

Audience

HAWORTH®



Technical specifications | English | Applicable from 01.10.2007

by **art.collection®**

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# 1. TABLES

## 1.1. Synoptic

6 types of tables are available:

- 4 boat shaped tables, with or without top access
- 3 curved rectangular tables, with or without top access
- 6 modules for composing rectangular tables, with or without top access
- 9 modules for composing ring or U shaped tables, with or without top access
- 1 videoconference table, with or without top access
- 2 round tables and 1 square table, with or without central power socket

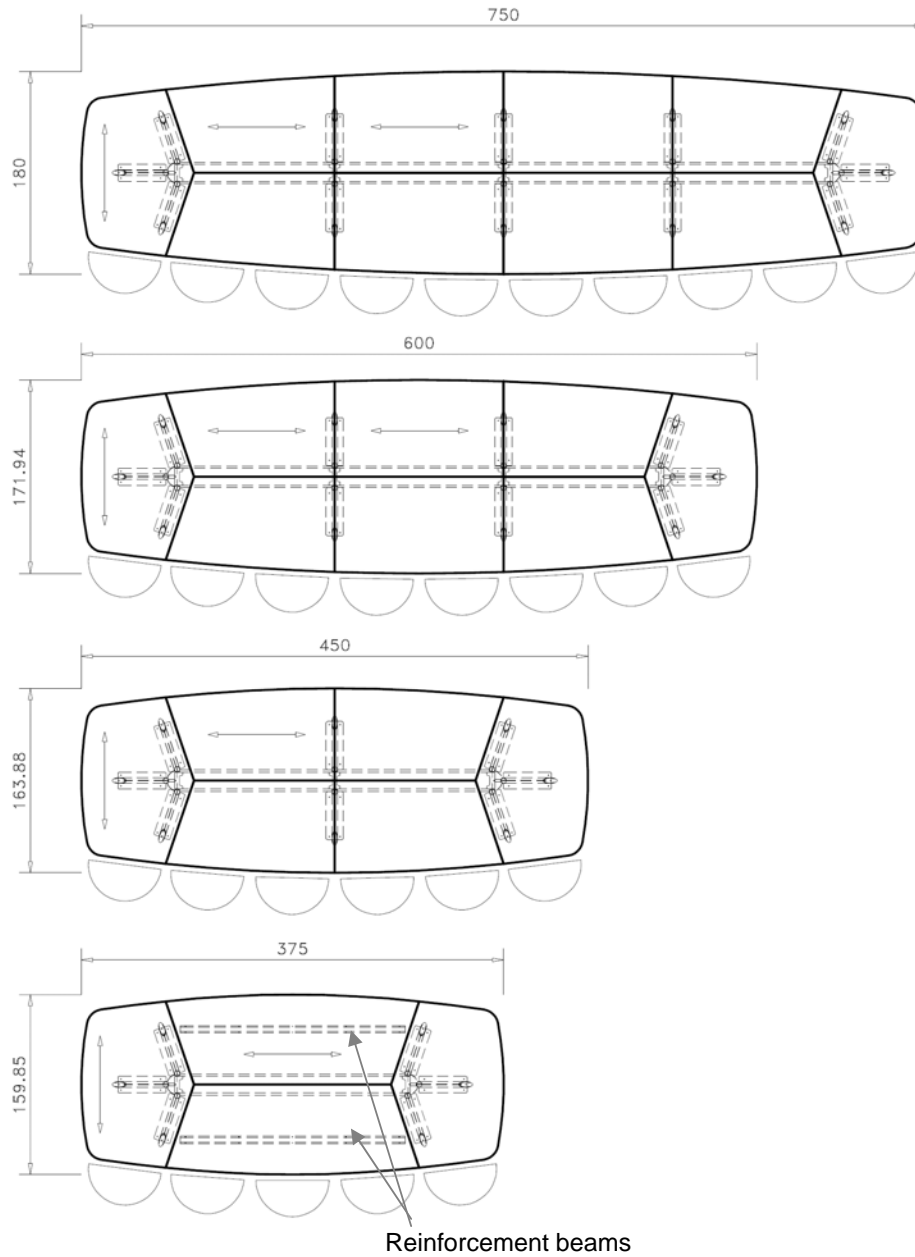
The height of the tables is 72cm.

The structural channel for cables and the legs are indicated by dashes.

- Boat shaped tables, with and without top access

↔ Direction of grain

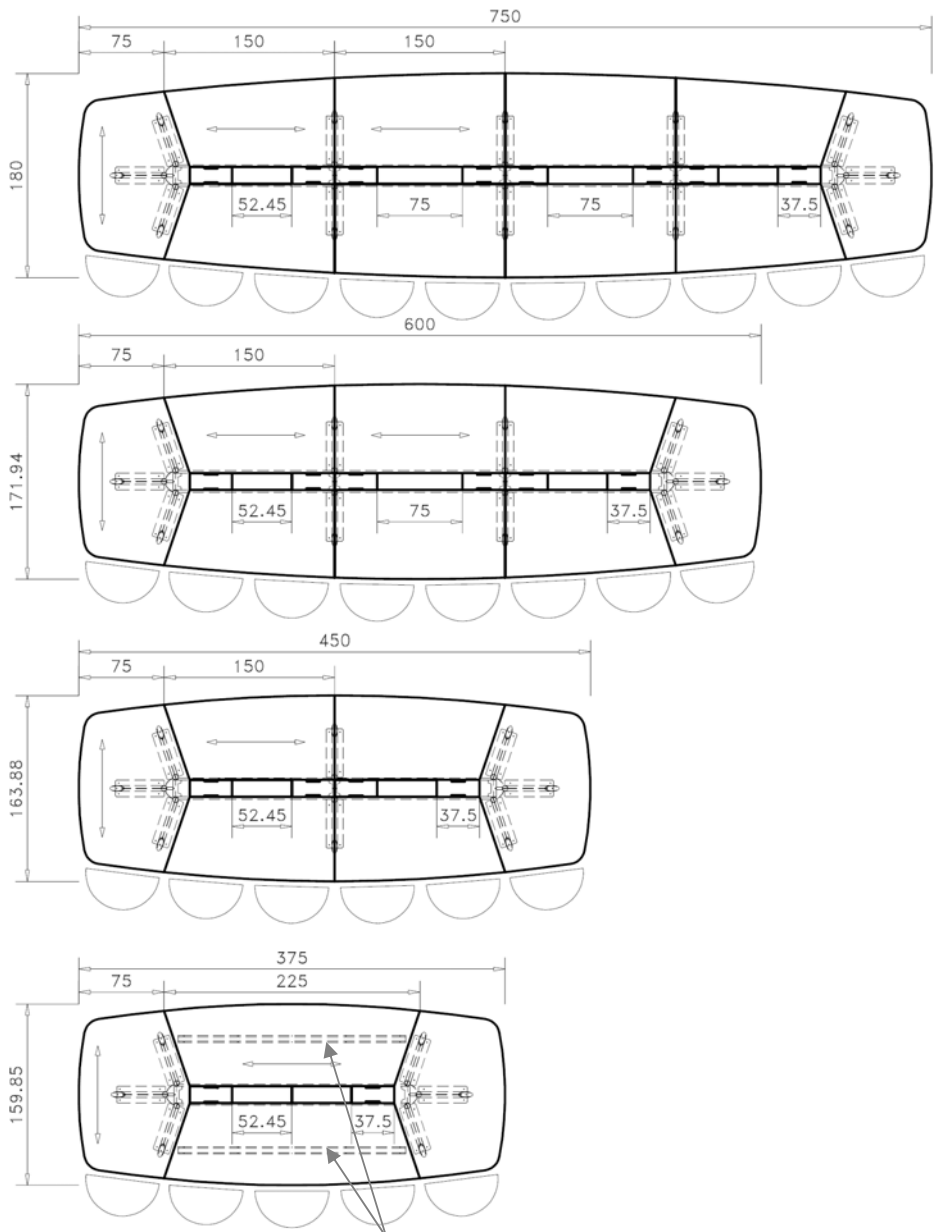
#### Tables without top access



Tables with top access



Direction of grain

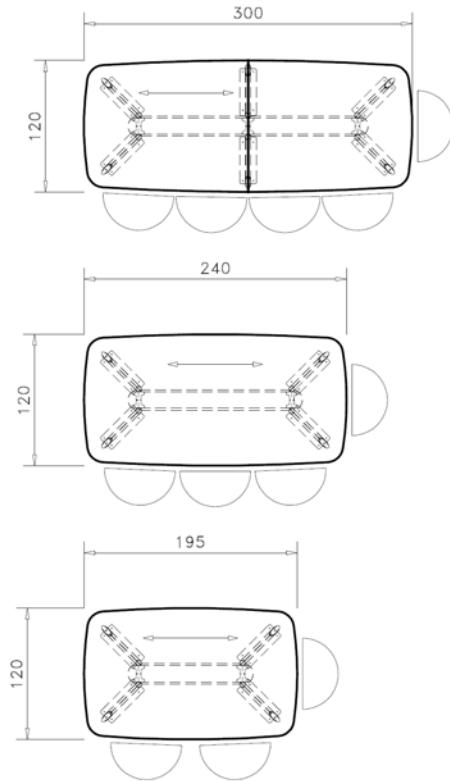


Reinforcement beams

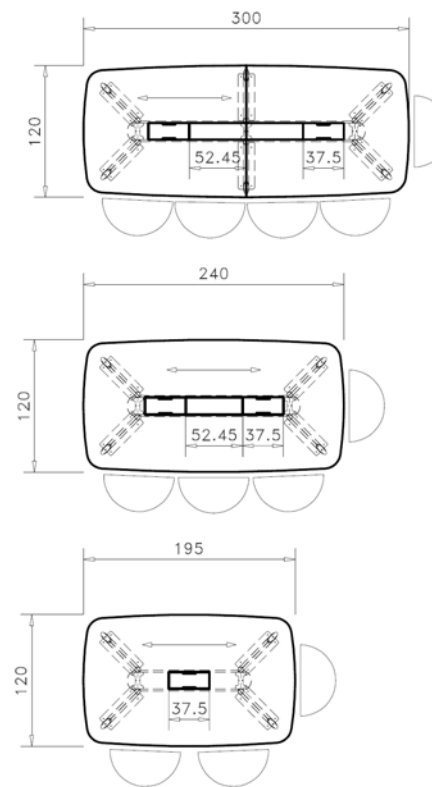
- Curved rectangular tables, with and without top access

←→ Direction of grain

**Tables without top access**

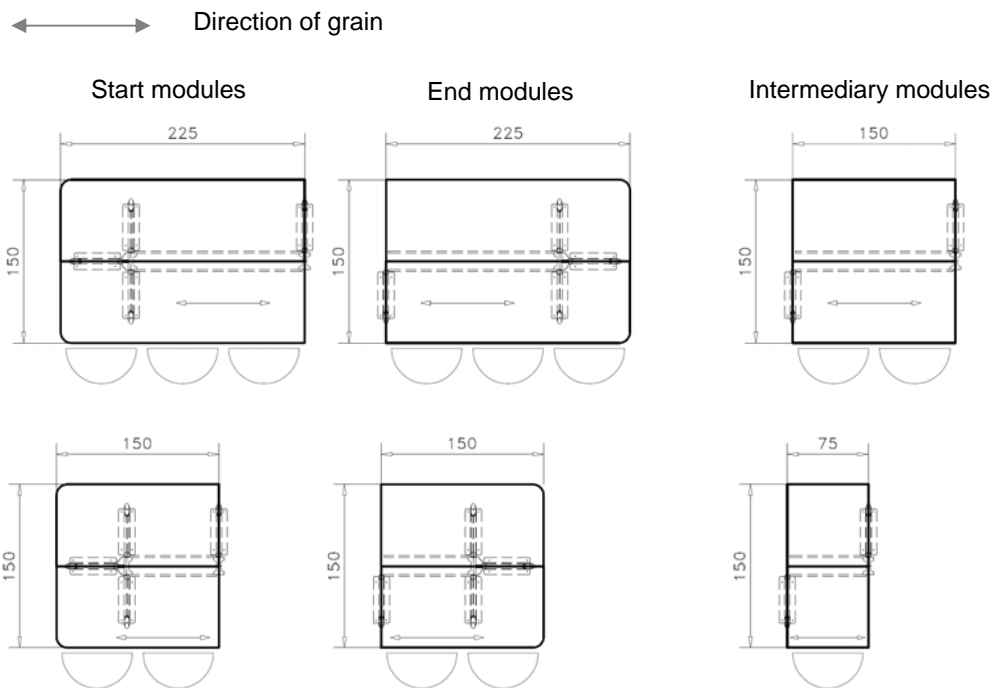


**Tables with top access**

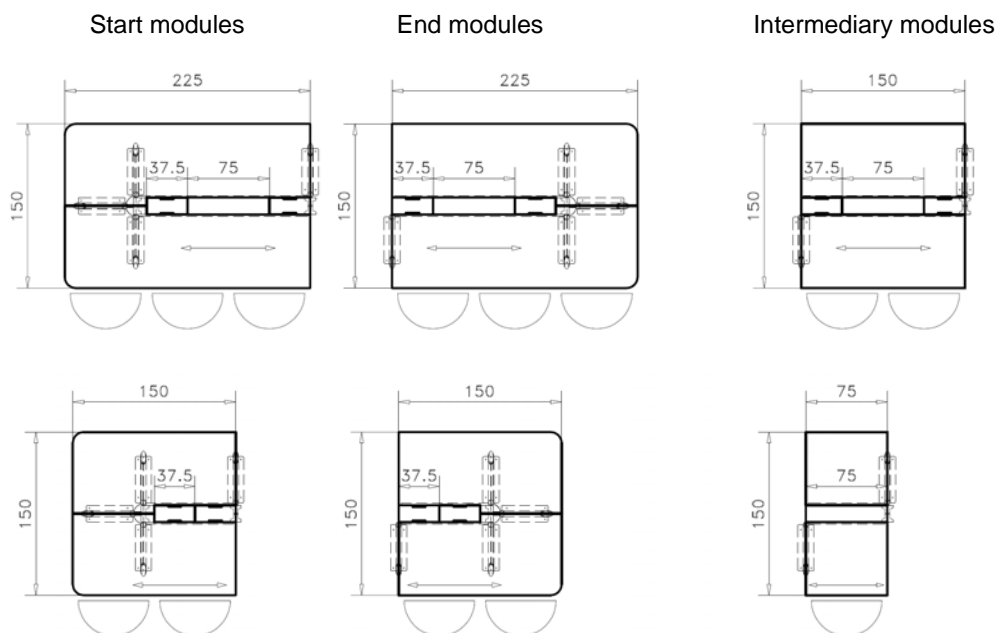


- Modules for composing rectangular tables, with and without top access

### Tables without top access



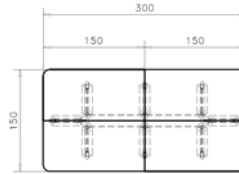
### Tables with top access



## Configuration examples

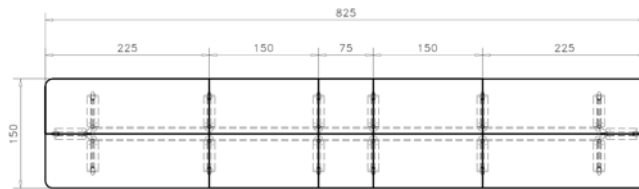
### Basic table:

- 1 start module L 150cm
- 1 end module L 150cm



### Table with intermediary modules:

- 1 start module L 225cm
- 2 intermediary modules L 150cm
- 1 intermediary module L 75 cm
- 1 end module L 225 cm

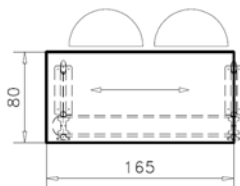


- Modules for composing ring or U shaped tables, with and without top access

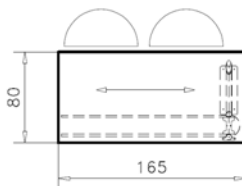
### Tables without top access

↔ Direction of grain

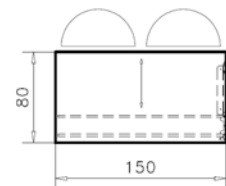
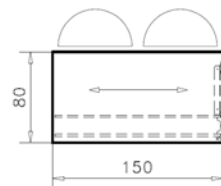
Start module



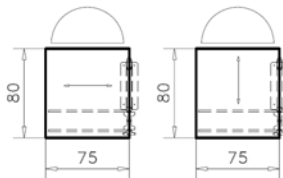
End module



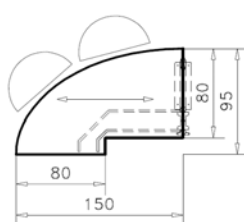
Intermediary modules



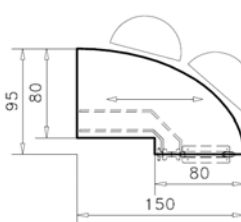
Intermediary modules



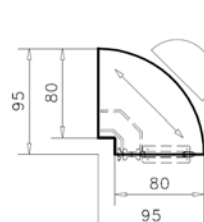
¼ elliptic module left



¼ elliptic module right



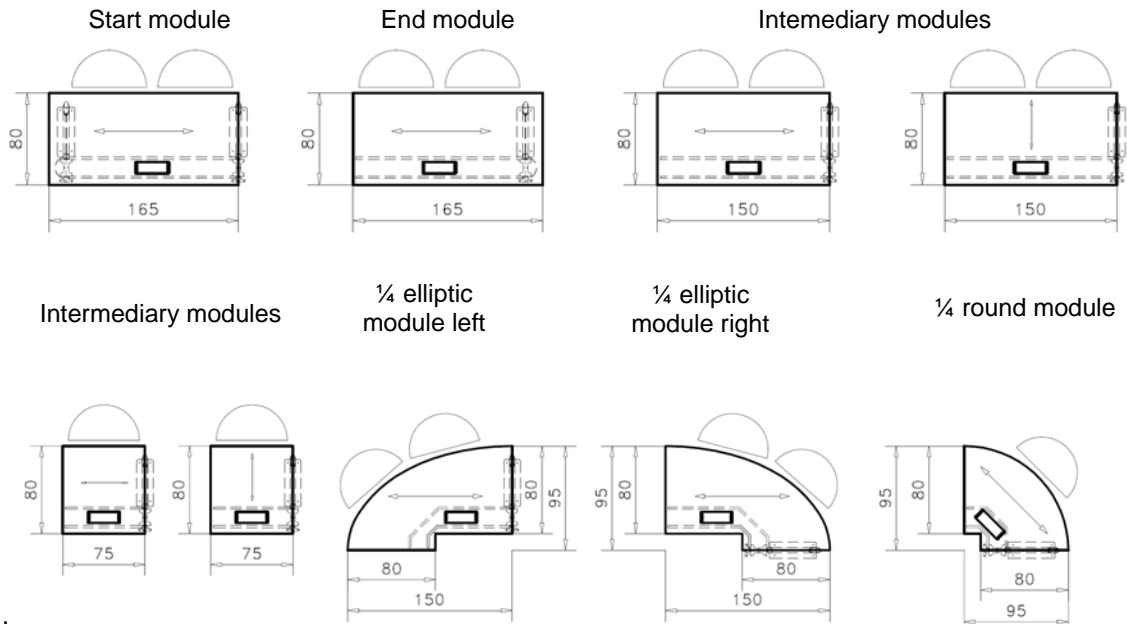
¼ round module



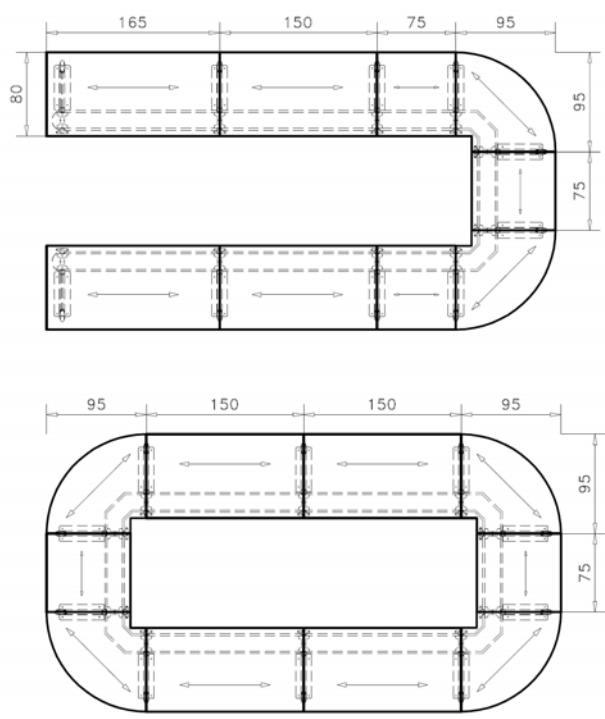


# Tables with top access

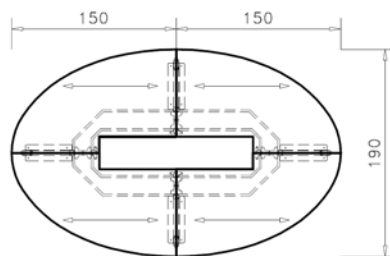
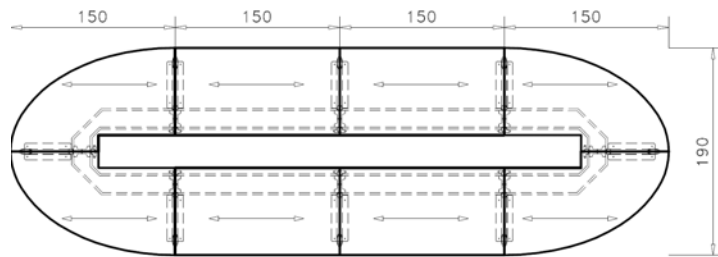
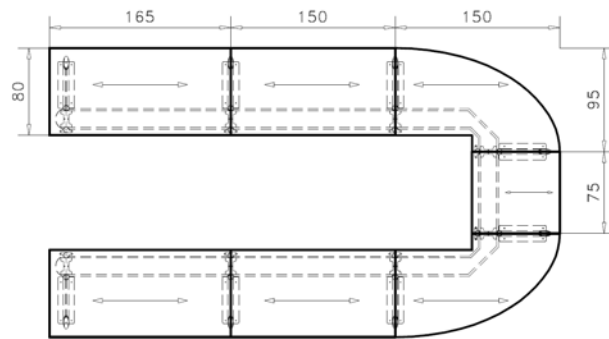
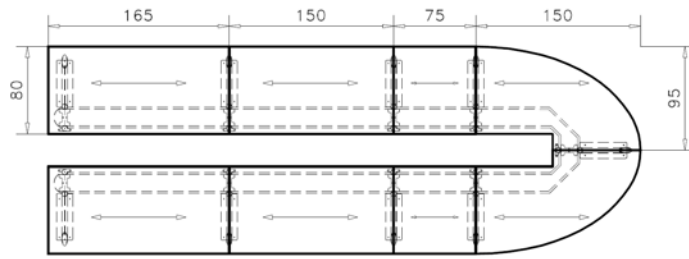
↔ Direction of grain



## Configuration examples with 1/4 round module

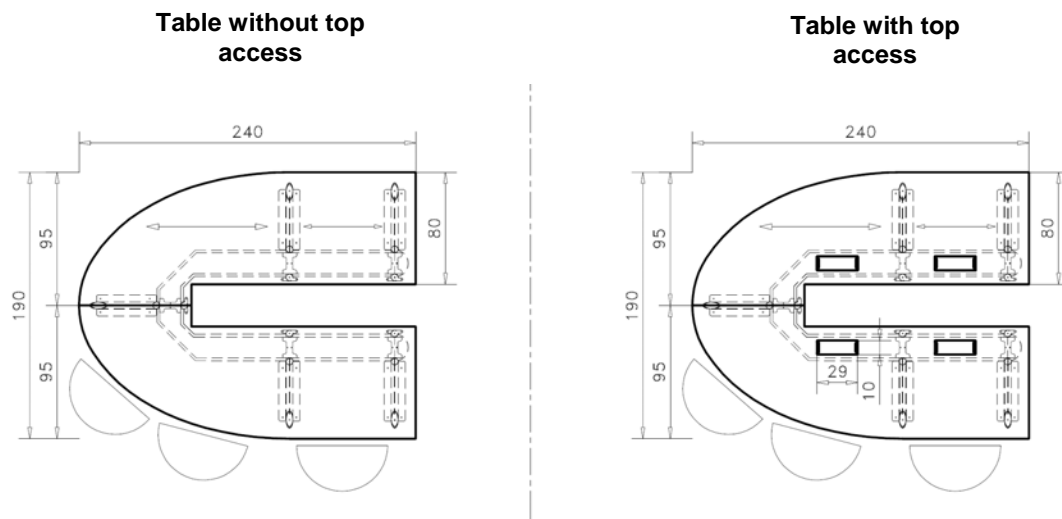


### Configuration examples with elliptic modules

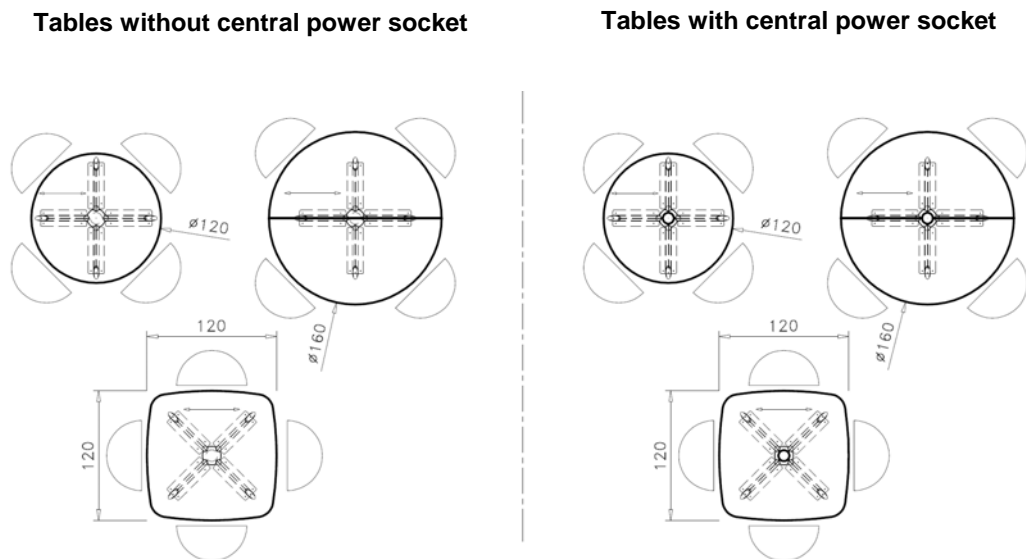


- Videoconference table, with and without top access

This table is independent, incompatible with modular tables.



- Round tables and curved square tables, with and without central power sockets



## 1.1 Tables

- Materials and edges

The tops are available in two finishes:

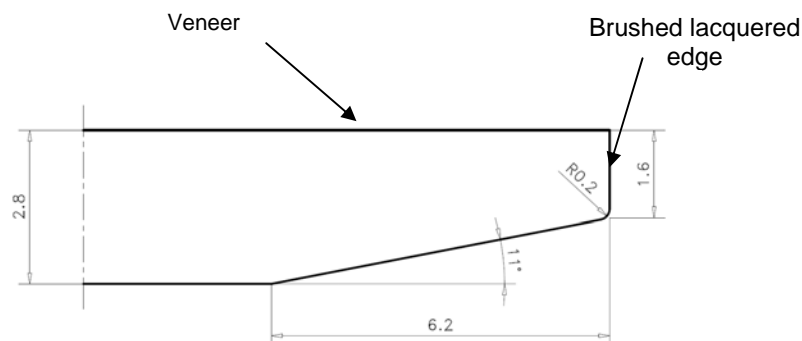
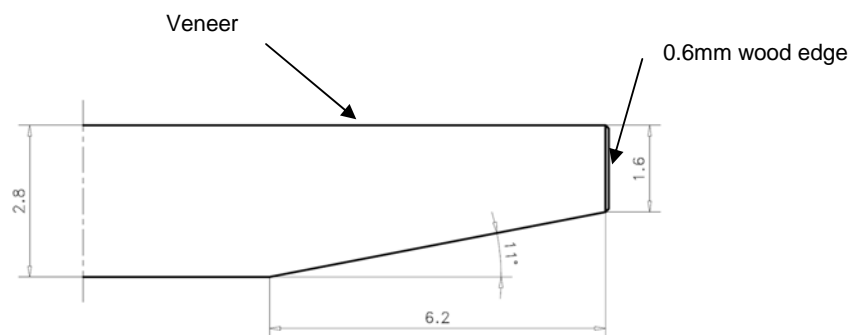
- Lacquered finish: Top made in 28mm MDF covered with polyurethane lacquer
- Wood finish: top made in 28mm MDF covered with 0.6mm veneer with high resistance Kraft paper underside.

### Edges

Edges are shaped with bevel technique.

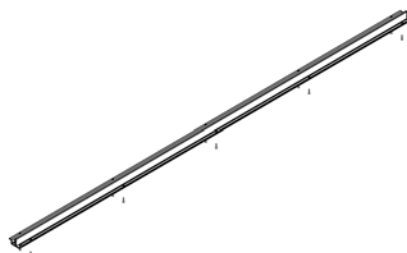
For lacquered tops, the edge is lacquered in the same colour.

For tops with wood finish, the straight part, measuring 16mm is available in real wood (0.6mm wood edges pressed onto the MDF and matching the top finish) or in brushed lacquer (sheen effect wood on MDF, matching the top finish)



- Reinforcement beams

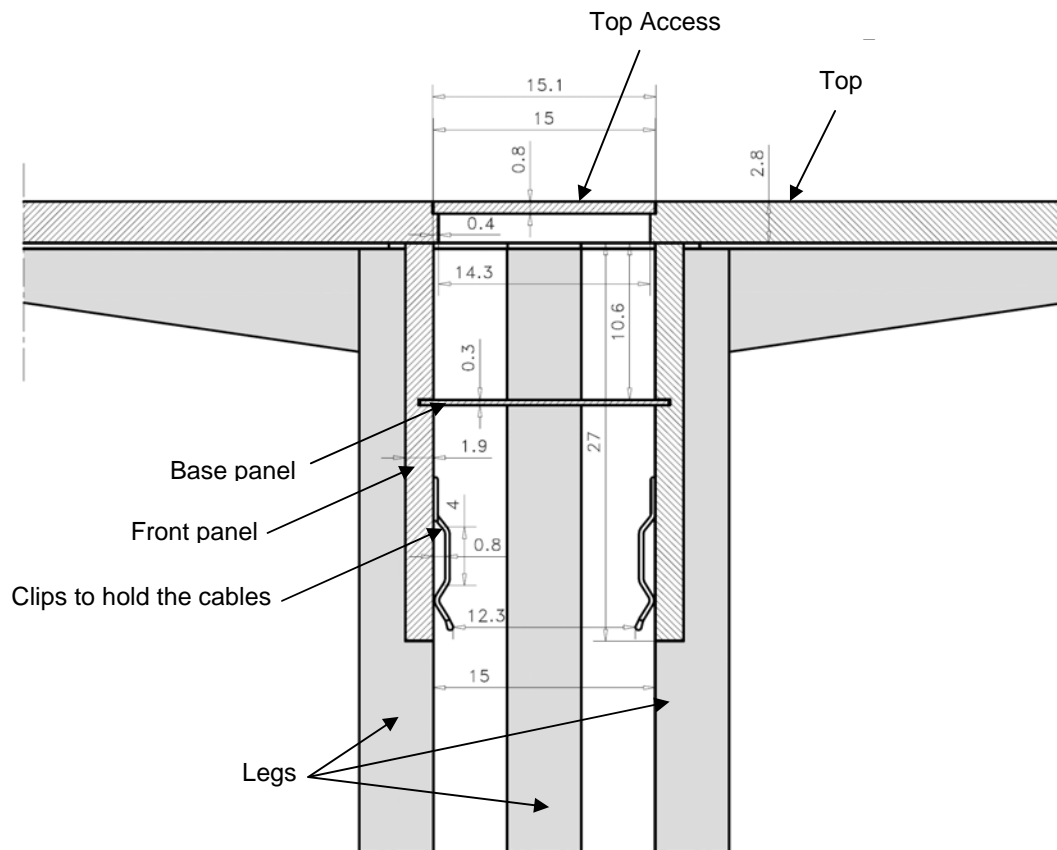
Made in grey anthracite finished high steel, they stabilise the tops of the 375cm x 160cm boat shaped tables.



### 1.3 Structural channel and horizontal cabling

The system is a part of the table's weight bearing structure, and is the receptacle for the connections and the technical equipment. The meeting table becomes uncluttered as the technical equipment is completely hidden. The system can fit power sockets in the top section and the cabling within it. The base panels are removable in case of the need for larger equipment.

- Profile

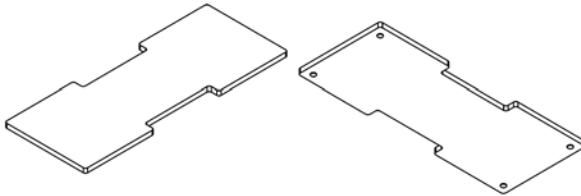


- Top access covers

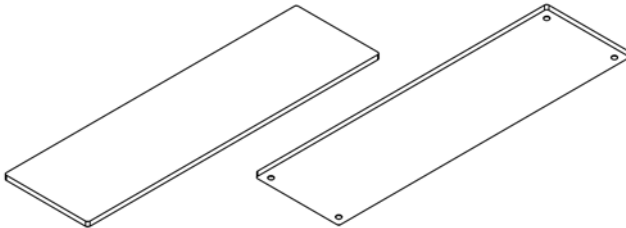
These are made from either lacquered MDF or 'satin' effect white plexiglass and have a thickness of 0.8cm. They have transparent pads on underside to prevent scratching.

- **3 different shapes according to the shape and size of the tops (see synoptic)**

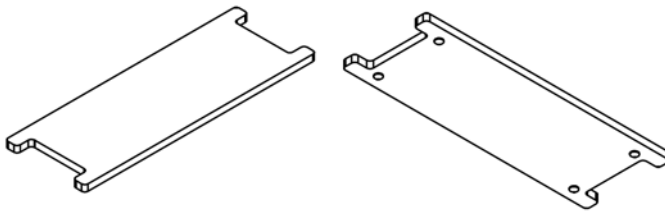
With finger gaps they are 37.5cm in length and 15cm in width



Without finger gaps, they are 52.45cm and 75cm in length and 15cm in width

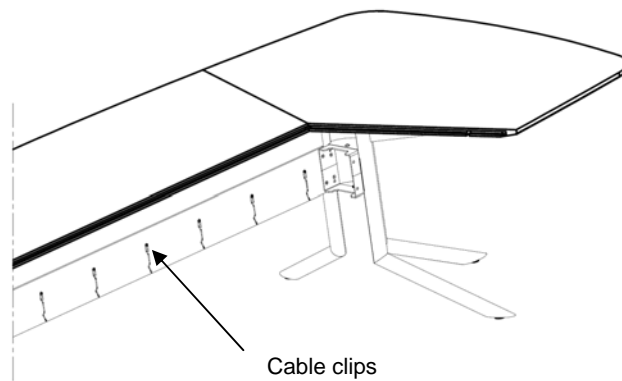


With finger gaps, they are 29cm in length and 10cm in width: for ring, "U" shaped, and video conference tables only.

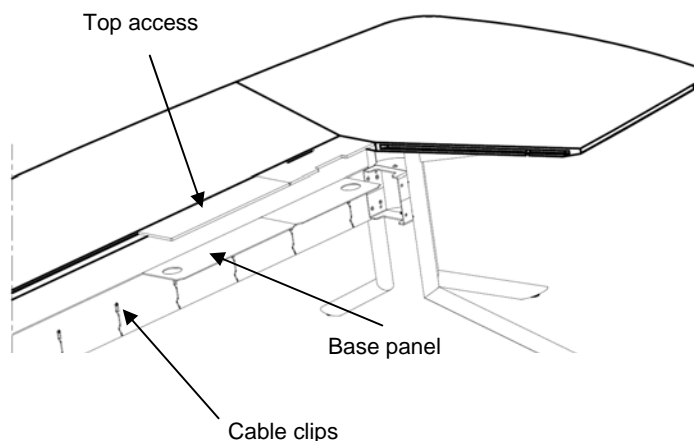


### - Outline of table without top access

In this instance, the table is without the base panels.

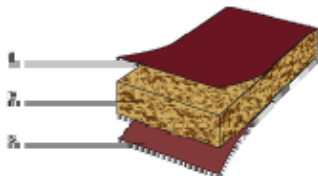


### - Outline of table with top access



- The front panels of the structural channel

They are made from melamine covered 1.9cm chipboard, with an edge in 2mm anti-shock ABS, with a radius of 0.2mm, coloured to match the top finish.



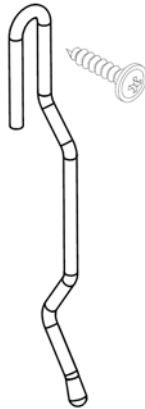
1. Decorative layer using melamine resin.
2. Chipboard.
3. Decorative layer using melamine resin.

- Cable clips

The cable clips can be used for cable management on the inside section of the channel. They are made from electro-zinc high steel, and are attached to the sides of the channel using the designated holes. We recommend that you use one side of the channel for power and the other for data.

Cable space height: 4cm

Cable space depth: 0.8cm



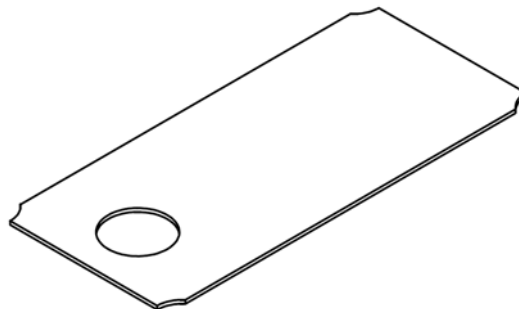
- The base panels

Made from 0.3cm thick MDF panels covered with black paper, they are inserted into the grooves of the sides. These panels are removable, allowing for equipment which would take up the whole channel.

- **3 different dimensions**

Lengths: 37.5cm, 52.45cm and 75cm (corresponding to the top-access) / Width: 16.8cm.

A 6cm diameter hole allows for cable management.

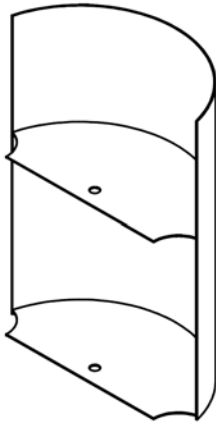




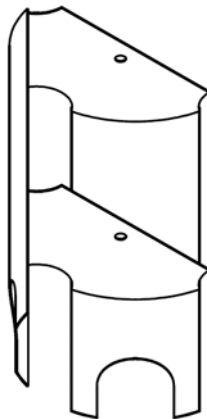
- Finish covers

Made from 0.1cm thick sheet metal, it is positioned at each end of the channel (or as a central column in round and square tables with 4 legs).

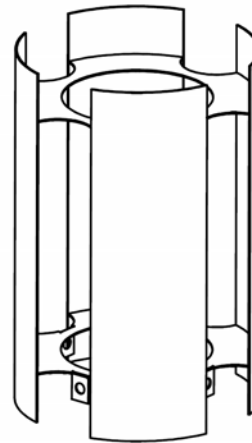
Cover for 2 legs



Cover for 3 legs



Cover for 4 legs

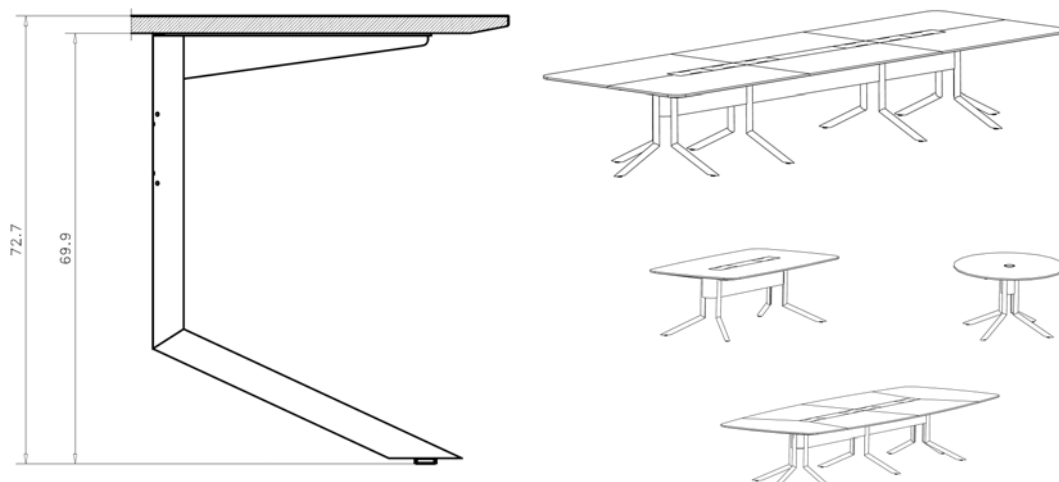


## 1.4 The legs

The legs are made from 5cm diameter stainless steel tubes, connected by invisible welding. They use leveling glides which can be adjusted (by around 1cm) to ensure the table is level. The glides have a M8 threaded shaft and a resistant polyamide cap.

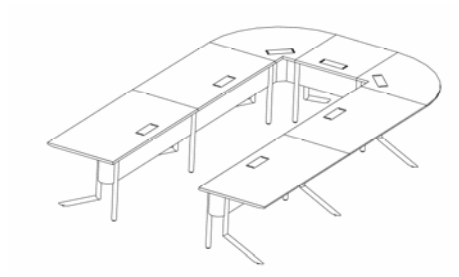
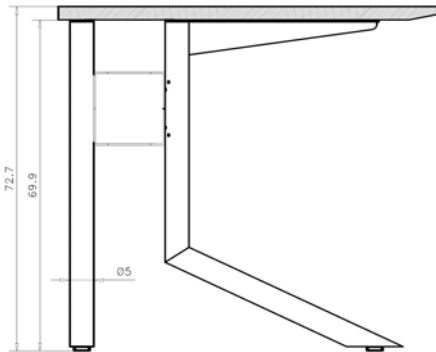
The types of legs vary according to the geometry of the tables (See Indications shown by dashes on the synoptic)

- Basic leg



- Back leg for ring, U shaped and videoconference tables

For ring or U shaped tables, and videoconference tables, the basic leg is supported by a straight leg behind it.



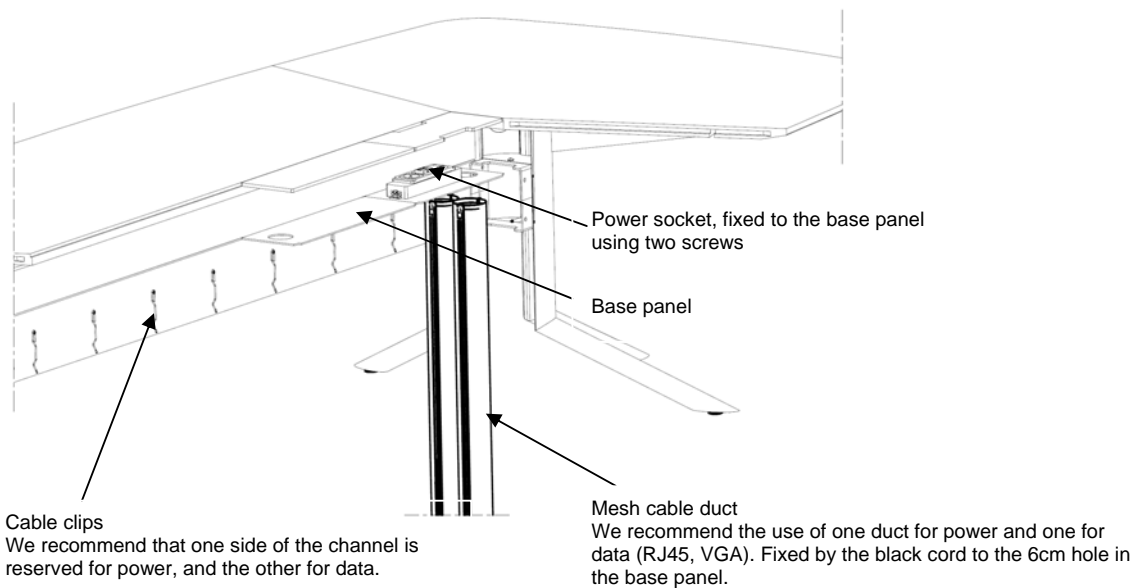
## 1.5 Vertical cabling

- Mesh vertical cable duct

The cable duct is an 80cm long tube, made from a mesh fabric from collection 47 (ref : 47/0010 grey / black), with a black zip. A black cotton cord fixes the tube to the table and to the floor, 15cm in length above and below the tube.



### Electrification using mesh vertical cable duct



- Translucent vertebra

The translucent vertebra can be used in place of the mesh cable ducts. It is in translucent PVC and contains two sections to separate power and data.

Dimensions : base 126 x 6.2cm, vertebrae : 7.8cm x 3.9cm.

Fixed by two round head screws (1.6cm)



## 1.6 Screen Integration

Screen integration in furniture gives an impressive and stylish image, as well as being a highly functional way of increasing the performance of meetings. The screens can be for the speaker alone or, if necessary, for each participant (for example in board meetings with a large number of participants, or shorter tables with a need for visual contact and interactivity)

Therefore, Audience can integrate « Element One » screens. These projects require the assistance of audio video specialists, who can use their expertise to analyse the needs of the client and the specifications of use, and can foresee the management of cables, equipment, and correctly carry out the installation.

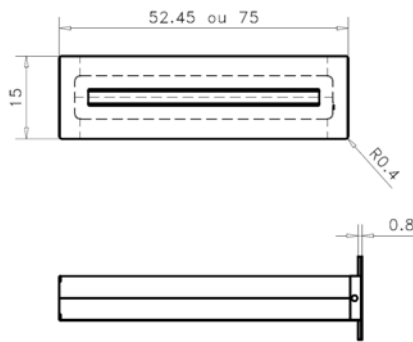
- Vertical screens

### Description

Please contact us if ordering these screens.

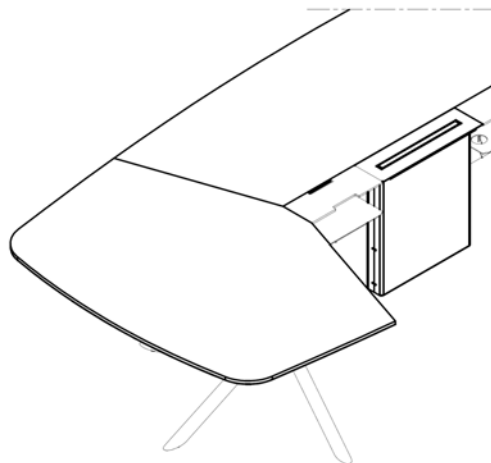
Two models are available: single or double sided, both 170".

There are two plate lengths: 52.45cm or 75cm, depending on the lengths of the top access openings which they will replace.



### Installation method

The screen takes the place of the top access (of the same length). To remove the base panel, one of the two channel fronts must be taken out.



- Horizontal screens

Description

Integrated horizontal screen (170") with keyboard and wireless mouse Includes motorised mechanism.  
The screen and the external plate are finished in stainless steel.

Total length: 48cm

Total width: 41cm

Total height in extended position: 29cm



Installation method

The screen is to be integrated into the Media-car. It is simply placed in the designated section.  
When shut, the keyboard and the mouse are integrated in a receptacle under the screen; only the screen is visible from the surface.

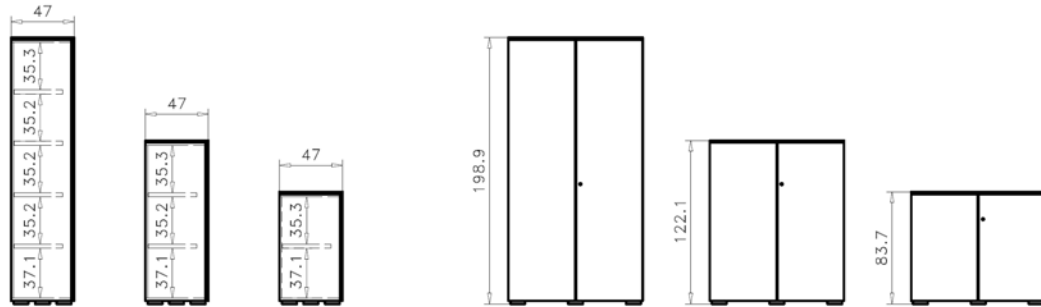
**Important:**

Concerning any after-sale problems with the screens, Element One offers a specific complaints procedure with precise instructions in the unlikely case of the need to return any equipment. In this instance, please contact the AV specialist who supplied you with the screens.

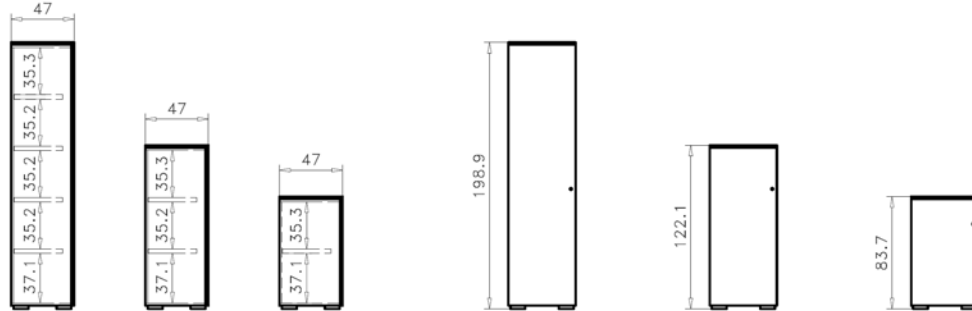
## 2. CABINETS

- Synoptic
- 6 Cabinets

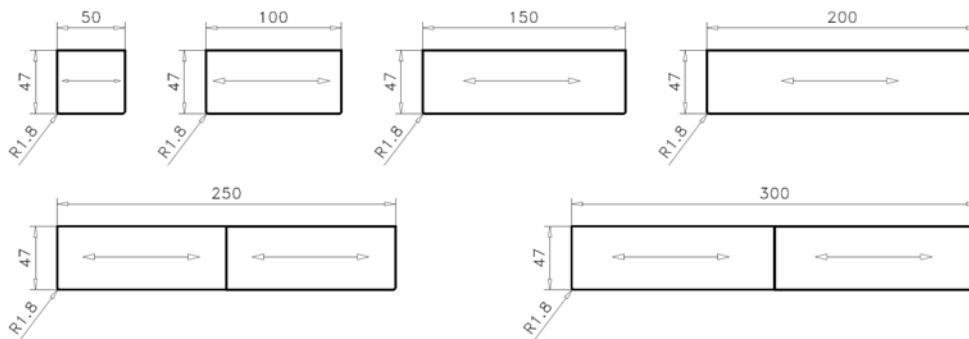
2 Door cabinets, width 100cm, 3 heights



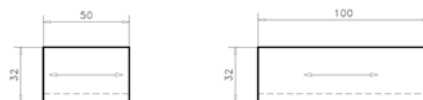
1 Door cabinets, width 50cm, 3 heights  
Open from right to left or left to right  
(here represented as left hand doors)



Tops for cabinets from 50cm to 300cm in length



Junction shelves – to go between cabinets



CABINET DIMENSIONS (CM)			
DESCRIPTION		EXTERIOR DIMENSIONS WITH FEET & TOPS	INTERIOR DIMENSIONS (A)
CABINET Ht 198.9 2 DOORS	HEIGHT WIDTH DEPTH	198.9 100 47	190.8 96.2 36,2
CABINET Ht 198.9 1 DOOR	HEIGHT WIDTH DEPTH	198.9 50 47	190.8 46.2 36.2
CABINET Ht 122.1 2 DOORS	HEIGHT WIDTH DEPTH	122.1 100 47	114 96.2 36.2
CABINET Ht 122.1 1 DOOR	HEIGHT WIDTH DEPTH	122.1 50 47	114 46.2 36.2
CABINET Ht 83.7 2 DOORS	HEIGHT WIDTH DEPTH	83.7 100 47	75.6 96.2 36.2
CABINET Ht 83.7 1 DOOR	HEIGHT WIDTH DEPTH	83.7 50 47	75.6 46.2 36.2

(A) Dimensions take into account hinges and locks



- Description

Cabinets available in 3 heights (198.9cm, 122.1cm and 83.7cm) and 2 widths (50cm and 100cm), mounted on height adjustable feet with a travel of around 1.5cm.

### CABINETS' BODIES

Sides, doors, base and back made in 1.9cm MDF, while the interior top is made in 2.5cm MDF. Finish of the whole body is 'satin' effect polyurethane lacquer.

The doors use 165° hinges. The shutting movement is softened thanks to shock absorbers placed on the interior top for the three cabinet heights and also on the base for the cabinets of 198.9cm and 122.1cm.

The cabinets include a lock system, which also serves as the handle (the key can only be taken out of the lock after the door has been locked).

### INTERIOR SHELVES

They are made in 3.2cm thick metal, and have a depth of 36.2cm. Their finish is grey anthracite epoxy. Suspended files can be hung below.

4 shelves are included in the 198.9cm cabinet.

2 shelves are included in the 122.1cm cabinet.

1 shelf is included in the 83.7cm cabinet.

### CABINET TOPS

Finish tops must be ordered to be placed on top of cabinets. For adjacent cabinets, a shared finish top can be ordered. However, this cannot be ordered if the cabinet includes junction shelves.

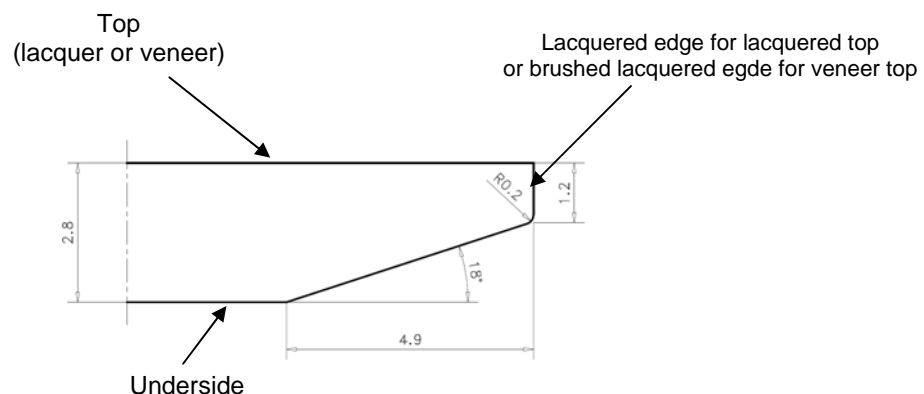
The tops are made in 1.2cm MDF, either lacquered or covered with 0.6mm veneer, with high resistance Kraft paper underside.

### JUNCTION SHELVES

Junction shelves can be added between two cabinets. Two widths are available: 50cm and 100cm. To do this, it is necessary to specify whether the holes should be drilled on the left, right, or on both sides of the cabinet.

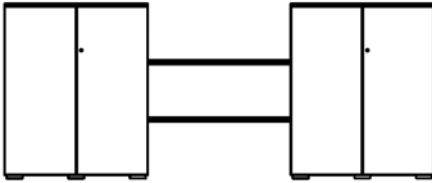
The shelves are made from 2.8cm MDF, either lacquered or covered in 0.6mm wood veneer on the top and underside.

- Profile of the edge of junction shelf

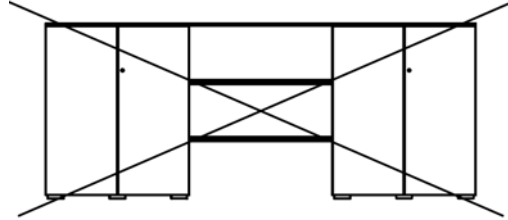


- Installation examples

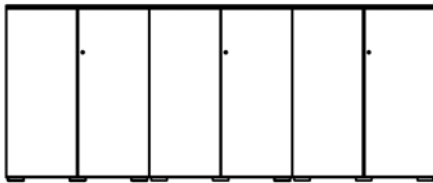
Single tops



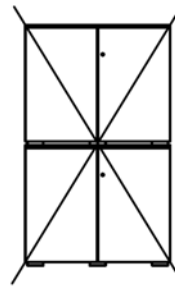
Shared top not possible



Shared top



Cabinets cannot be stacked



### 3. WRITING AND PROJECTION WALL

This not only allows for image projection, but also for the installation of a large screen, or can simply be used as a white board.

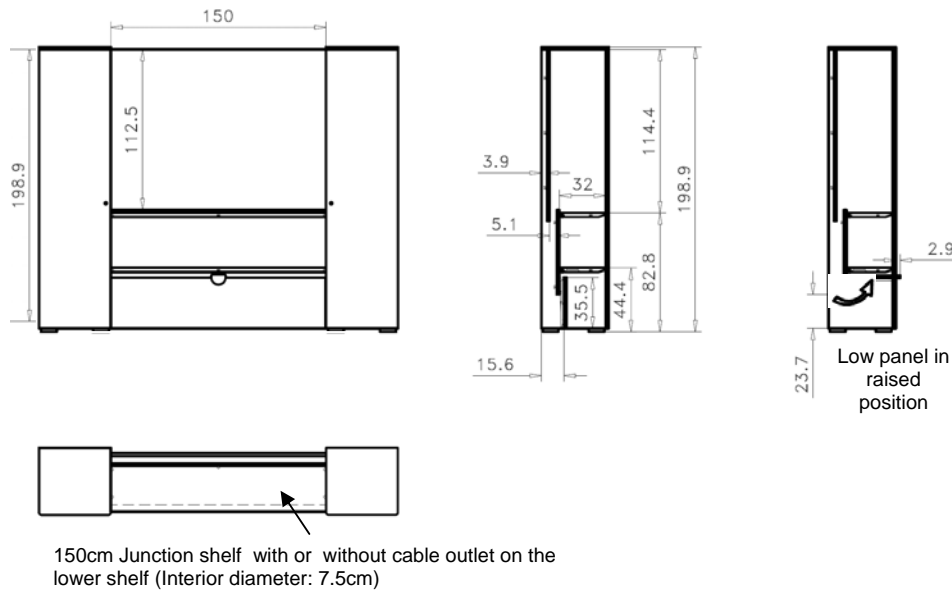
It also serves as storage, and can hold technical equipment.

The 'wall' benefits not only from its functionality but also from the fact that the building will rest unmarked from the installation of projection screens.

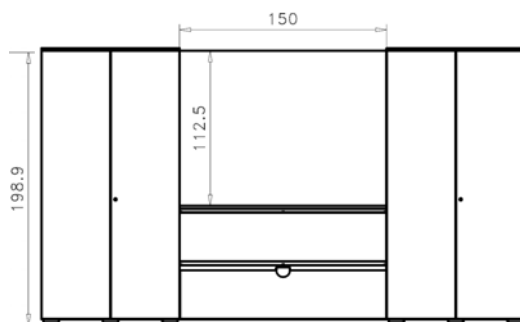
It comprises two high cabinets (50cm or 100cm wide) with a projection/writing panel, 150cm junction shelves, and a low panel for cable management fixed between them

- Synoptic

- Projection wall with single cabinets 50cm:



- Projection wall with double cabinets 100cm:



- Description

The characteristics of the projection wall cabinets are identical to those of the independent cabinets. Their tops are included as standard and have the same characteristics of the tops of the independent cabinets.

The 150cm junction shelves have the same characteristics as those of 50cm and 100cm, also with the possibility to have 7.5cm cable outlets (8.9cm exterior diameter) on the lower shelf. For the higher shelf, the 5cm gap between the projection screen and the shelf allows for the circulation of cables without the need for a circular cable mount.

The projection and writing panel is made in MDF board covered with a 1.9cm thick specific laminated bright white panel adapted both to be erasable when written on with a felt tip pen and for image projection.

The fixed middle panel is made in 1.9cm lacquered MDF, and is of the same colour as the body of the cabinets.

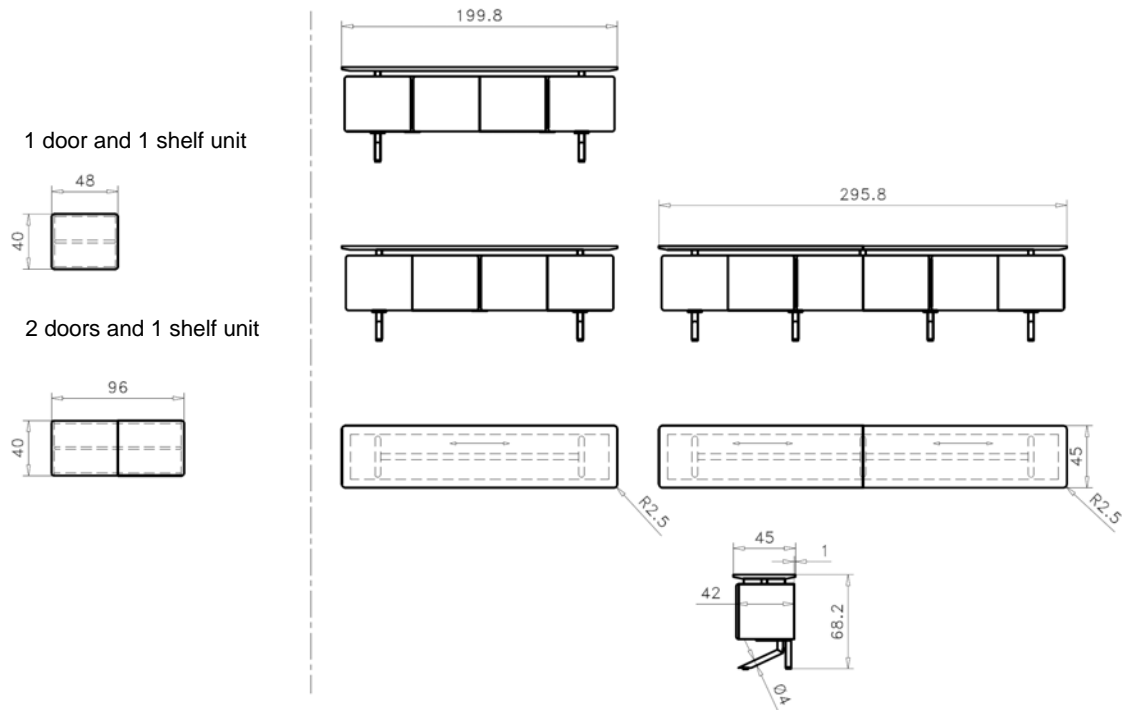
The low panel can be raised, allowing for access to the cables. It is made from 1.9cm lacquered MDF, and is of the same colour as the body of the cabinets.

To raise the panel, insert fingers from both hands between the low panel and the floor, then rotate 90° towards the blocking mechanisms of the two units: the panel should be under the low shelf, and parallel to it.

To replace it, push simultaneously on both brackets and guide the panel back until it has closed.

## 4. SIDEBOARDS

- Synoptic
- 3 sideboards

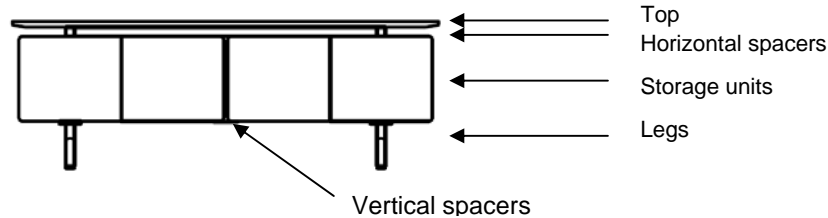


UNIT DIMENSIONS (CM)			
2 DOORS Lg 96	HEIGHT	40	35
	WIDTH	96	92 / 82*
	DEPTH	42	32 / 38*
1 DOOR Lg 48	HEIGHT	40	35
	WIDTH	48	44 / 34*
	DEPTH	42	32 / 38*

\* With / without hinge

- Description

The sideboards are storage units with either 1 door (width 48cm) and/or 2 doors (width 96cm). The units are on legs that match those of the tables. Spacers are placed on top of the units, on which lies the finish top.



## STORAGE UNITS

The sides, doors and back of the units are made in 1.9cm MDF. The interior top and base are made in 2.5cm MDF.

The whole sideboard is covered with 'satin' effect polyurethane lacquer.

Each unit includes an interior shelf which is height adjustable, in 1.9cm MDF covered with polyurethane lacquer.

The doors have 165° hinges. They shut using shock absorbers placed on the interior top (one shock absorber per door). The doors cannot be locked.

The opening of the door for the 48cm unit uses left hand doors when placed on the left and right hand doors when placed on the right.

The doors for the 96cm model open away from each other.

## SPACERS

The lateral spacers are positioned between the tops and the storage units. They are made in 4cm thick MDF lacquered in the same colour as the units.

The longitudinal spacers are positioned between the tops and the units, and are made in 4cm x 4cm aluminium lacquered in the same colour as the units.

The vertical spacers separate the units and are made in 1.9cm MDF lacquered in the same colour as the units.

## FINISH TOPS

The tops are available with two finishes:

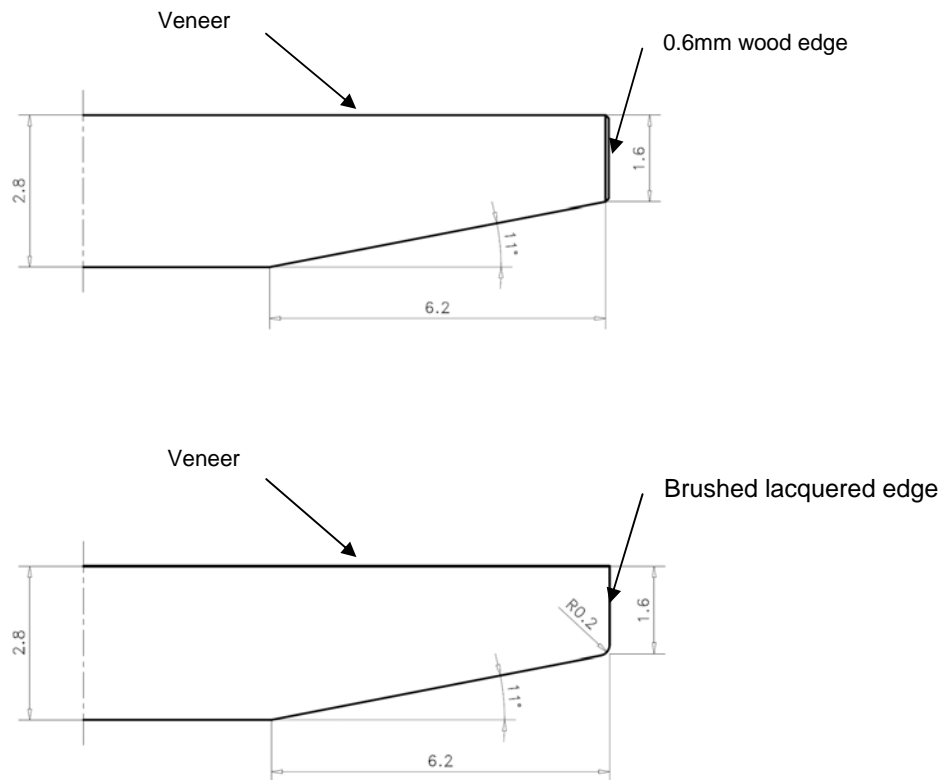
- Lacquered finish: panel made from 28mm MDF covered with polyurethane lacquer.
- Wood finish: panel made in 28mm MDF covered with 0.6mm veneer, with high resistance Kraft paper underside, 'satin' effect or matt UV varnish depending on wood type.

## Edge

The edge is shaped by bevel technique.

For the lacquered tops, the edge is lacquered in the same colour.

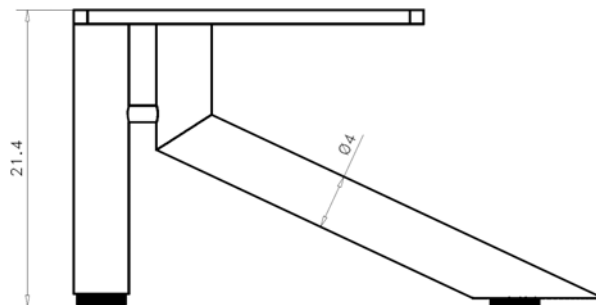
For the tops with wood finish, the straight section, measuring 16mm, is available in real wood (0.6mm wood edges pressed onto MDF and matching top finish) or in brushed lacquer ('satin' effect wood on MDF, matching the top finish)



## SIDEBOARD LEGS

They are made in 4cm diameter stainless steel and include two leveling glides to allow for height adjustment (by 1cm).

The glides have an M8 threaded shaft and a resistant polyamide cap.



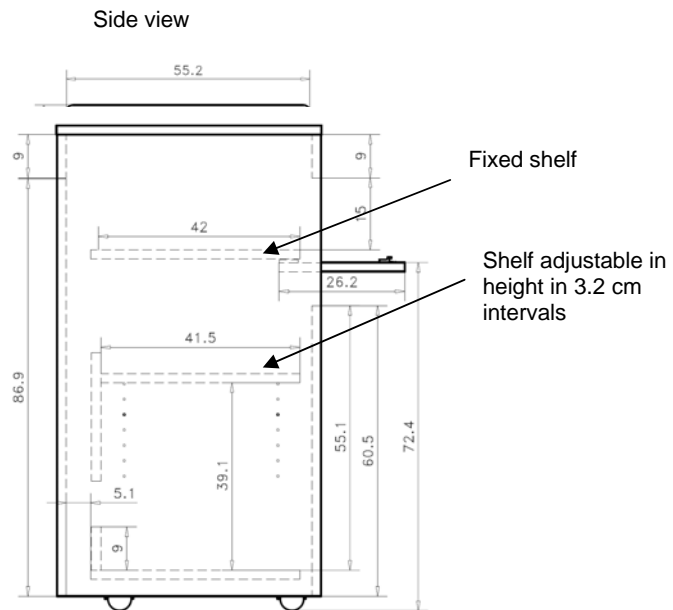
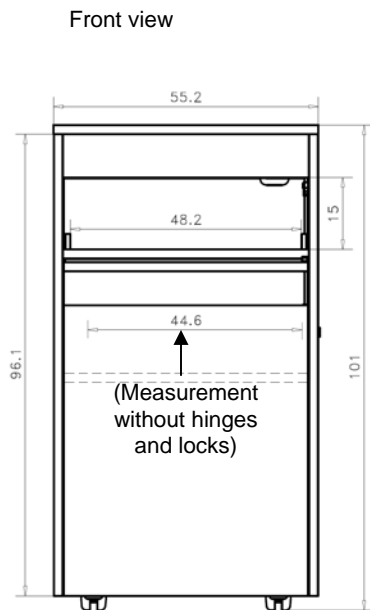
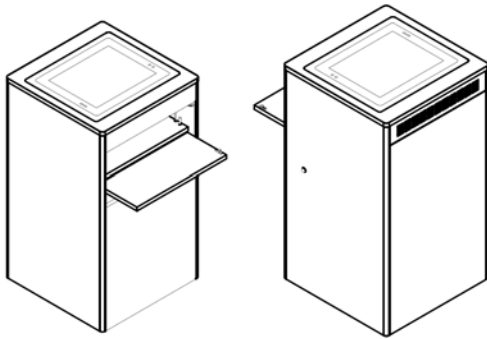
## 5. MEDIACAR

This is the ideal solution for dynamic presentations in average sized and large meeting rooms. Audio-visual equipment can be integrated, and it can serve as a lectern and for storage space. It is available in two versions: high, to integrate a screen in the upper section, or low, without space for a screen, but with a lateral shelf for laptops.

The two Mediacars have three openings: one flap, one hinged door at the front and one hinged door at the back for cable management.

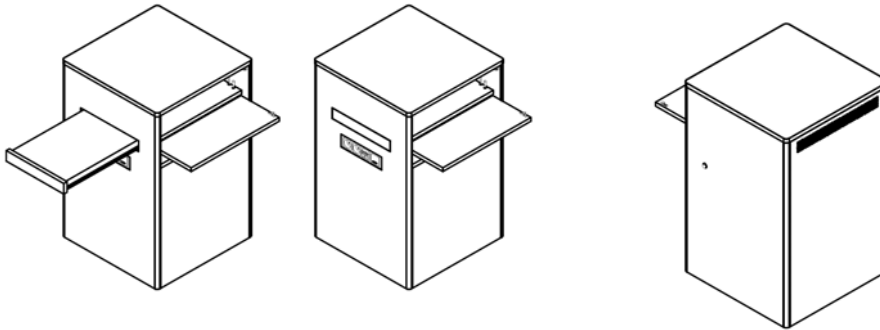
The flap and the doors open with a soft touch. All doors can be locked by a central locking system, on the right hand side of the Mediacar.

- Technical outline of high Mediacar

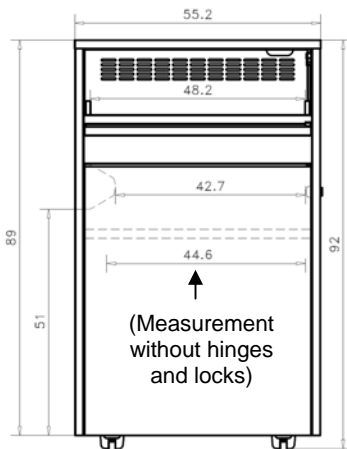




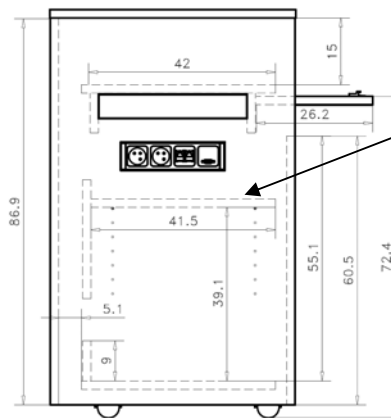
- Technical outlines of low Mediacar



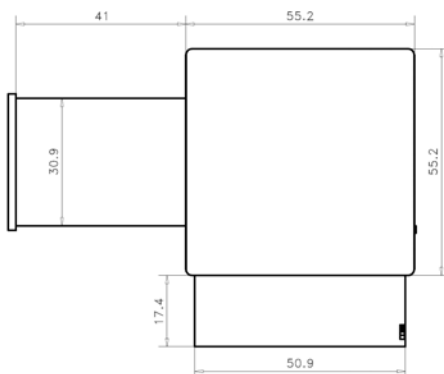
Rear view



Side view



Bird's eye view



- Description

Both Mediacars have 4 rollers with brakes and are completely made from 1.9cm MDF covered in 'satin' effect polyurethane lacquer.

The low compartment can store multimedia equipment or documents. It has an interior shelf that is height adjustable in 3.2cm intervals.

The high compartment, which has a drop-front flap with shock absorber, can fit a projector or a CU, or simply documents (Interior dimensions without shock absorbers and hinges: height 15cm, width 48.2cm, depth 42cm).

At the back, the hinged door allows for access to connections to the relevant equipment, and the ventilation grill ensures a safe level of ventilation.

The low Mediacar has a lateral shelf which can support a laptop, made from MDF lacquered in grey aluminium.

It comes out by means of a soft touch system, without locking mechanism (dimensions of shelf in open position: width 41cm depth 31cm).

Rotating power socket, to be placed under the shelf, can be ordered (2 power sockets, 2 RJ45 connections and 1 VGA connection). Finish: aluminium.

The low Mediacar also has two ballasting tablets on the base so that the unit cannot tip over in case of over loading the lateral shelf.

## 6. LECTERN

The lectern accompanies the speaker in formal presentations.

A compartment underneath the shelf can store documents, or can hide a small laptop.

It includes a power socket (1 power, 1 RJ45)

A microphone drilling is optional.

It is also possible to equip the upper part of the lectern with a 3.5W lamp (39cm by 1cm) using a cold cathode light bulb. It turns on and off by passing your hand over a sensor placed on the right hand side of the shelf.

The vertical section of the lectern is electrification ready: it has a door which opens with a soft touch on the speaker's side, allowing access to cables.

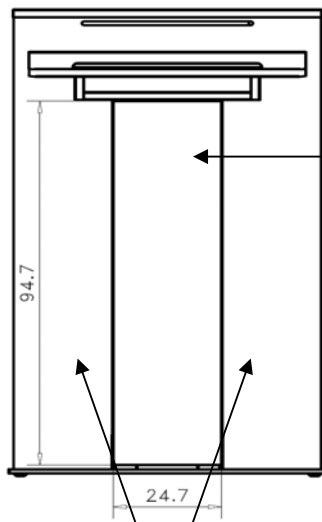
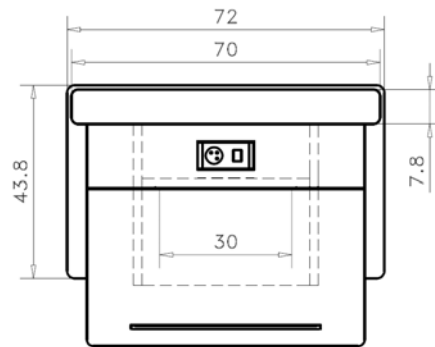
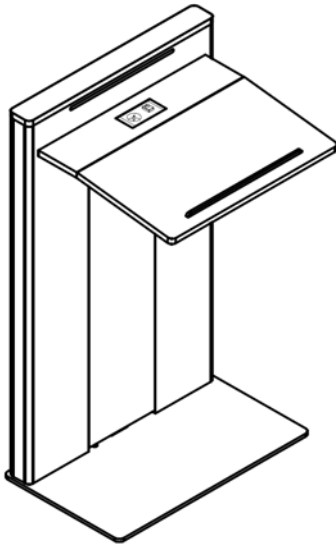


Vertical access



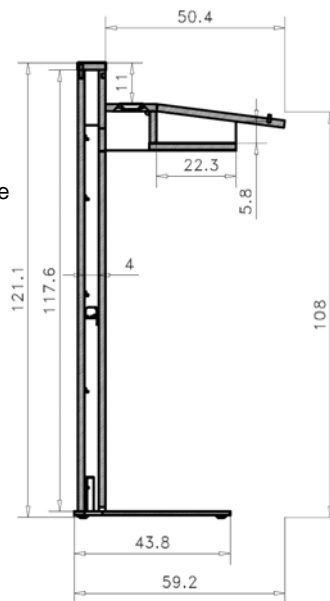
Bottom view (cable  
circulation – power socket  
cables included)

- Technical outline



Compartment for cable management:  
H: 96cm  
L: 19cm  
D: 4cm

No space for cables



## 7. Mirror projection system

The mirror projection system allows the projector to be placed inside the tables, invisible from the surface.

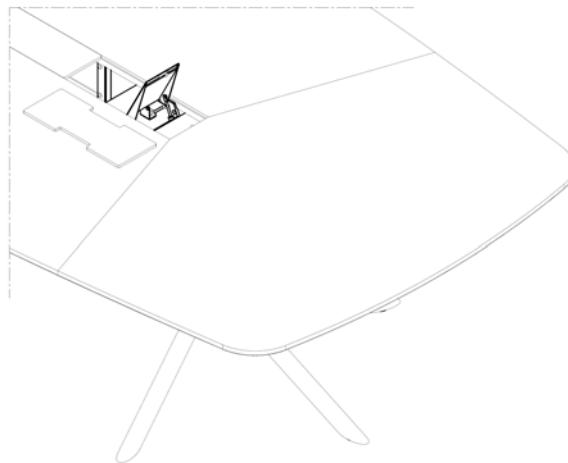
It is integrated into the central channel of tables with top access, in boat shaped or modular rectangular versions. The fronts of the channel are cut off to make space for the shelf which supports the projector (interior dimensions given in the drawings below).

The system relies on the creation of a new image by two mirrors, one in a low position, and the other attached to a moving flap, which is adjustable to obtain the correct height for the projection.

This solution hides the technical equipment and clears the spectators' line of vision.

### How to install the projection system?

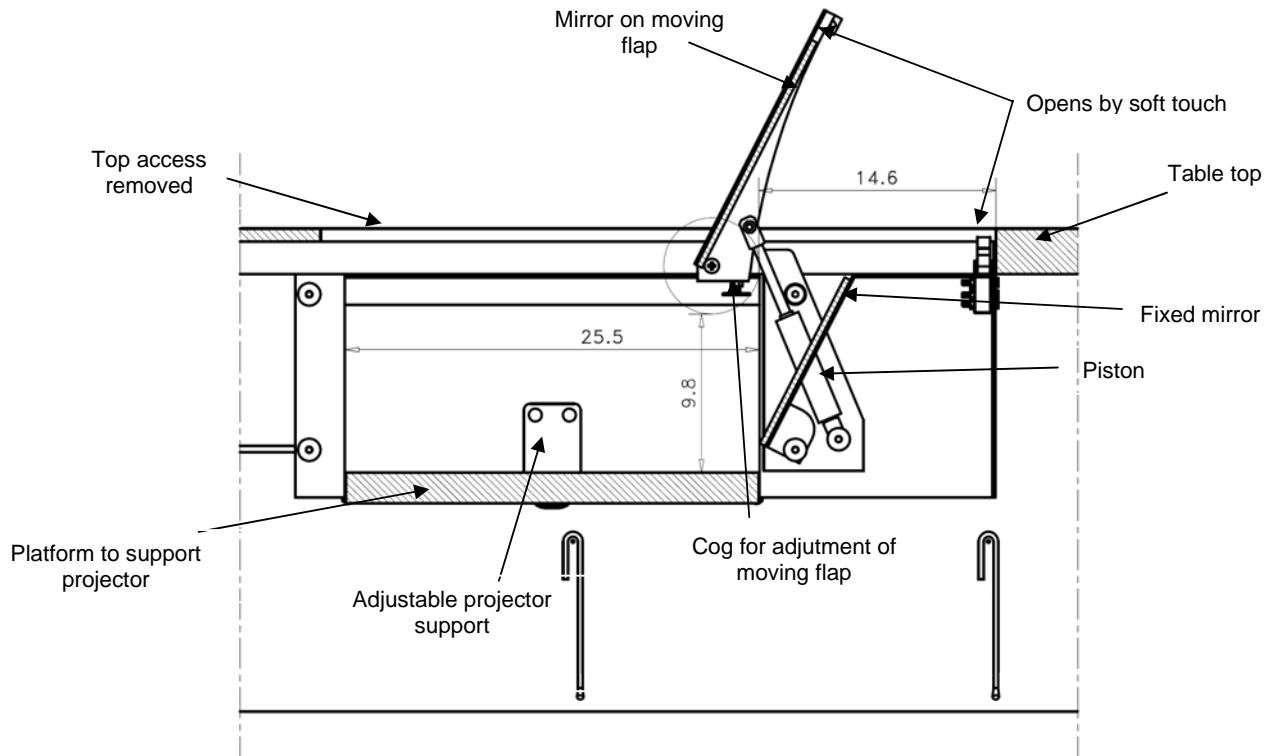
Remove the top access by using the finger gaps, raise the flap to the high position with a soft touch (push on the moving part of the flap and let go, the flap will open automatically using a piston system). To shut, push the flap down until you can feel it latch.



In order to guarantee the optimal performance of this system, we recommend the use of the projector: XGA SANYO - Ref: PLC-XU74. Nevertheless, other types of projectors can be integrated into the system, as long as the dimensions and the required image size will allow (see outline for dimensions). For technical information about the proposed projector, please go to [www.sanyo.fr](http://www.sanyo.fr)

- Description

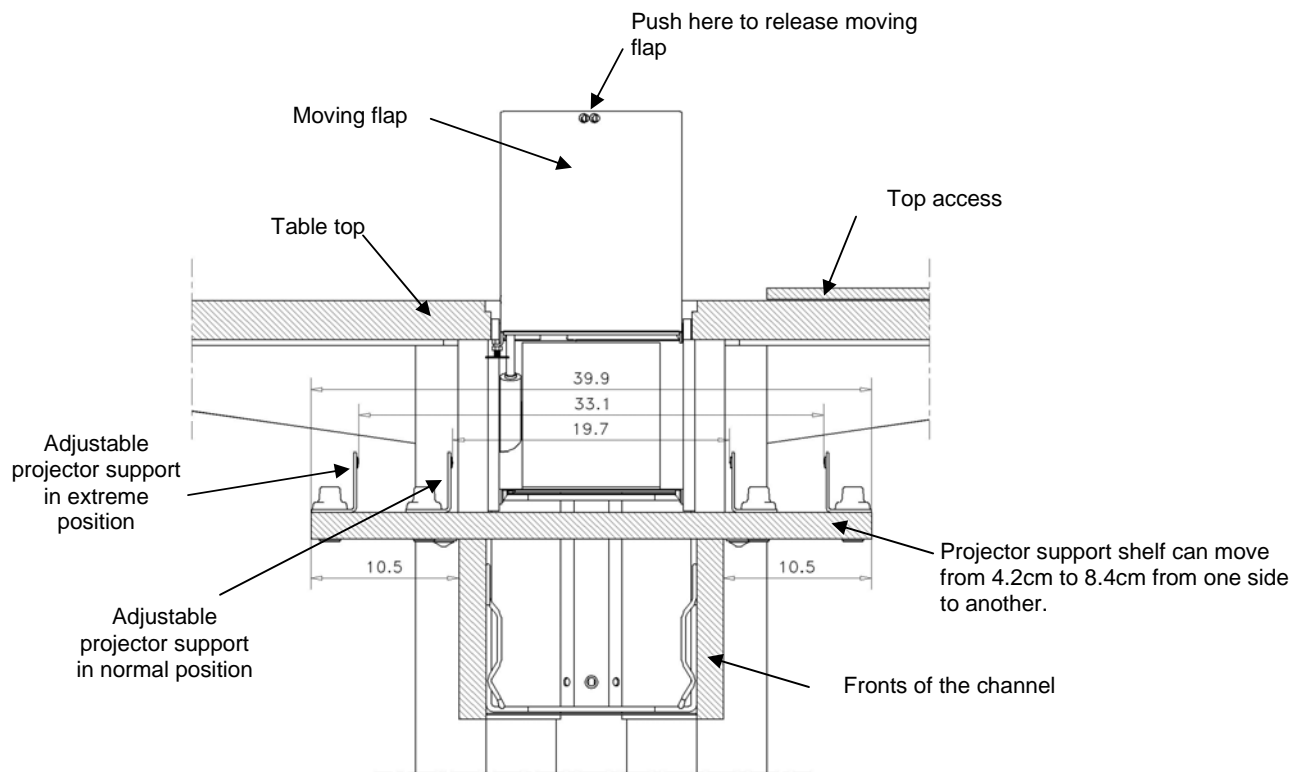
Side view:



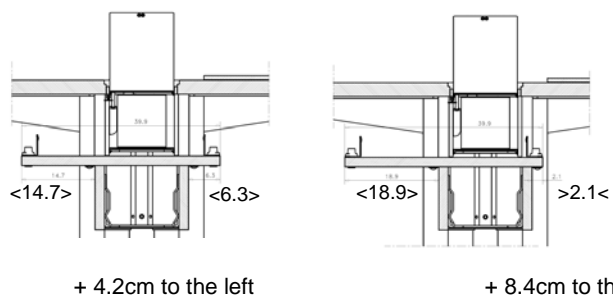
The support table is made from 1.9cm plywood; other pieces are from grey aluminium finished metal.

The shelf, in the central position in the following drawing, can be moved to the left or to the right of the central channel, from 4.2cm to 8.4cm from one side to the other according to position of the lens on the projector (left, right or central). To move the platform, remove the 4 relevant screws underneath the platform, then slide into the desired position. There are two supports, adjustable by slide mechanisms, which keep the projector firmly in place.

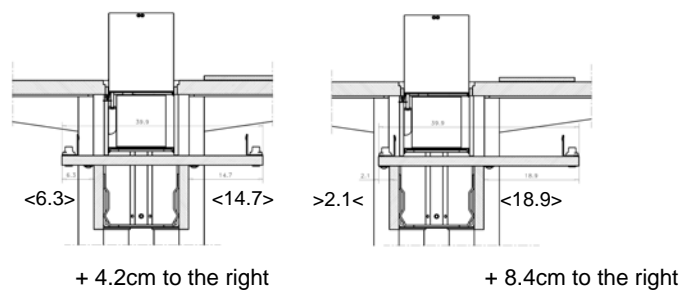
## Front view



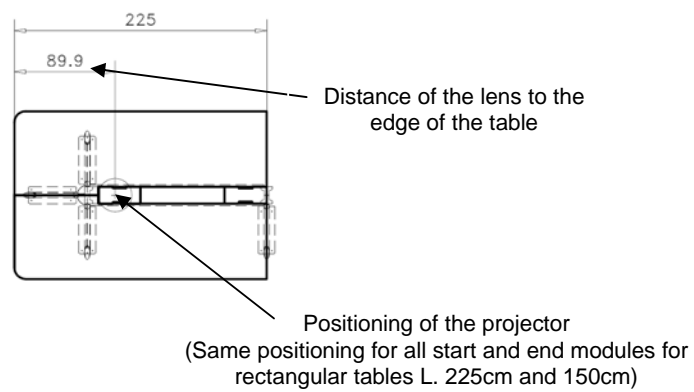
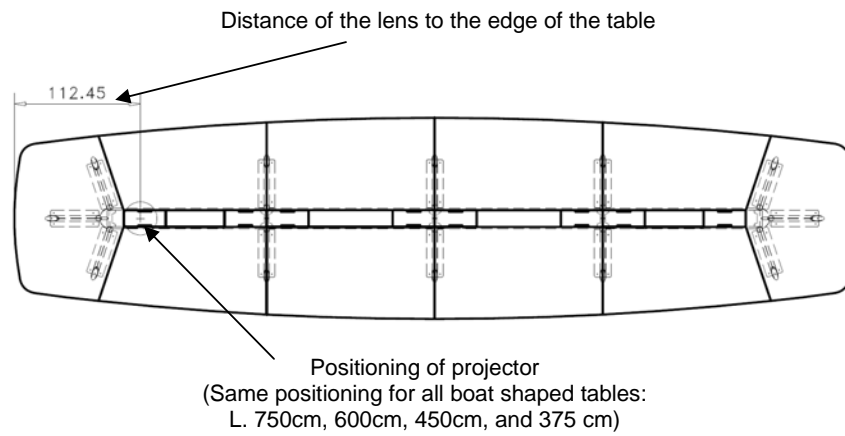
### Movement to the left



### Movement to the right



- Recommended positioning (For rectangular and boat shaped tables only)



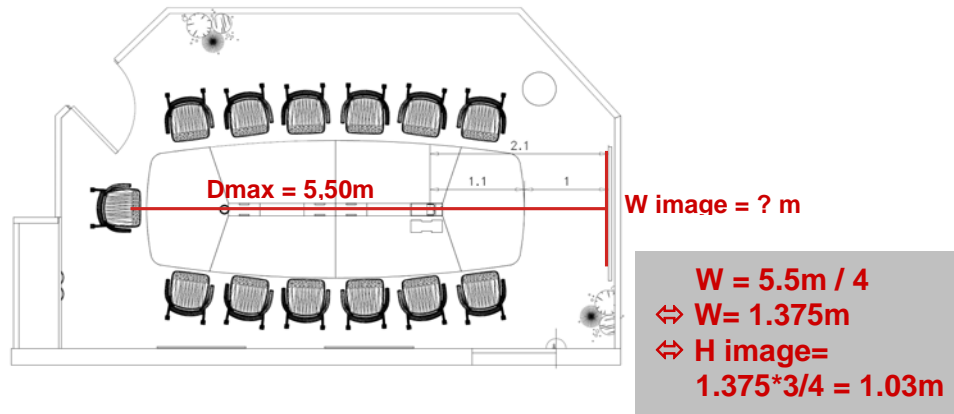


- How can the compatibility of the projector with the intended lay out be ensured?

a) Maximum distance between the screen and the spectator situated the furthest from the screen

The ideal width of the projected image equals the distance between the screen and the spectator situated furthest from it divided by 4.

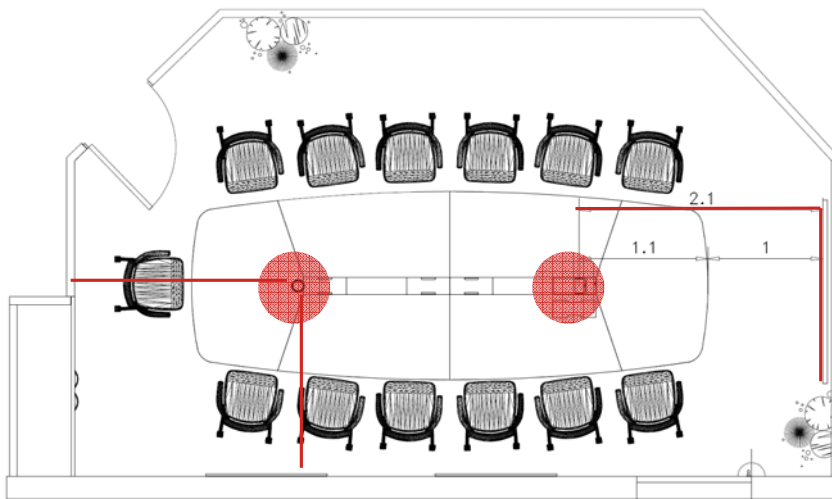
Example:  $5.50\text{m} / 4 = 1.375\text{m}$  (Standard projection ratio 4:3)



b) Recommended distance between the screen and the projector

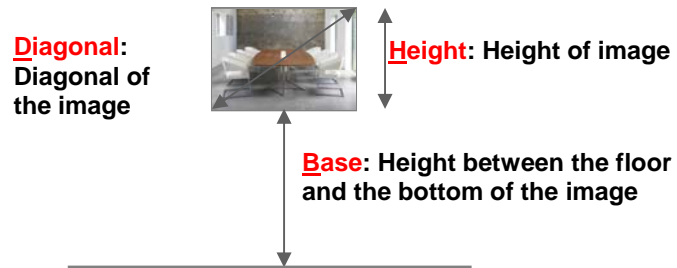
The technical characteristics of the projector will determine the size and the positioning of the image in relation to the distance between the lens and the screen. This information must be checked in order to guarantee the success of the installation. Please also ensure that you chose a projector with a high image quality.

c) Installation example with recommended projector SANYO PLC-XU74:



The table found on the next page indicates that with this layout, the maximum diagonal is 1.67m, the maximum height of the image is 1.0m, and the recommended distance from the floor is from 1.11m to 1.33m.

The table can be receded by from 5cm to 10cm to achieve an image height of 1,03m (ideal height for the furthest spectator).



## Table of image dimensions for the projector SANYO PLC-XU74

Please allow for +/- 5%

### PROJECTION DIMENSIONS (m)

Required projection distance between the projection wall and the lens of the projector	<u>D</u> iagonal Of the projected image			<u>B</u> ase Minimal image height			<u>H</u> eight of the projected image		
2	1.33	~	1.6	1.06	~	1.28	0.8	~	0.96
2.1	1.39	~	1.67	1.11	~	1.33	0.83	~	1
2.2	1.45	~	1.74	1.16	~	1.39	0.87	~	1.05
2.3	1.51	~	1.81	1.2	~	1.45	0.9	~	1.09
2.4	1.56	~	1.88	1.25	~	1.5	0.94	~	1.13
2.5	1.62	~	1.95	1.3	~	1.56	0.98	~	1.17
2.6	1.68	~	2.02	1.34	~	1.62	1.01	~	1.21
2.7	1.74	~	2.09	1.39	~	1.67	1.05	~	1.26
2.8	1.8	~	2.16	1.44	~	1.73	1.08	~	1.3
2.9	1.86	~	2.23	1.48	~	1.78	1.12	~	1.34
3	1.91	~	2.3	1.53	~	1.84	1.15	~	1.38
3.1	1.97	~	2.37	1.58	~	1.9	1.19	~	1.43
3.2	2.03	~	2.44	1.62	~	1.95	1.22	~	1.47
3.3	2.09	~	2.51	1.67	~	2.01	1.26	~	1.51
3.4	2.15	~	2.58	1.72	~	2.06	1.29	~	1.55
3.5	2.21	~	2.65	1.76	~	2.12	1.33	~	1.59
3.6	2.27	~	2.72	1.81	~	2.18	1.36	~	1.64
3.7	2.32	~	2.79	1.86	~	2.23	1.4	~	1.68
3.8	2.38	~	2.86	1.9	~	2.29	1.43	~	1.72
3.9	2.44	~	2.93	1.95	~	2.35	1.47	~	1.76
4	2.5	~	3	2	~	2.4	1.5	~	1.81