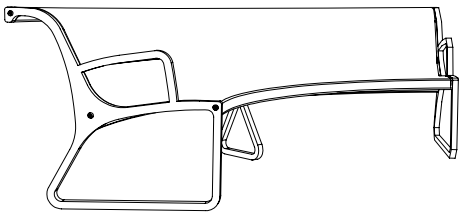


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| VILNIUS 200 Armrest | 187 kg | 242 | 2280 | 25.4 |

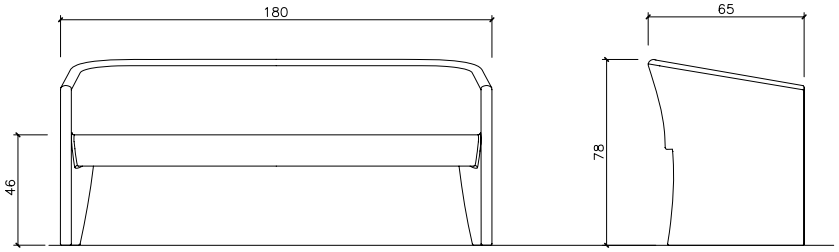
# CONCRET

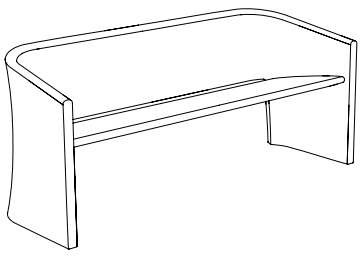


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| CONCRET | 385 kg | 662 | 6270 | 67.9 |

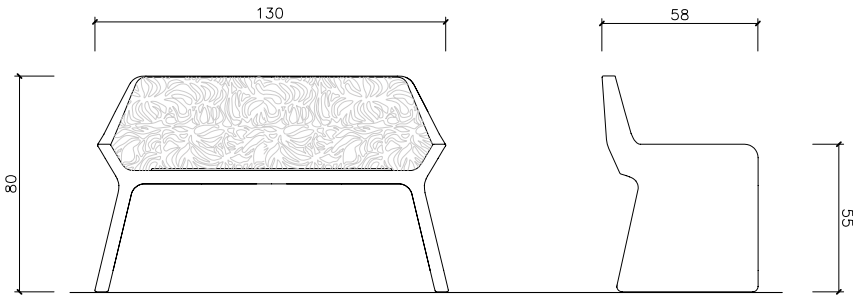
# BRUNO

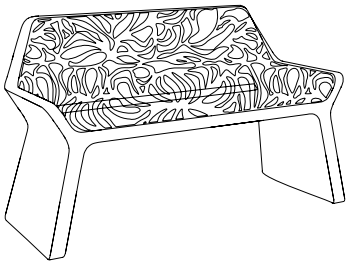


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BRUNO | 261 kg | 161 | 1400 | 21.4 |

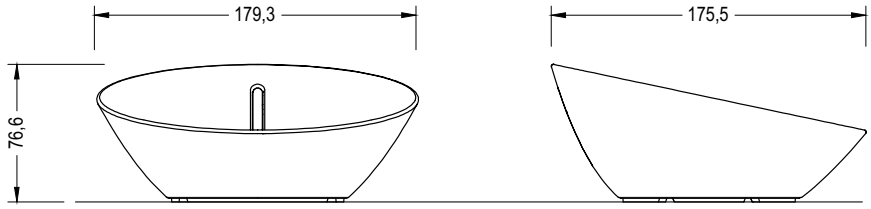
## KELLY

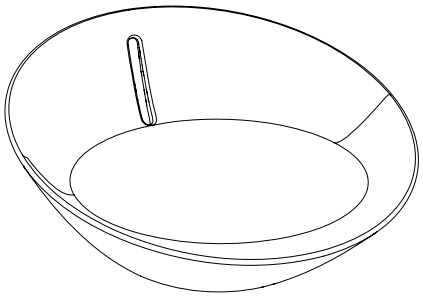


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| KELLY | 200 kg | 127 | 1140 | 14.7 |

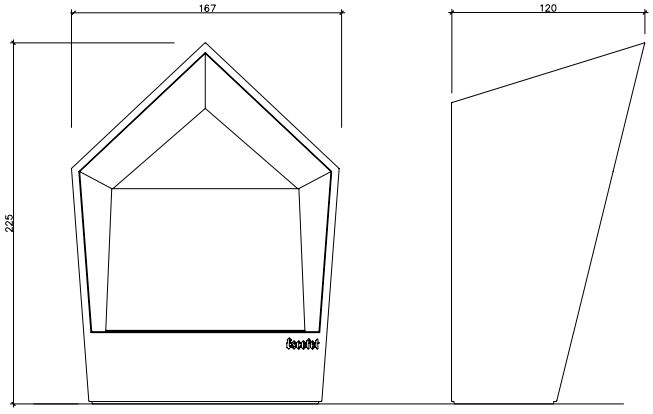
## SATELLITE

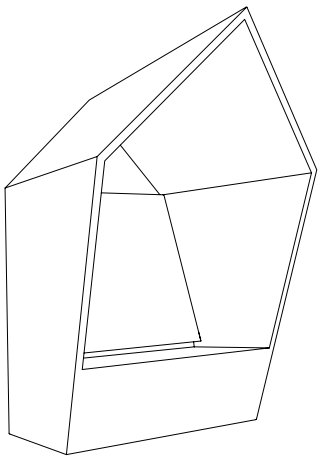


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SATELLITE | 910 kg | 517 | 4300 | 60.1 |

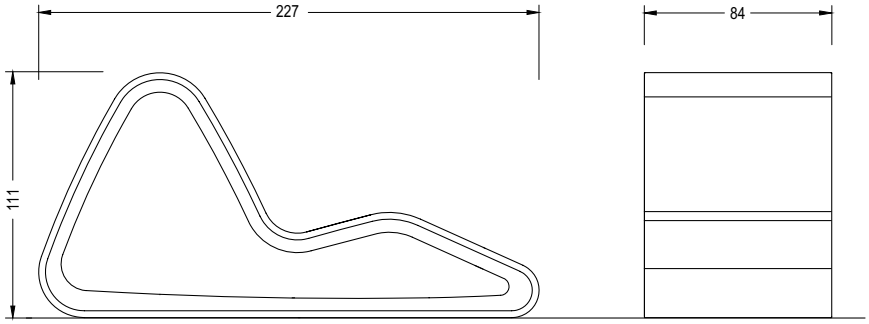
## DOMUS

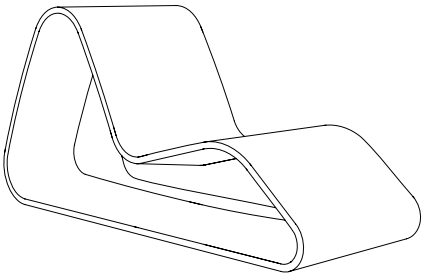


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| DOMUS | 1790 kg | 1180 | 10400 | 153 |

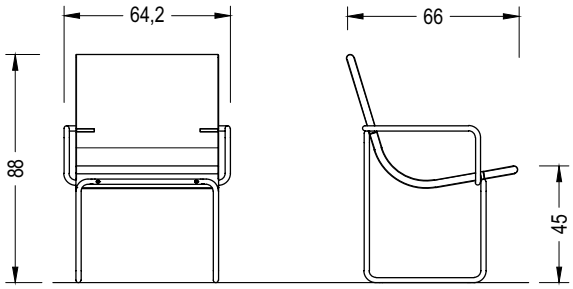
# RIO

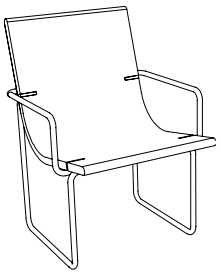


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| RIO | 755 kg | 370 | 3710 | 51.2 |

# NANTES



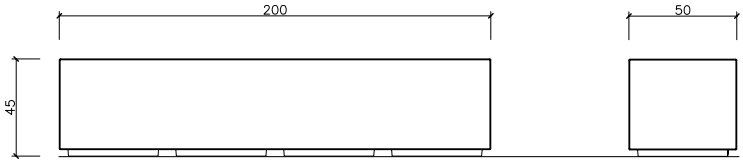
| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| NANTES Chair Armrest | 56 kg | 263 | 2580 | 42.2 |

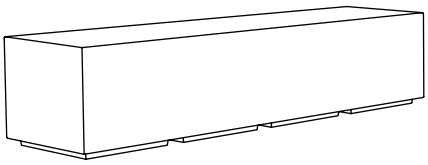
# 4. Family of ECO concrete benches

The EPD that applies to the ECO family of concrete benches is defined according to the composition and selected the most representative and unique products from Escofet's catalog.

- BOX 200
- PORTIC 160
- ALPINE 240
- PRAT TABLE
- PRAT STOOL

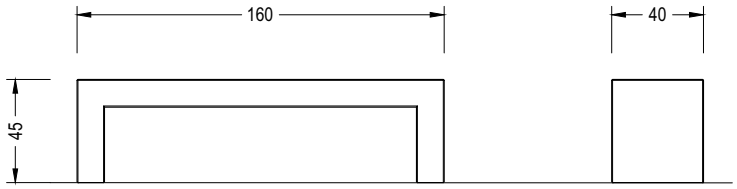
## BOX

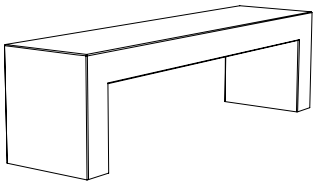


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| BOX 200 | 1060 kg | 361.9 | 3611.6 | 39.6 |

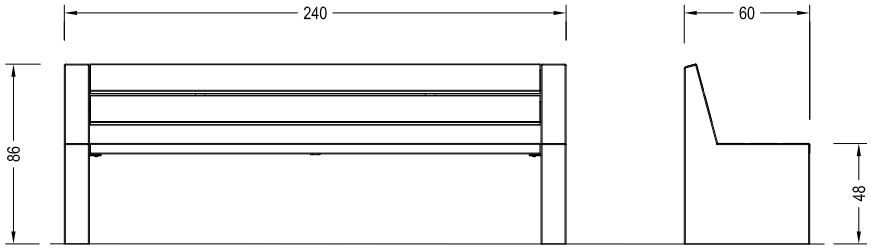
## PORTIC

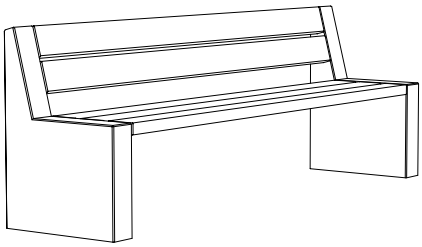


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| PORTIC 160 | 260 kg | 142.8 | 1445.5 | 22.3 |

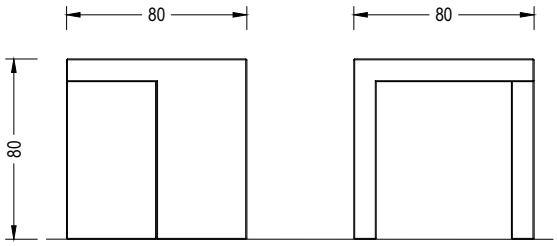
## ALPINE

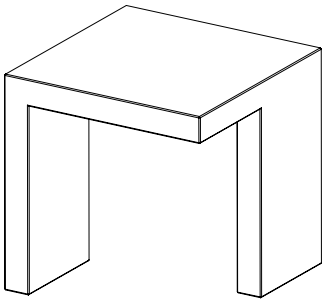


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| ALPINE 240 | 250 kg | 136.8 | 1460 | 22.8 |

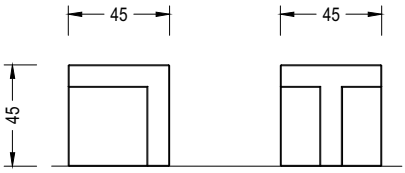
# PRAT

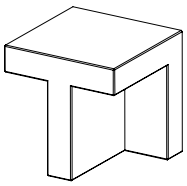


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| PRAT Table | 290 kg | 51.5 | 533 | 7.3 |

# PRAT



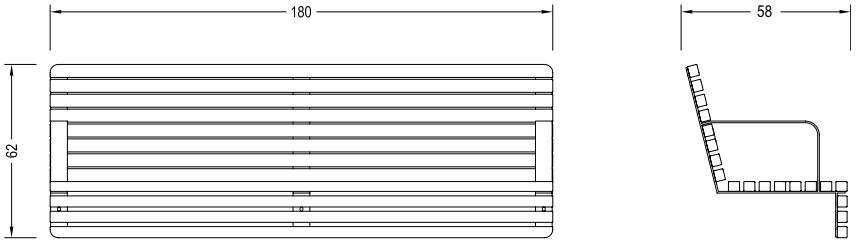
| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| PRAT Stool | 115 kg | 51.2 | 532.6 | 7 |

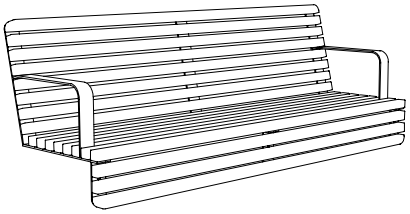
# 5. Family of Wood and Metal benches

The EPD that applies to the Wood & Metal Benches family is defined according to the composition and selected the most representative and unique products of Escofet's catalog.

- UNIVERSE ACC. BENCH
- KANJI BENCH
- LONGO ACC. BENCH
- SISA 150
- NOMO 190
- REST BACKREST 150
- MONTSENY 150
- KIWI 180 ARMREST
- MOOK 220
- TRAMET BACKLESS BENCH
- LASAI CHAISE-LONGUE 180

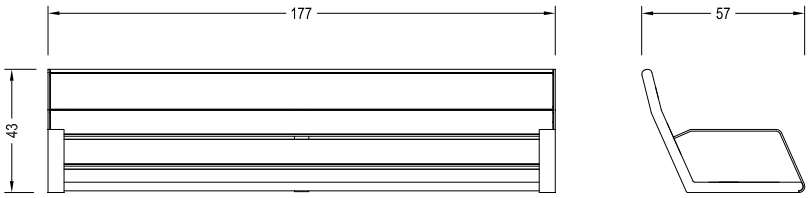
# UNIVERSE

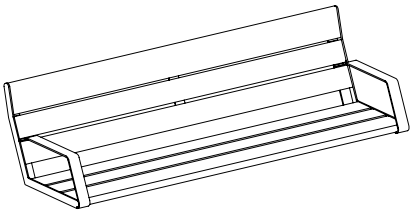


| Unity | Weight | Kg CO2 | MJ | $m^3$ depriv. |
|---|---|---|---|---|
| UNIVERSE ACC. Bench | 46 kg | 67 | 767 | 9.9 |

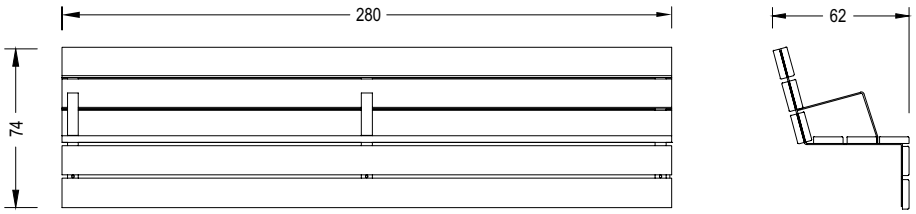
# KANJI

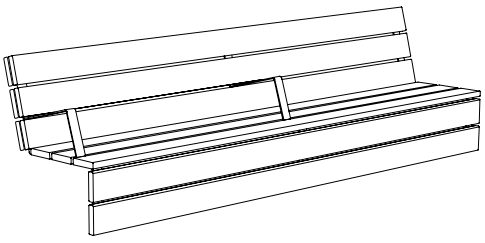


| Unity | Weight | Kg CO2 | MJ | $m^3$ depriv. |
|---|---|---|---|---|
| KANJI 175 Bench | 35 kg | 58 | 668 | 8.9 |

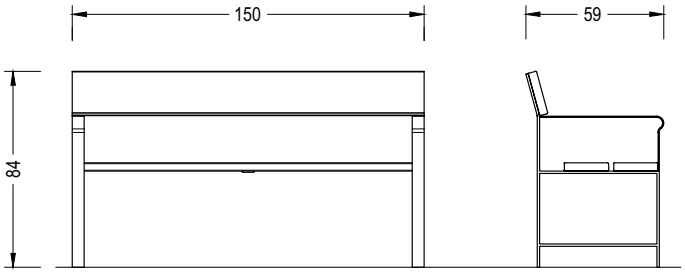
# LONGO

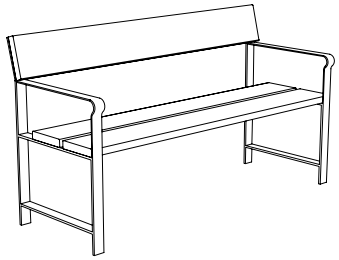


| Unity | Weight | Kg CO2 | MJ | $m^3$ depriv. |
|---|---|---|---|---|
| LONGO ACC. Bench | 92 kg | 67.8 | 792 | 10.1 |

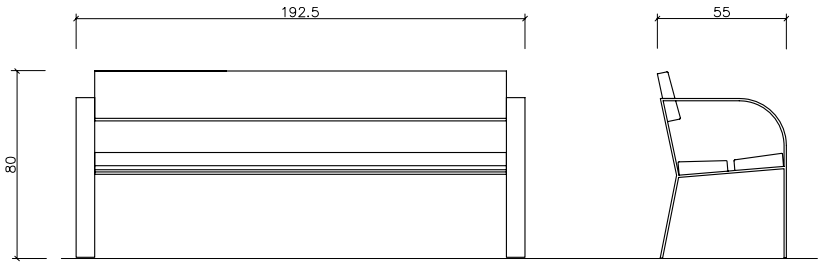
## SISA

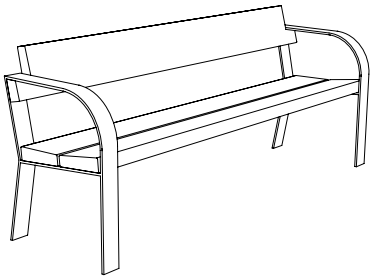


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SISA 150 | 39 kg | 100.6 | 1132.8 | 15.5 |

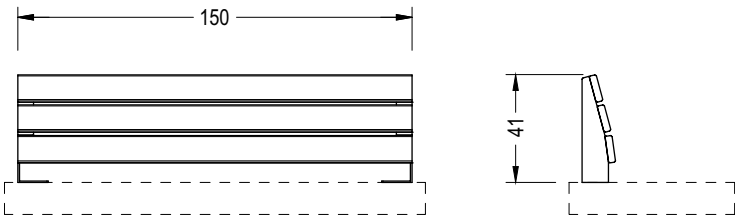
## NOMO

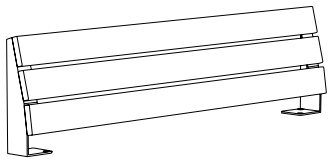


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| NOMO 190 | 56 kg | 105 | 1209 | 17.5 |

## REST



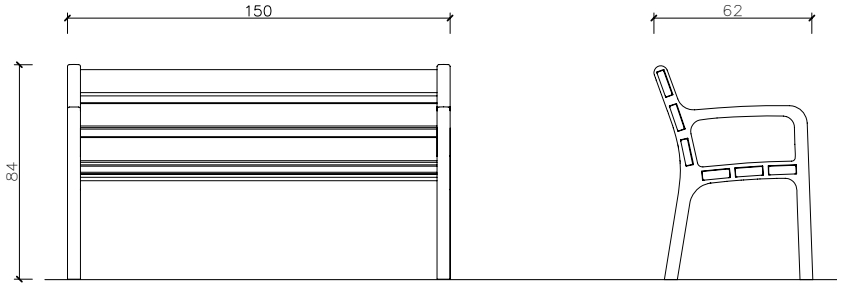
| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| REST Backrest 150 | 13 kg | 31.9 | 365.8 | 4.4 |

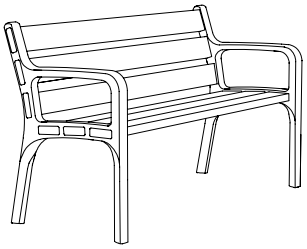
Escofet by Molins

EPD® THE INTERNATIONAL EPD® SYSTEM

ECO PLATFORM EPD VERIFIED

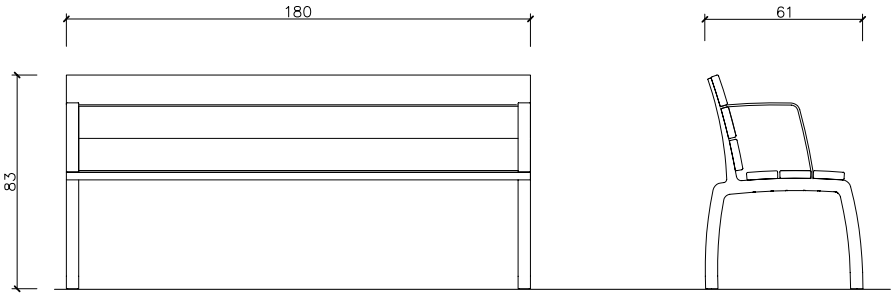
# MONTSENY

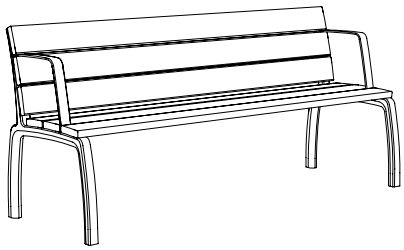


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MONTSENY 150 | 42 kg | 556 | 5580 | 50.9 |

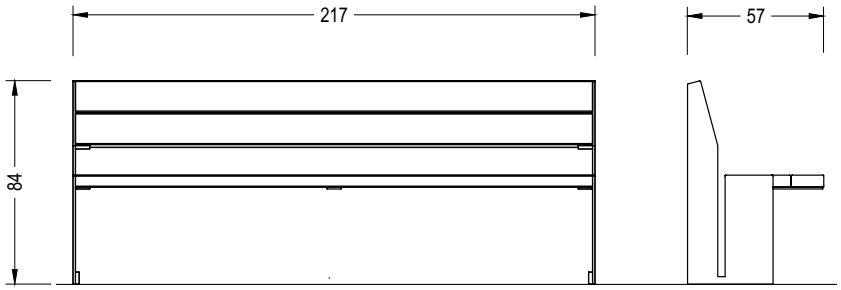
# KIWI

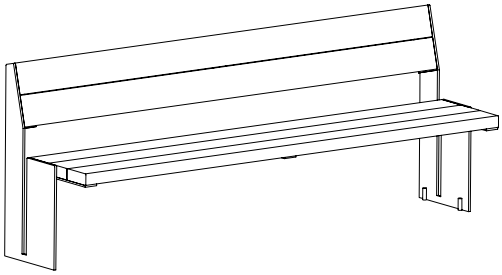


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| KIWI 180 Armrest | 51 kg | 454 | 4580 | 41.9 |

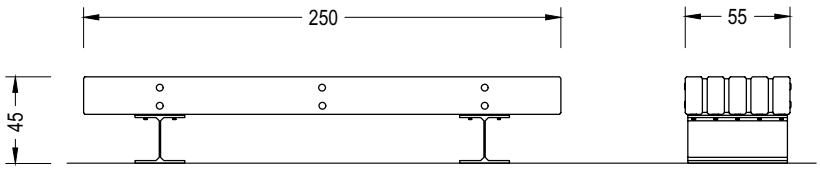
# MOOK

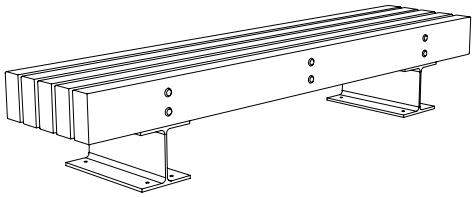


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| MOOK Bench | 116 kg | 288 | 3154 | 46.4 |

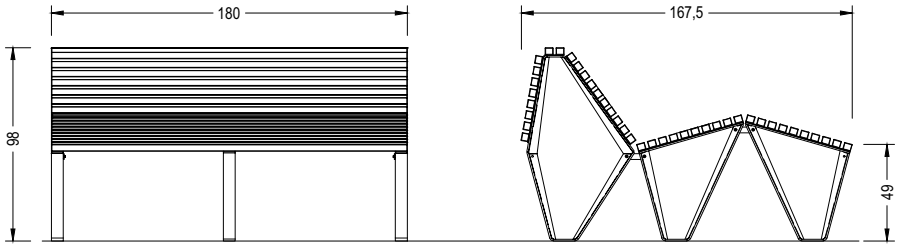
# TRAMET

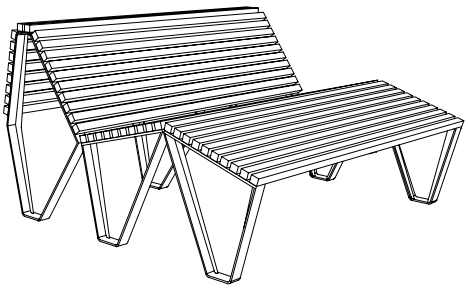


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| TRAMET Backless bench | 185 kg | 288 | 3082 | 47.4 |

# LASAI



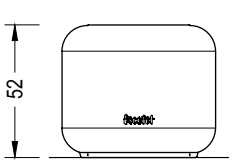
| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| LASAI Chaise-LONGUE | 146 kg | 337 | 3785.5 | 55.2 |

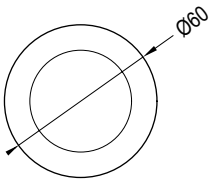
# 6. Family of Plastic benches

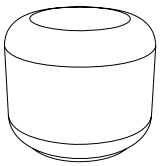
The EPD that applies to the Plastic Benches family is defined according to the composition and selected the most representative and unique products of Escofet's catalog.

- STUL
- SIT AIR CUBE
- SIT AIR BENCH
- TWIG AIR
- STARFISH
- EXTASI AIR

## STUL

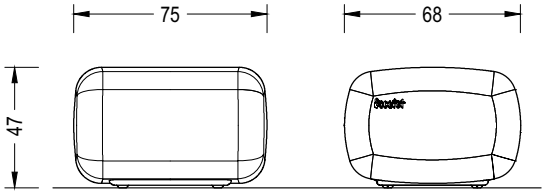


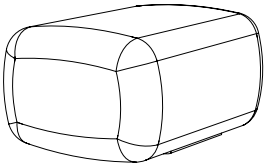



| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| STUL | 11 kg | 48.3 | 1086 | 19.3 |

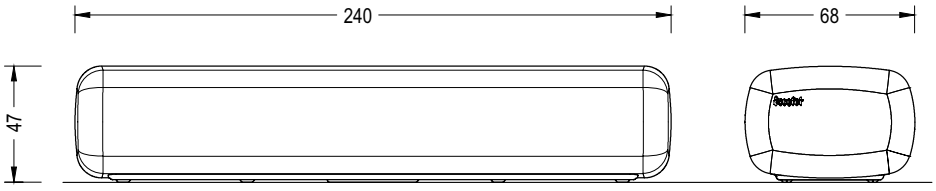
## SIT AIR

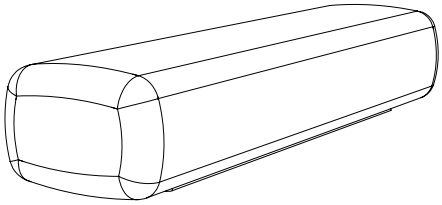


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SIT AIR Cube | 15 kg | 63.6 | 1453.4 | 25.8 |

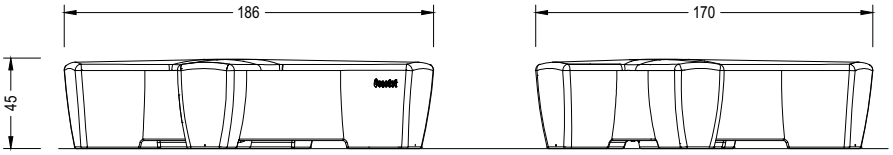
## SIT AIR

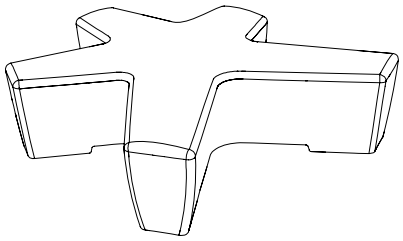


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| SIT AIR Backless bench | 45 kg | 180 | 4272.1 | 73.2 |

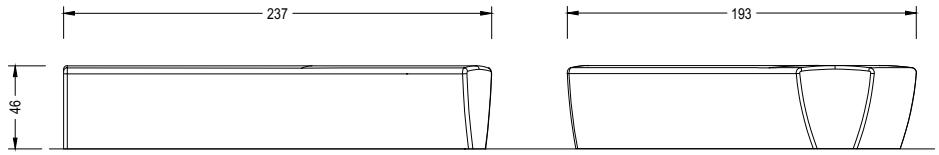
## STARFISH

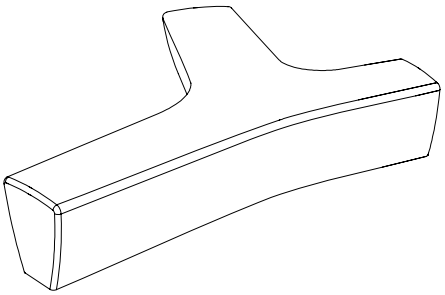


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| STARFISH | 43 kg | 194.5 | 4321 | 77.0 |

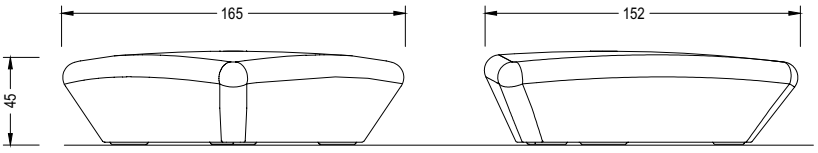
## TWIG AIR

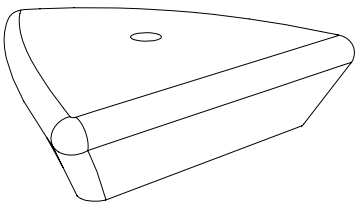


| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| TWIG AIR | 53 kg | 226.2 | 5171.3 | 89.2 |

## EXTASI AIR



| Unity | Weight | Kg CO2 | MJ | m³ depriv. |
|---|---|---|---|---|
| EXTASI AIR | 36 kg | 164.5 | 3631.9 | 64.7 |

# Comparative table: Concrete without reinforcement

| Indicador | Unit | BOX 200 GREY | SOCRATES 240 | GODOT SENCILLO | GARONNE | ZUERA 200 | SIT 240 | MODULAR CX190 | SERP-5 STRAIGHT | COMU CX CENTRAL |
|---|---|---|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 3,49E+02 | 5,35E+02 | 2,50E+02 | 4,39E+02 | 4,21E+02 | 5,82E+02 | 3,48E+02 | 4,63E+02 | 3,27E+02 |
| Climate change - Biogenic | kg CO2 eq. | 2,25E+00 | 3,62E+00 | 1,57E+00 | 2,79E+00 | 2,57E+00 | 3,70E+00 | 2,19E+00 | 2,87E+00 | 2,08E+00 |
| Climate change - Fossil | kg CO2 eq. | 3,45E+02 | 5,27E+02 | 2,46E+02 | 4,34E+02 | 4,15E+02 | 5,76E+02 | 3,43E+02 | 4,55E+02 | 3,24E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 1,88E+00 | 5,20E+00 | 2,83E+00 | 2,26E+00 | 2,56E+00 | 1,98E+00 | 2,37E+00 | 5,03E+00 | 7,49E-01 |
| Ozone depletion | kg CFC 11 eq. | 5,16E-06 | 7,80E-06 | 3,62E-06 | 6,42E-06 | 6,17E-06 | 8,48E-06 | 5,06E-06 | 6,74E-06 | 4,79E-06 |
| Acidification | mol H+ eq. | 1,57E+00 | 2,39E+00 | 1,13E+00 | 1,96E+00 | 1,88E+00 | 2,60E+00 | 1,57E+00 | 2,07E+00 | 1,47E+00 |
| Eutrophication, freshwater | kg P eq. | 4,96E-03 | 7,75E-03 | 3,79E-03 | 6,13E-03 | 5,77E-03 | 8,14E-03 | 5,01E-03 | 6,62E-03 | 4,52E-03 |
| Eutrophication, marine | kg N eq. | 4,28E-01 | 6,62E-01 | 3,18E-01 | 5,30E-01 | 5,13E-01 | 6,91E-01 | 4,27E-01 | 5,78E-01 | 3,92E-01 |
| Eutrophication, terrestrial | mol N eq. | 4,68E+00 | 7,08E+00 | 3,37E+00 | 5,81E+00 | 5,59E+00 | 7,63E+00 | 4,63E+00 | 6,15E+00 | 4,35E+00 |
| Photochemical ozone formation | kg NMVOC eq. | 1,47E+00 | 2,20E+00 | 1,05E+00 | 1,82E+00 | 1,75E+00 | 2,39E+00 | 1,45E+00 | 1,91E+00 | 1,37E+00 |
| Resource use, minerals and metals | kg Sb eq. | 2,23E-04 | 3,39E-04 | 2,72E-04 | 2,78E-04 | 2,53E-04 | 4,76E-04 | 3,28E-04 | 2,88E-04 | 2,12E-04 |
| Resource use, fossils | MJ | 3,53E+03 | 5,32E+03 | 2,53E+03 | 4,40E+03 | 4,21E+03 | 5,82E+03 | 3,50E+03 | 4,60E+03 | 3,30E+03 |
| Water use | $m^3$depriv. | 2,95E+01 | 5,24E+01 | 2,65E+01 | 3,95E+01 | 3,84E+01 | 5,08E+01 | 3,31E+01 | 4,59E+01 | 2,81E+01 |

| Indicador | Unit | SOC 90 | PUFF | EXTASI | KUSHI | BONNIE | PETRA L | SOFFA BENCH FFA | MIRADOR | MOVE BENCH |
|---|---|---|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 1,96E+02 | 7,40E+02 | 4,71E+02 | 2,80E+02 | 6,02E+02 | 7,15E+02 | 4,61E+02 | 3,58E+02 | 3,85E+02 |
| Climate change - Biogenic | kg CO2 eq. | 1,22E+00 | 4,55E+00 | 2,88E+00 | 1,76E+00 | 3,83E+00 | 4,46E+00 | 2,89E+00 | 2,27E+00 | 2,49E+00 |
| Climate change - Fossil | kg CO2 eq. | 1,93E+02 | 7,32E+02 | 4,64E+02 | 2,78E+02 | 5,95E+02 | 7,05E+02 | 4,55E+02 | 3,54E+02 | 3,81E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 1,38E+00 | 4,00E+00 | 3,36E+00 | 6,42E-01 | 3,67E+00 | 5,87E+00 | 3,03E+00 | 1,73E+00 | 1,94E+00 |
| Ozone depletion | kg CFC 11 eq. | 2,86E-06 | 1,08E-05 | 6,84E-06 | 4,18E-06 | 8,77E-06 | 1,04E-05 | 6,74E-06 | 5,21E-06 | 5,63E-06 |
| Acidification | mol H+ eq. | 8,90E-01 | 3,30E+00 | 2,11E+00 | 1,32E+00 | 2,69E+00 | 3,19E+00 | 2,06E+00 | 1,61E+00 | 1,73E+00 |
| Eutrophication, freshwater | kg P eq. | 2,73E-03 | 1,03E-02 | 6,73E-03 | 3,78E-03 | 8,48E-03 | 1,02E-02 | 6,42E-03 | 5,07E-03 | 5,38E-03 |
| Eutrophication, marine | kg N eq. | 2,49E-01 | 8,85E-01 | 5,73E-01 | 3,42E-01 | 7,27E-01 | 8,70E-01 | 5,60E-01 | 4,35E-01 | 4,68E-01 |
| Eutrophication, terrestrial | mol N eq. | 2,70E+00 | 9,68E+00 | 6,21E+00 | 4,00E+00 | 7,92E+00 | 9,38E+00 | 6,09E+00 | 4,77E+00 | 5,12E+00 |
| Photochemical ozone formation | kg NMVOC eq. | 8,40E-01 | 3,02E+00 | 1,94E+00 | 1,19E+00 | 2,48E+00 | 2,92E+00 | 1,90E+00 | 1,49E+00 | 1,60E+00 |
| Resource use, minerals and metals | kg Sb eq. | 1,24E-04 | 5,68E-04 | 4,04E-04 | 3,23E-04 | 4,83E-04 | 5,54E-04 | 2,84E-04 | 3,34E-04 | 2,45E-04 |
| Resource use, fossils | MJ | 1,96E+03 | 7,35E+03 | 4,70E+03 | 2,86E+03 | 6,00E+03 | 7,09E+03 | 4,60E+03 | 3,59E+03 | 3,86E+03 |
| Water use | $m^3$depriv. | 1,75E+01 | 6,66E+01 | 4,45E+01 | 2,50E+01 | 5,47E+01 | 6,75E+01 | 4,42E+01 | 3,22E+01 | 3,44E+01 |

# Comparative table: Reinforced concrete

| Indicador | Unit | ABRIL | MAYO 296 | BANCA LOSA | LEVIT 400 | GEN | BOOME-RANG | EQUAL 300 CONCRETE | TRAM STRAIGHT |
|---|---|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 4,12E+02 | 3,11E+02 | 4,12E+02 | 3,66E+02 | 2,51E+02 | 7,54E+02 | 4,17E+02 | 2,80E+02 |
| Climate change - Biogenic | kg CO2 eq. | 2,38E+00 | 1,86E+00 | 2,70E+00 | 2,43E+00 | 2,07E+00 | 4,83E+00 | 2,79E+00 | 2,10E+00 |
| Climate change - Fossil | kg CO2 eq. | 4,05E+02 | 3,05E+02 | 4,07E+02 | 3,62E+02 | 2,46E+02 | 7,43E+02 | 4,10E+02 | 2,76E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 4,68E+00 | 4,51E+00 | 1,69E+00 | 1,61E+00 | 2,97E+00 | 5,37E+00 | 4,90E+00 | 2,13E+00 |
| Ozone depletion | kg CFC 11 eq. | 6,47E-06 | 5,42E-06 | 6,63E-06 | 6,40E-06 | 3,38E-06 | 1,21E-05 | 6,84E-06 | 3,88E-06 |
| Acidification | mol H+ eq. | 2,86E+00 | 2,93E+00 | 2,98E+00 | 3,34E+00 | 1,46E+00 | 4,84E+00 | 3,21E+00 | 1,63E+00 |
| Eutrophication, freshwater | kg P eq. | 7,73E-03 | 8,43E-03 | 7,80E-03 | 9,74E-03 | 5,45E-03 | 1,52E-02 | 8,94E-03 | 5,50E-03 |
| Eutrophication, marine | kg N eq. | 6,83E-01 | 5,86E-01 | 6,78E-01 | 6,54E-01 | 3,89E-01 | 1,17E+00 | 7,22E-01 | 4,28E-01 |
| Eutrophication, terrestrial | mol N eq. | 8,97E+00 | 1,01E+01 | 9,46E+00 | 1,14E+01 | 4,11E+00 | 1,45E+01 | 1,04E+01 | 4,61E+00 |
| Photochemical ozone formation | kg NMVOC eq. | 2,16E+00 | 1,77E+00 | 2,21E+00 | 2,06E+00 | 1,25E+00 | 3,78E+00 | 2,26E+00 | 1,40E+00 |
| Resource use, minerals and metals | kg Sb eq. | 1,34E-03 | 2,76E-03 | 1,57E-03 | 3,02E-03 | 8,23E-04 | 2,35E-03 | 2,05E-03 | 7,26E-04 |
| Resource use, fossils | MJ | 4,30E+03 | 3,40E+03 | 4,36E+03 | 4,03E+03 | 2,63E+03 | 7,99E+03 | 4,44E+03 | 2,94E+03 |
| Water use | $m^3$depriv. | 5,86E+01 | 6,94E+01 | 5,49E+01 | 7,26E+01 | 3,26E+01 | 9,92E+01 | 6,75E+01 | 3,32E+01 |

| Indicador | Unit | LONGO BANCA | FLOR BIG | TWIG | MILENIO STRAIGHT | HEBI SOLID CURVED | HEBI FLOATING CURVED | ISLERO | NAGUISA R375B |
|---|---|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 1,01E+03 | 6,69E+02 | 6,71E+02 | 2,56E+02 | 6,44E+02 | 3,39E+02 | 1,18E+03 | 8,73E+02 |
| Climate change - Biogenic | kg CO2 eq. | 5,74E+00 | 3,92E+00 | 4,17E+00 | 1,85E+00 | 3,90E+00 | 2,41E+00 | 6,45E+00 | 4,91E+00 |
| Climate change - Fossil | kg CO2 eq. | 1,00E+03 | 6,59E+02 | 6,60E+02 | 2,51E+02 | 6,38E+02 | 3,35E+02 | 1,17E+03 | 8,61E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 5,61E+00 | 5,66E+00 | 6,74E+00 | 3,20E+00 | 1,78E+00 | 1,18E+00 | 3,57E+00 | 7,17E+00 |
| Ozone depletion | kg CFC 11 eq. | 1,69E-05 | 1,06E-05 | 1,07E-05 | 3,86E-06 | 1,00E-05 | 5,74E-06 | 2,04E-05 | 1,42E-05 |
| Acidification | mol H+ eq. | 5,86E+00 | 4,07E+00 | 4,16E+00 | 1,74E+00 | 3,66E+00 | 2,89E+00 | 6,91E+00 | 5,16E+00 |
| Eutrophication, freshwater | kg P eq. | 1,64E-02 | 1,06E-02 | 1,15E-02 | 4,43E-03 | 9,51E-03 | 7,98E-03 | 2,08E-02 | 1,53E-02 |
| Eutrophication, marine | kg N eq. | 1,51E+00 | 1,04E+00 | 1,05E+00 | 4,34E-01 | 9,53E-01 | 5,89E-01 | 1,72E+00 | 1,32E+00 |
| Eutrophication, terrestrial | mol N eq. | 1,69E+01 | 1,21E+01 | 1,25E+01 | 5,48E+00 | 1,06E+01 | 9,68E+00 | 2,02E+01 | 1,52E+01 |
| Photochemical ozone formation | kg NMVOC eq. | 5,00E+00 | 3,39E+00 | 3,37E+00 | 1,37E+00 | 3,20E+00 | 1,88E+00 | 5,73E+00 | 4,28E+00 |
| Resource use, minerals and metals | kg Sb eq. | 8,15E-04 | 8,78E-04 | 1,17E-03 | 7,08E-04 | 4,69E-04 | 2,32E-03 | 1,49E-03 | 1,27E-03 |
| Resource use, fossils | MJ | 1,07E+04 | 6,94E+03 | 6,94E+03 | 2,62E+03 | 6,65E+03 | 3,66E+03 | 1,25E+04 | 9,10E+03 |
| Water use | $m^3$depriv. | 1,05E+02 | 7,30E+01 | 7,62E+01 | 3,08E+01 | 5,56E+01 | 5,67E+01 | 1,25E+02 | 9,73E+01 |

| Indicador | Unit | LUNGO MARE A | SLOPE | BINOCU-LAR | BANCO BILBAO | WAVE |
|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 1,28E+03 | 6,35E+02 | 1,51E+03 | 2,76E+02 | 4,11E+02 |
| Climate change - Biogenic | kg CO2 eq. | 1,04E+01 | 4,77E+00 | 1,70E+01 | 1,80E+00 | 2,66E+00 |
| Climate change - Fossil | kg CO2 eq. | 1,26E+03 | 6,28E+02 | 1,48E+03 | 2,71E+02 | 4,04E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 8,61E+00 | 2,31E+00 | 1,01E+01 | 3,37E+00 | 4,60E+00 |
| Ozone depletion | kg CFC 11 eq. | 2,03E-05 | 9,37E-06 | 1,88E-05 | 4,10E-06 | 6,31E-06 |
| Acidification | mol H+ eq. | 7,06E+00 | 3,58E+00 | 8,25E+00 | 1,80E+00 | 2,67E+00 |
| Eutrophication, freshwater | kg P eq. | 2,91E-02 | 1,23E-02 | 6,08E-02 | 4,94E-03 | 7,13E-03 |
| Eutrophication, marine | kg N eq. | 1,81E+00 | 9,16E-01 | 1,89E+00 | 4,54E-01 | 6,67E-01 |
| Eutrophication, terrestrial | mol N eq. | 1,94E+01 | 1,00E+01 | 1,98E+01 | 5,57E+00 | 8,20E+00 |
| Photochemical ozone forma-tion | kg NMVOC eq. | 5,92E+00 | 3,05E+00 | 6,20E+00 | 1,44E+00 | 2,12E+00 |
| Resource use, minerals and metals | kg Sb eq. | 3,55E-03 | 1,54E-03 | 1,48E-02 | 7,59E-04 | 9,42E-04 |
| Resource use, fossils | MJ | 1,37E+04 | 6,64E+03 | 1,71E+04 | 2,84E+03 | 4,22E+03 |
| Water use | $m^3$depriv. | 1,63E+02 | 6,85E+01 | 3,00E+02 | 3,47E+01 | 4,87E+01 |

# Comparative table: UHPC Concrete

| Indicador | Unit | STONE 200 OMEGA | PRIMA 220 | MARINA 220 | BRISA | GRASS-HOPPER | MOM 240 | VILNIUS 200 AR-MREST | TRAM STRAIGHT |
|---|---|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 3,70E+02 | 2,63E+02 | 2,94E+02 | 2,36E+02 | 1,63E+02 | 4,10E+02 | 2,42E+02 | 2,80E+02 |
| Climate change - Biogenic | kg CO2 eq. | 4,46E+00 | 1,48E+00 | 1,51E+00 | 1,13E+00 | 5,94E-01 | 2,36E+00 | 5,05E-01 | 2,10E+00 |
| Climate change - Fossil | kg CO2 eq. | 3,65E+02 | 2,59E+02 | 2,90E+02 | 2,32E+02 | 1,61E+02 | 4,05E+02 | 2,40E+02 | 2,76E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 9,98E-01 | 2,40E+00 | 2,43E+00 | 2,38E+00 | 1,12E+00 | 2,47E+00 | 1,43E+00 | 2,13E+00 |
| Ozone depletion | kg CFC 11 eq. | 3,28E-06 | 2,52E-06 | 3,66E-06 | 2,24E-06 | 1,65E-06 | 3,89E-06 | 1,69E-06 | 3,88E-06 |
| Acidification | mol H+ eq. | 1,76E+00 | 1,37E+00 | 1,48E+00 | 1,22E+00 | 8,76E-01 | 2,15E+00 | 1,84E+00 | 1,63E+00 |
| Eutrophication, freshwater | kg P eq. | 1,20E-02 | 6,91E-03 | 7,58E-03 | 5,72E-03 | 3,11E-03 | 1,00E-02 | 9,31E-03 | 5,50E-03 |
| Eutrophication, marine | kg N eq. | 4,19E-01 | 3,33E-01 | 3,53E-01 | 3,04E-01 | 2,28E-01 | 5,15E-01 | 3,23E-01 | 4,28E-01 |
| Eutrophication, terrestrial | mol N eq. | 4,56E+00 | 3,54E+00 | 3,76E+00 | 3,23E+00 | 2,47E+00 | 5,56E+00 | 3,50E+00 | 4,61E+00 |
| Photochemical ozone forma-tion | kg NMVOC eq. | 1,45E+00 | 1,09E+00 | 1,22E+00 | 9,89E-01 | 7,52E-01 | 1,71E+00 | 1,06E+00 | 1,40E+00 |
| Resource use, minerals and metals | kg Sb eq. | 2,44E-03 | 2,83E-03 | 2,89E-03 | 2,25E-03 | 1,33E-03 | 4,20E-03 | 8,73E-04 | 7,26E-04 |
| Resource use, fossils | MJ | 3,71E+03 | 2,58E+03 | 3,18E+03 | 2,24E+03 | 1,48E+03 | 3,90E+03 | 2,28E+03 | 2,94E+03 |
| Water use | $m^3$depriv. | 5,12E+01 | 4,22E+01 | 5,44E+01 | 3,60E+01 | 2,07E+01 | 5,91E+01 | 2,54E+01 | 3,32E+01 |

| Indicador | Unit | CONCRET BENCH | BRUNO | KELLY BENCH | SATELLITE | DOMUS | RIO | NANTES CHAIR ARMREST |
|---|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 6,62E+02 | 1,61E+02 | 1,27E+02 | 5,17E+02 | 1,18E+03 | 5,42E+02 | 1,31E+02 |
| Climate change - Biogenic | kg CO2 eq. | 1,39E+00 | 4,00E-01 | 5,42E-01 | 6,11E-01 | 3,45E+00 | 2,48E+00 | 1,50E+00 |
| Climate change - Fossil | kg CO2 eq. | 6,58E+02 | 1,58E+02 | 1,25E+02 | 5,12E+02 | 1,17E+03 | 5,37E+02 | 1,29E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 2,90E+00 | 2,69E+00 | 1,37E+00 | 4,14E+00 | 7,14E+00 | 2,86E+00 | 9,69E-01 |
| Ozone depletion | kg CFC 11 eq. | 3,92E-06 | 1,69E-06 | 1,39E-06 | 5,23E-06 | 1,14E-05 | 5,24E-06 | 1,23E-06 |
| Acidification | mol H+ eq. | 5,23E+00 | 8,74E-01 | 7,14E-01 | 2,75E+00 | 6,16E+00 | 2,83E+00 | 6,78E-01 |
| Eutrophication, freshwater | kg P eq. | 2,94E-02 | 2,61E-03 | 1,90E-03 | 7,69E-03 | 2,31E-02 | 1,15E-02 | 4,72E-03 |
| Eutrophication, marine | kg N eq. | 8,20E-01 | 2,46E-01 | 1,98E-01 | 7,24E-01 | 1,53E+00 | 6,99E-01 | 1,54E-01 |
| Eutrophication, terrestrial | mol N eq. | 8,92E+00 | 2,57E+00 | 2,12E+00 | 7,84E+00 | 1,66E+01 | 7,61E+00 | 1,62E+00 |
| Photochemical ozone formation | kg NMVOC eq. | 2,71E+00 | 7,75E-01 | 6,43E-01 | 2,36E+00 | 5,05E+00 | 2,33E+00 | 5,18E-01 |
| Resource use, minerals and metals | kg Sb eq. | 1,63E-03 | 1,04E-03 | 7,90E-04 | 3,57E-03 | 1,03E-02 | 4,70E-03 | 1,75E-03 |
| Resource use, fossils | MJ | 6,27E+03 | 1,40E+03 | 1,14E+03 | 4,30E+03 | 1,04E+04 | 4,92E+03 | 1,49E+03 |
| Water use | $m^3$depriv. | 6,79E+01 | 2,14E+01 | 1,47E+01 | 6,01E+01 | 1,53E+02 | 7,05E+01 | 2,46E+01 |

# Comparative table: ECO Concrete

| Indicador | Unit | BOX 200 ECO | ALPINE BENCH | PRAT TABLE ECO | PORTIC 160 ECO | PRAT STOOL ECO |
|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 3,62E+02 | 1,37E+02 | 5,15E+01 | 1,43E+02 | 5,13E+01 |
| Climate change - Biogenic | kg CO2 eq. | 2,28E+00 | 1,15E+00 | 3,79E-01 | 9,35E-01 | 3,78E-01 |
| Climate change - Fossil | kg CO2 eq. | 3,58E+02 | 1,34E+02 | 5,01E+01 | 1,41E+02 | 5,01E+01 |
| Climate change - Land use and LU change | kg CO2 eq. | 2,07E+00 | 2,10E+00 | 9,57E-01 | 1,38E+00 | 7,91E-01 |
| Ozone depletion | kg CFC 11 eq. | 5,26E-06 | 1,61E-06 | 6,69E-07 | 1,91E-06 | 6,68E-07 |
| Acidification | mol H+ eq. | 1,42E+00 | 6,74E-01 | 2,56E-01 | 8,85E-01 | 2,56E-01 |
| Eutrophication, freshwater | kg P eq. | 5,41E-03 | 3,76E-03 | 9,32E-04 | 2,29E-03 | 9,17E-04 |
| Eutrophication, marine | kg N eq. | 3,87E-01 | 1,68E-01 | 7,50E-02 | 1,78E-01 | 7,38E-02 |
| Eutrophication, terrestrial | mol N eq. | 4,22E+00 | 2,03E+00 | 8,89E-01 | 3,14E+00 | 8,86E-01 |
| Photochemical ozone formation | kg NMVOC eq. | 1,34E+00 | 5,26E-01 | 2,38E-01 | 5,74E-01 | 2,38E-01 |
| Resource use, minerals and metals | kg Sb eq. | 2,35E-04 | 1,00E-03 | 1,42E-04 | 1,04E-03 | 1,42E-04 |
| Resource use, fossils | MJ | 3,61E+03 | 1,46E+03 | 5,33E+02 | 1,45E+03 | 5,33E+02 |
| Water use | $m^3$depriv. | 3,96E+01 | 2,28E+01 | 7,33E+00 | 2,23E+01 | 7,09E+00 |

# Comparative table: Wood and Metal

| Indicador | Unit | UNIVERSE ACC. BENCH | KANJI 175 | LONGO ACC. BENCH | NOMO 190 | MONTSENY 150 |
|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 6,70E+01 | 5,80E+01 | 6,78E+01 | 1,05E+02 | 5,56E+02 |
| Climate change - Biogenic | kg CO2 eq. | 1,27E+00 | 1,09E+00 | 1,13E+00 | 2,16E+00 | 3,89E-01 |
| Climate change - Fossil | kg CO2 eq. | 6,57E+01 | 5,69E+01 | 6,65E+01 | 1,03E+02 | 5,55E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 5,99E-02 | 4,75E-02 | 1,02E-01 | 8,08E-02 | 2,54E-01 |
| Ozone depletion | kg CFC 11 eq. | 6,05E-07 | 5,29E-07 | 6,66E-07 | 9,00E-07 | 2,13E-06 |
| Acidification | mol H+ eq. | 2,79E-01 | 2,45E-01 | 2,87E-01 | 4,22E-01 | 5,30E+00 |
| Eutrophication, freshwater | kg P eq. | 3,15E-03 | 2,65E-03 | 3,56E-03 | 4,97E-03 | 3,30E-02 |
| Eutrophication, marine | kg N eq. | 7,83E-02 | 6,97E-02 | 8,66E-02 | 1,11E-01 | 6,54E-01 |
| Eutrophication, terrestrial | mol N eq. | 8,43E-01 | 7,49E-01 | 9,30E-01 | 1,18E+00 | 7,22E+00 |
| Photochemical ozone formation | kg NMVOC eq. | 2,89E-01 | 2,55E-01 | 3,29E-01 | 4,09E-01 | 2,21E+00 |
| Resource use, minerals and metals | kg Sb eq. | 2,24E-04 | 1,91E-04 | 2,00E-04 | 3,70E-04 | 1,13E-04 |
| Resource use, fossils | MJ | 7,67E+02 | 6,68E+02 | 7,92E+02 | 1,21E+03 | 5,58E+03 |
| Water use | $m^3$depriv. | 9,91E+00 | 8,86E+00 | 1,01E+01 | 1,75E+01 | 5,09E+01 |

| Indicador | Unit | KIWI ARMREST 180 | MOOK BENCH 220 | TRAMET BACKLESS BENCH | REST BACKREST 150 | LASAI CHAISE 180 | SISA BENCH 150 |
|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 4,54E+02 | 2,88E+02 | 2,88E+02 | 3,19E+01 | 3,37E+02 | 1,01E+02 |
| Climate change - Biogenic | kg CO2 eq. | 3,29E-01 | 5,95E+00 | 5,53E+00 | 5,04E-01 | 6,85E+00 | 2,02E+00 |
| Climate change - Fossil | kg CO2 eq. | 4,53E+02 | 2,82E+02 | 2,82E+02 | 3,14E+01 | 3,30E+02 | 9,85E+01 |
| Climate change - Land use and LU change | kg CO2 eq. | 2,21E-01 | 1,47E-01 | 1,53E-01 | 1,95E-02 | 2,28E-01 | 6,32E-02 |
| Ozone depletion | kg CFC 11 eq. | 1,80E-06 | 2,18E-06 | 2,17E-06 | 3,08E-07 | 2,63E-06 | 8,27E-07 |
| Acidification | mol H+ eq. | 4,30E+00 | 1,09E+00 | 1,08E+00 | 1,46E-01 | 1,30E+00 | 4,04E-01 |
| Eutrophication, freshwater | kg P eq. | 2,69E-02 | 1,36E-02 | 1,35E-02 | 1,28E-03 | 1,65E-02 | 4,67E-03 |
| Eutrophication, marine | kg N eq. | 5,37E-01 | 2,58E-01 | 2,65E-01 | 4,53E-02 | 3,06E-01 | 1,03E-01 |
| Eutrophication, terrestrial | mol N eq. | 5,94E+00 | 2,76E+00 | 2,79E+00 | 4,91E-01 | 3,28E+00 | 1,11E+00 |
| Photochemical ozone formation | kg NMVOC eq. | 1,82E+00 | 9,31E-01 | 9,22E-01 | 1,61E-01 | 1,14E+00 | 3,79E-01 |
| Resource use, minerals and metals | kg Sb eq. | 9,81E-05 | 1,13E-03 | 1,07E-03 | 9,75E-05 | 1,38E-03 | 3,74E-04 |
| Resource use, fossils | MJ | 4,58E+03 | 3,15E+03 | 3,08E+03 | 3,66E+02 | 3,79E+03 | 1,13E+03 |
| Water use | $m^3$depriv. | 4,19E+01 | 4,64E+01 | 4,74E+01 | 4,35E+00 | 5,52E+01 | 1,55E+01 |

# Comparative table: Plastic

| Indicador | Unit | TWIG AIR | STARFISH | EXTASI AIR | SIT AIR CUBE | STUL | SIT ARI BENCH |
|---|---|---|---|---|---|---|---|
| Climate change | kg CO2 eq. | 2,26E+02 | 1,94E+02 | 1,64E+02 | 6,36E+01 | 4,83E+01 | 1,80E+02 |
| Climate change - Biogenic | kg CO2 eq. | 5,68E+00 | 7,44E+00 | 6,90E+00 | 1,81E+00 | 1,76E+00 | 1,23E+00 |
| Climate change - Fossil | kg CO2 eq. | 2,20E+02 | 1,87E+02 | 1,57E+02 | 6,18E+01 | 4,65E+01 | 1,79E+02 |
| Climate change - Land use and LU change | kg CO2 eq. | 1,07E-01 | 1,45E-01 | 1,32E-01 | 3,58E-02 | 3,36E-02 | 3,08E-02 |
| Ozone depletion | kg CFC 11 eq. | 7,78E-06 | 6,57E-06 | 5,52E-06 | 2,19E-06 | 1,64E-06 | 6,38E-06 |
| Acidification | mol H+ eq. | 4,61E-01 | 4,06E-01 | 3,44E-01 | 1,32E-01 | 1,02E-01 | 3,61E-01 |
| Eutrophication, freshwater | kg P eq. | 2,61E-03 | 2,68E-03 | 2,33E-03 | 7,51E-04 | 6,24E-04 | 1,66E-03 |
| Eutrophication, marine | kg N eq. | 1,12E-01 | 1,07E-01 | 9,24E-02 | 3,30E-02 | 2,66E-02 | 7,80E-02 |
| Eutrophication, terrestrial | mol N eq. | 1,10E+00 | 9,92E-01 | 8,49E-01 | 3,15E-01 | 2,48E-01 | 8,21E-01 |
| Photochemical ozone formation | kg NMVOC eq. | 8,50E-01 | 7,21E-01 | 6,09E-01 | 2,40E-01 | 1,82E-01 | 6,87E-01 |
| Resource use, minerals and metals | kg Sb eq. | 2,54E-05 | 2,73E-05 | 2,25E-05 | 5,21E-06 | 4,21E-06 | 1,72E-05 |
| Resource use, fossils | MJ | 5,17E+03 | 4,32E+03 | 3,63E+03 | 1,45E+03 | 1,09E+03 | 4,27E+03 |
| Water use | $m^3$depriv. | 8,92E+01 | 7,70E+01 | 6,47E+01 | 2,58E+01 | 1,93E+01 | 7,32E+01 |

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