

# Bosse

made in Germany



TECHNICAL DATA SHEET

## BOSSELINO UNO INTERNATIONAL





HUMAN SPACE

# BOSSELINO UNO INTERNATIONAL

TECHNICAL FEATURES

- Clear internal height 2018 mm
- Building independent installation
- Stable floor panel with acoustically felt carpet
- Suspended ceiling
- Height compensation for floor unevenness of up to 15 mm
- Simple connection to the main supply via IEC plug
- Integrated ventilation and LED lighting
- Two fans with a total air flow volume of 160 m³/h
- Sound-absorbing side and rear panels
- Door leaf 8 mm ESG
- 720 x 330 large tablet at standing height
- Tablet shelf
- USB-Charger: 2 x USB-A 15 watt, 2 x USB-C 65 watt

CONSTRUCTION

|                             |                                                                                     |
|-----------------------------|-------------------------------------------------------------------------------------|
| External wall construction: | Wood-based panel made from 50 % recycled wood and biogenic glue with melamine decor |
| Internal wall construction: | Acoustic felt made from 100 % recycled PET                                          |
| Profiles:                   | Frame made from aluminium profiles                                                  |
| Ceiling:                    | Multiplex ceiling panel                                                             |
| Suspended ceiling:          | Wood-based panel made from 50 % recycled wood and biogenic glue                     |
| Base Plate:                 | Multiplex floor panel with maximum height adjustment of 15 mm                       |
| Door:                       | Acoustic felt as carpet 8 mm ESG                                                    |
| Total weight:               | approx. 210 kg                                                                      |

DIMENSIONS

|                                  |                  |
|----------------------------------|------------------|
| Outside width   inside width:    | 1002 mm   888 mm |
| Depth outside   Depth inside:    | 994 mm   912 mm  |
| Interior height:                 | 2018 mm          |
| External height                  | 2155 mm          |
| Required ceiling height on site: | 2320 mm          |



STANDARD TECHNICAL EQUIPMENT

The entire electrification is located in the left-hand side wall and ceiling. The supply cable is fed out of the centre back of the Bosselino.

Power connection:



- USB Type-A + Type-C dual charging socket max. 65 Watt Power Delivery
- USB A port max. 15W
- USB C port max. 65W

Ventilation:



- Building-independent ventilation system air exchange with the ambient air through Extraction (2 fans)
- 2 x silent fans, 80 m³/h each
- Power consumption per fan: 1, 44 W
- Noise level per fan 18.9 dB

Supply cable:

Connection cable 2 m with country-specific plug and IEC plug | Outside callbox 2m

Presence detector:



- Automatic control of light and air
- Factory-set run-on time for light and air is 3 minutes
- Power consumption approx. 0.1 W
- Protection class: IP 20

Power consumption of all consumers: 8.1 W

Power consumption standby: 0.4 W

MATERIAL AND COLOURS

Acoustic felt:

Colour: Light khaki | Sound absorption: Class B

OrganicBoard P2:

- Melamine coating
- Exterior wall panels: Super white W10450 with matt surface
- Storage table: Lindberg oak wood decor
- Base material: Prime Board P2 Carb2
- Product standard: EN14322
- PEFC-certified

Aluminium frame construction:

Powder-coated | RAL 9016

Multiplex:

Wood type: Birch

Acoustic felt carpet:

Anthracite

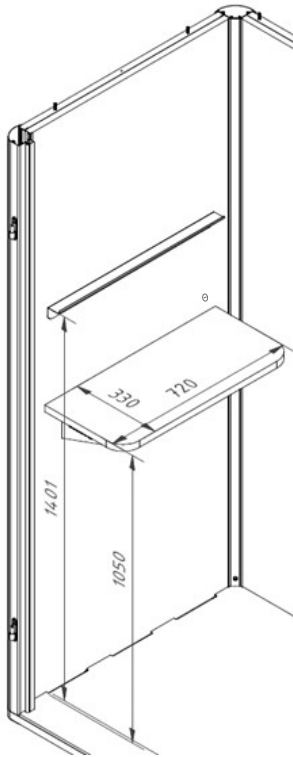
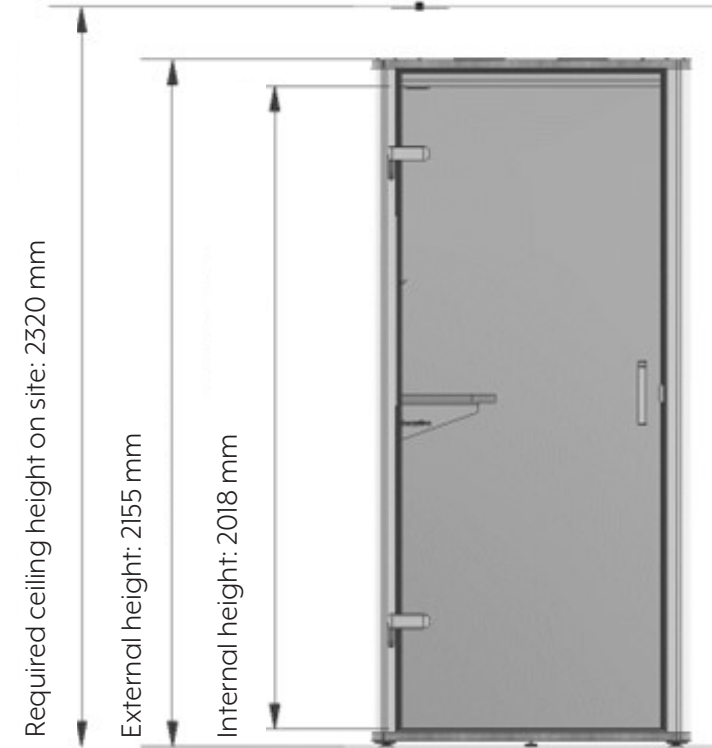
Glass:

Toughened safety glass

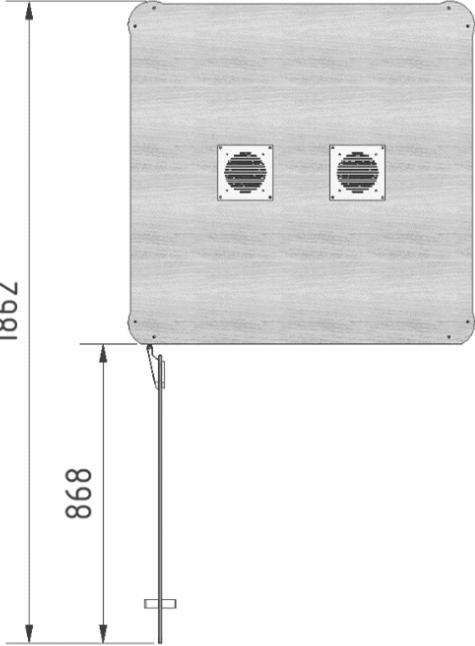
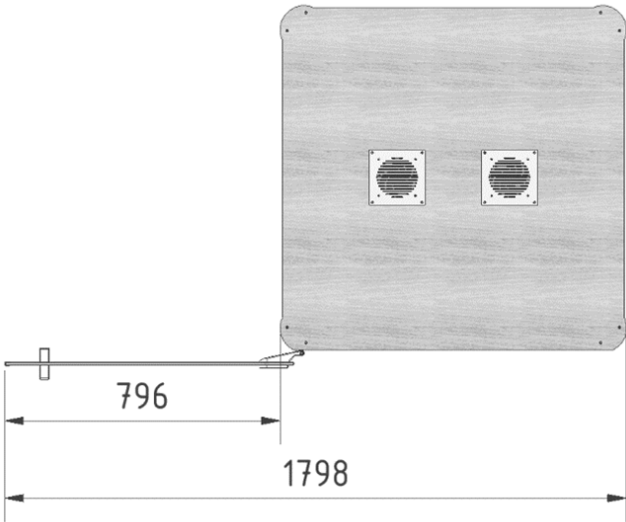
DIMENSIONS AND WEIGHTS

Standard clear internal height 2018 mm | Net weight approx. 210 kg

Table dimensions



Dimensions with open door position:



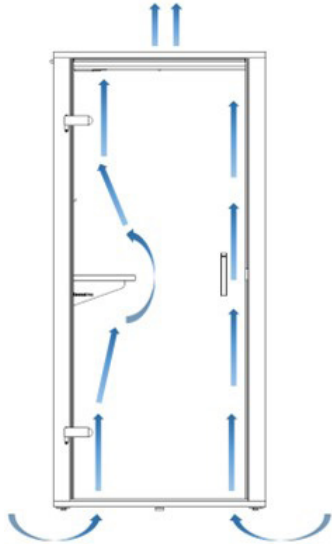
Note: The cold appliance plug adds an extra depth of circa 8 cm.

VENTILATION PRINCIPLE

The building-independent ventilation principle of the Bosselino uno is based on air exchange with the ambient air. This is drawn in from below. The air flows upwards through the floor and is extracted from the Bosselino. This cycle generates continuous air circulation and ensures the best possible indoor climate. The ventilation system operates quietly and energy-efficiently.

Air flow volume of the fans:

Max. Air flow rate per fan (80.00 m³/h) x number of fans (2 fans) = maximum air flow rate (160.00 m³/h).



FIRE PROTECTION PROPERTIES

| Material                          | Assembly group   | Fire behaviour<br>EN 13501-1 | Fire protection class |
|-----------------------------------|------------------|------------------------------|-----------------------|
| Toughened safety glass (ESG)      | Glass Door       | EN 12150-2                   | A1                    |
| Acoustic felt                     | Panels & carpets | B-s1, d0                     | B1                    |
| Wood-based panels OrganicBoard P2 | Panels           | D-s2, d0                     | B2                    |
| Aluminium                         | Panels (posts)S  | –                            | –                     |
| Wood-based panels Multiplex       | Floor & Ceiling  | –                            | –                     |
| Rubber                            | Door seals       | FMVSS 302 / US 571 302       | –                     |
| Other                             | –                | –                            | –                     |

\*Building material classes according to DIN EN 13501

A1 = Non-combustible  
A2 = Non-combustible  
B,C = Flame retardant  
D,E = Normally flammable  
F = Easily flammable  
s1 = No/hardly any smoke development  
s2 = limited smoke development  
d0 = no dripping  
d1 = limited dripping  
d2 = heavy dripping

\*Building material classes according to DIN 4102

A1 = Non-combustible  
A2 = Non-combustible  
B1 = Flame retardant  
B2 = Normally flammable  
B3 = Easily flammable

SUSTAINABILITY

Material data and environmental breakdown

| Material          | Weight in kg | Weight in % S | Sustainability                                                                                                                                                                                                                                                                                        |
|-------------------|--------------|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Wood-based panels | 131,81 kg    | 62,34 %       | - Organicboard P2 with approx. 50 % and biogenic glue<br>- Multiplex birch                                                                                                                                                                                                                            |
| Glass             | 34 kg        | 16,08 %       | -                                                                                                                                                                                                                                                                                                     |
| Felt              | 22,46 kg     | 10,62 %       | - Felt made from 100 % recycled PET                                                                                                                                                                                                                                                                   |
| Aluminium         | 17,36 kg     | 8,21 %        | - Low-carbon aluminium guarantees a certified CO2 footprint of max. 4.0 kg of carbon dioxide per kilogramme of aluminium<br>- 70% of the primary aluminium is produced from renewable energies<br>- Aluminium recycling process requires only 5 % of the energy required to produce primary aluminium |
| Steel             | 4,44 kg      | 2,1 %         | - 100 % recyclable                                                                                                                                                                                                                                                                                    |
| Electrical        | 0,85 kg      | 0,4 %         | -Exclusive use of durable and high-quality high-quality electrical components<br>- Low power consumption (see page 4)                                                                                                                                                                                 |
| Plastic           | 0,07 kg      | 0,06 %        | -                                                                                                                                                                                                                                                                                                     |
| Seals             | 0,34 kg      | 0,16 %        | - Thermoplastic elastomers (TPE)<br>100 % recyclable                                                                                                                                                                                                                                                  |
| Other             | 0,12 kg      | 0,06 %        | -                                                                                                                                                                                                                                                                                                     |

PACKAGES

|     |                              |       |
|-----|------------------------------|-------|
| 1/3 | Floor + Ceiling + Fittings   | 57 kg |
| 2/3 | Left side panel + rear panel | 86 kg |
| 3/3 | Right side panel + door      | 84 kg |