

# Axel 2

## TECHNICAL CHARACTERISTICS



### Choice of 2 mechanisms:

- **Manual crank**  
Adjustment range H. 71.5 to 115.5 cm  
(2 telescopic shafts)
- **Electric drive**  
Adjustment range H. 65 to 130 cm  
(3 telescopic shafts)

### Powerful electric drive system

- 1 motor in each leg upright
- Stylish, user-friendly control unit with scrolling menu for accessing the various settings
- Ideal for hot-desking scenarios: 4 user profiles, each with 2 height settings (sitting and standing)
- Alarm for scheduling reminders
- Built-in USB charger (A & C)
- Multiple settings
- Built-in anti-collision system



### Worktops

Melamine-covered particle board panels (25 mm thick).

### Customisable

- Multiple cable management solutions
- Optional fabric-covered desktop screens

### Flat or curved base

With stabiliser feet as standard  
Option: Castors with brakes, Ø 40 mm, suitable for all floor types (for individual desks only)

### Worktops

Melamine-covered particle board panels (25 mm thick)

### Electric drive adjustment system

- 1 motor in each leg upright
- Adjustment range H. 65 to 130 cm
- Standard control unit with digital display
- 4-position memory function
- Built-in anti-collision system



### Legs & structure

- Square-section uprights, 75 x 75 mm (3 telescopic shafts)
- Flat base with stabiliser feet
- Structural telescopic frame

### Cable management solutions

Cable ports for direct connectivity or top-access module with cable trough

### Comprehensive range

Different shapes and sizes

## Worktops



### Standard melamine

- › Melamine-covered particle board panels, thk 25 mm, with an anti-reflective coating on both sides
- › Panel density Thk 25 mm: 600 to 670 kg/m<sup>3</sup>
- › Flat edge banding (2 mm thick) made from a strip of glued ABS, with rounded edges
- › Edge banding in same finish as worktop (except for Maritime pine N8, which comes with plywood edge banding)



### Soft-touch black velvet melamine

- › Matt finish with a high-quality multi-layer coating
- › Panel density: 600 to 620 kg/m<sup>3</sup>
- › Flat edge banding (2 mm thick) in Black, made from a strip of glued ABS, with rounded edges



Panels sourced from sustainably managed forests - **PEFC**

- › Panels have a fire-resistance rating of M3 (combustible, moderately flammable) as per standard **NF EN 13501-1**
- › Panels have a **formaldehyde emissions rating of E05**, with a maximum of 0.062 mg/m<sup>3</sup> or a limit of 0.05 ppm and comply with standard **NF EN 717**
- › Melamine panels (except Black velvet MK) have an **antibacterial surface** that meets standard **ISO 22196**
- › **68%** on average from recycled materials (pre- and post-consumer) - 100% recyclable

## Shared desks - Manual version

### Structure and legs



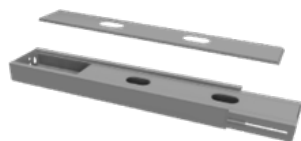
#### Individual desks

- › Structure with 2 centrally positioned legs:
  - Rectangular-section metal uprights, 75 x 45 / 80 x 50 mm (2 telescopic shafts)
  - 2 base pieces, W. 700 x 80 mm, with flat ends and stabiliser feet (adjustment range 20 mm)
- › Optional castors available to replace the stabiliser feet (see options)
- › 1 structural telescopic metal frame, adjustable from 1150 to 1800 mm
- › 2 upper crossbeams made from tubular steel, W. 600 x H. 40 mm



#### Shared-structure desks

- › Structure with 2 pairs of centrally positioned legs, linked together by metal crossbeams:
  - Rectangular-section metal uprights, 80 x 50 / 75 x 45 mm (2 telescopic shafts)
  - 2 metal crossbeams, W. 785 x H. 80 x D. 50 mm
- › Legs fitted with ABS mounts in matching colour, with stabiliser feet (adjustment range 10 mm)
- › 2 structural telescopic metal frames, adjustable from 1150 to 1800 mm
- › 4 upper crossbeams made from tubular steel, W. 600 x H. 40 mm
- › Each structure comes with a telescopic cable trough with a sliding cover, to be secured between the two lower crossbeams that link the legs:
  - Holds socket outlets and cables
  - Perforated to facilitate cable routing and concealment of cables
  - Adjustable from 930 to 1680 mm to adapt to the worktop width (W. 1200 to 1800 mm)
  - Overall dimensions W. 930/1680 x H. 80 x D. 202 mm
  - A high-capacity cover (see options) can be installed in place of the sliding cover



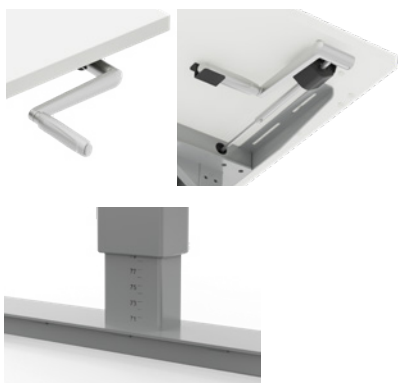
### Finishes

- › Smooth epoxy powder finish in a choice of 3 colours: White (RAL 9010), Silver grey (RAL 9006) or Black (RAL 9005)

### Attachment of the structure to the worktop

- › Secured using metal inserts and screws for easy assembly and dismantling
- › Excellent level of tensile strength (140 kg per insert under test conditions)

### Adjustment system



#### › Manual height-adjustment system

- Height adjustment from 715 to 1155 mm (including worktop, thk 25 mm); lower upright has graduated notches at 1 cm intervals (individual desks only)
- Castors add 30 mm to the height
- Lift speed: 8 mm/crank rotation
- Max. load per worktop: 80 kg
- Crank made from metal and ABS, Aluminium grey finish
- Retractable crank, stows away under the worktop
- Crank can be placed at the left or right side of the worktop

## Shared desks - Electric version

### Structure and legs



#### Individual desks

- › Structure with 2 centrally positioned legs:
  - Rectangular-section metal uprights, 80 x 50 / 75 x 45 / 70 x 40 mm (3 telescopic shafts)
  - 2 base pieces, W. 700 x 80 mm, with curved ends and stabiliser feet (adjustment range 20 mm)
- › Optional castors available to replace the stabiliser feet (see options)
- › 1 structural telescopic metal frame, adjustable from 1075 to 1800 mm
- › 2 upper crossbeams made from tubular steel, W. 600 x H. 40 mm



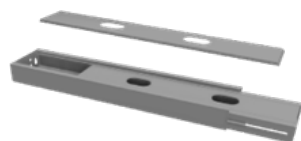
#### Individual desks with a return

- › Structure with 2 centrally positioned legs and 1 slightly offset leg for the return:
  - Square-section metal uprights, 75 x 75 / 70 x 70 / 65 x 65 mm (3 telescopic shafts)
  - 3 base pieces with curved ends and stabiliser feet (adjustment range 20 mm), dimensions W. 700 x 90 mm for the 2 main uprights, W. 500 x 90 mm for the return upright
- › 2 structural telescopic metal frames (1 main frame, adjustable from 1075 to 1800 mm + 1 return frame, adjustable from 1076 to 1801 mm)
- › 3 upper crossbeams, W. 600 x H. 40 mm for the main worktop + W. 500 x H. 40 mm for the return



#### Shared-structure desks

- › Structure with 2 pairs of centrally positioned legs, linked together by metal crossbeams:
  - Rectangular-section metal uprights, 80 x 50 / 75 x 45 / 70 x 40 mm (3 telescopic shafts)
  - 2 metal crossbeams, W. 785 x H. 80 x D. 50 mm
- › Legs fitted with ABS mounts in matching colour, with stabiliser feet (adjustment range 10 mm)
- › 2 structural telescopic metal frames, each adjustable from 1075 to 1800 mm
- › 4 upper crossbeams made from tubular steel, W. 600 x H. 40 mm
- › Each structure comes with a telescopic cable trough with a sliding cover, to be secured between the two lower crossbeams that link the legs:
  - Holds socket outlets and cables
  - Perforated to facilitate cable routing and concealment of cables
- › Adjustable from 930 to 1680 mm to adapt to the worktop width (W. 1200 to 1800 mm)
  - Overall dimensions W. 930/1680 x H. 80 x D. 202 mm
  - A high-capacity cover (see options) can be installed in place of the sliding cover



### Finishes

- › Smooth epoxy powder finish in a choice of 3 colours: White (RAL 9010), Silver grey (RAL 9006) or Black (RAL 9005)

### Attachment of the structure to the worktop

- › Secured using metal inserts and screws for easy assembly and dismantling
- › Excellent level of tensile strength (140 kg per insert under test conditions)

## Shared desks - Electric version

### Adjustment system



#### › Electric height-adjustment system:

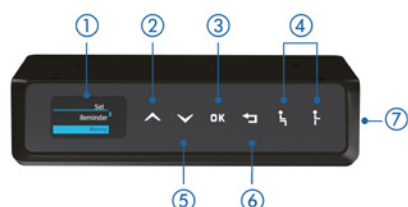
- Height adjustment from 650 to 1300 mm (including worktop, thk 25 mm)
- Castors (available for individual desks only) add 30 mm to the height; use the control unit to adjust the worksurface height accordingly (see User Manual for instructions)

#### › 1 motor in each leg upright:

- Lift speed: 40 mm/sec (38 mm/sec for desks with a return)
- Thrust force per upright: 800 N
- Max. load per worktop: 120 kg (150 kg for desks with a return)
- Noise level: < 45 dB (50 dB for desks with a return)

#### › Power supply unit:

- 100-240 V, 50/60 Hz, 3A with a 3.5 m power cable
- Supplied with either an EU or a UK plug
- Max. power consumption during operation: 58 W, standby power consumption: 0.7 W



- ① Menu
- ② Up
- ③ Settings
- ④ Memory for sit/stand position
- ⑤ Down
- ⑥ Return
- ⑦ USB ports A + C

#### › Control unit (see User Manual for full details):

- LCD digital display with scrolling menu for accessing the various settings:
  - 1) Alarm for scheduling reminders to change position (5-minute increments)
  - 2) Saved positions: Up to 4 users, each with 2 positions (sitting and standing)
  - 3) Language (the factory setting is English): Choice of 9 languages (English, French, Chinese, German, Dutch, Italian, Spanish, Polish and Romanian)
  - 4) Height limit: Option for setting a maximum or minimum height
  - 5) Child lock: Disables the control unit
  - 6) Lighting effect: Enable/disable the lighting effect
  - 7) Bluetooth: Enable/disable Bluetooth (application currently under development – available early 2025)
  - 8) More: QR code pointing to the control unit documentation (installation manual, user manual), and other settings (toggle between inches/cm, adjust the sensitivity of the anti-collision sensor, define the minimum height to display on the screen, toggle between automatic/manual saving of positions)
  - 9) Hard reset: Can be used to reset the system if the desk is not working correctly. After resetting the system, the factory settings are restored and the desk must be re-initialised.

(Re)-initialisation: Press and hold “V” until the desk is in the lowest position. Release the button, then press and hold “V” again until you hear a beep. Follow the instruction displayed on the screen: press and hold “V” for 5 seconds until you hear a second beep. This confirms successful re-initialisation.

- The control unit has a USB charger (A & C) on the side
- The control unit is secured below the worktop, at the left or right side (if the desk/table is next to a wall or cupboard, remember to leave enough space to access the USB port)

#### › Built-in anti-collision system:

- In the event of a collision, the desk stops moving, then moves up or down by 2 cm
- Code “E05” will be displayed on the control unit

⚠ For the system to work correctly, all of the components must be installed. If the system is not working correctly, please contact us.

## Meeting tables

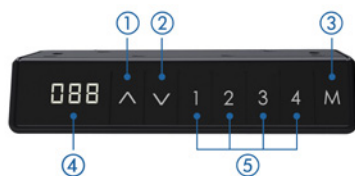
### Structure and legs



- › Structure with 2, 3 or 4 legs (depending on table size):
  - Square-section metal uprights, 75 x 75 / 70 x 70 / 65 x 65 (3 telescopic shafts); worktop overhangs the legs at each side
  - Base pieces with flat ends and stabiliser feet (adjustment range 20 mm), W. 900 x 90 mm (rectangular tables) or W. 1000 x 90 mm (square tables)
- › Structural telescopic metal frames:
  - Adjustable from 1075 to 1800 mm for the table W. 1000 x D. 2000 mm
  - Adjustable from 2000 to 3000 mm for the table W. 2400 x D. 1200 mm
  - Adjustable from 860 to 1400 mm for the square tables
- › Upper crossbeams made from tubular steel:
  - W. 900 x H. 40 mm for the rectangular tables
  - W. 1000 x H. 40 mm for the square tables

### Adjustment system - Only for electric version

- › **Electric adjustment system:**
  - Height adjustment from 650 to 1300 mm (including worktop, thk 25 mm)
- › **1 motor in each leg upright:**
  - Lift speed: 40 mm/sec (38 mm/sec for tables with 3 or 4 legs)
  - Thrust force per upright: 800 N
  - Max. load per worktop: 120 kg (150 kg for tables with 3 or 4 legs)
  - Noise level: < 45 dB (50 dB for tables with 3 or 4 legs)
- › **Built-in anti-collision system:**
  - In the event of a collision, the desk stops moving, then moves up or down by 2 cm
  - Code "E05" will be displayed on the control unit
- › **Power supply unit:**
  - 220-240 V, 50/60 Hz, 5A with a 2.1 m power cable
  - Supplied with either an EU or a UK plug
  - Power consumption during operation: 256 W, standby power consumption: 0.1 W



- ① Up
- ② Down
- ③ Memory entry
- ④ Digital display
- ⑤ 4 saved positions

- › **Standard control unit (see User Manual for full details):**
  - Digital display panel with 4 saved positions
  - The control unit is secured below the worktop, at the left or right side
- › **Saving positions:**
  - Raise or lower the worktop to the desired height.
  - Press the "M" button until the display begins to flash.
  - Press the "1" button. Repeat the steps to save other height positions (a maximum of 4 positions can be saved).
- › **Re-initialising the system:**

Simultaneously press "∧" and "∨" for 5 seconds until the desk is in the lowest position. When you hear a beep, the table is ready for use.

/\ For the system to work correctly, all of the components must be installed. If the system is not working correctly, please contact us.



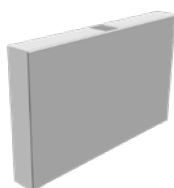
## Desks Options



### For individual desks

#### Set of 4 castors:

- › Black ABS castors with brakes, dia. 40 mm, with grey roller bands
- › Suitable for all floor types
- › Mounted on the base pieces instead of the stabiliser feet
- › Castors increase the worksurface height by 30 mm: minimum height with castors  
H. 680 mm (electric version) or H. 745 mm (manual version)
- › Compatible with individual desks of D. 700, 800 or 900 mm



#### Metal cable casing

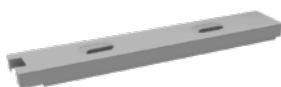
- › Fits around the leg uprights of individual desks
- › Metal with epoxy powder coating, with ABS covers at the feet; choice of 3 colours: White (RAL 9010), Silver grey (RAL 9066) or Black (RAL 9005)
- › Overall dimensions: W. 800 x H. 475 x D. 95 mm
- › Sold individually



### For shared-structure desks

#### Set of 2 spacing bars (for electric desks)

- › These create a 3 cm gap between 2 adjacent desks, to prevent accidental trapping of fingers during worktop height adjustments
- › To be fitted on the crossbeam between the 2 legs
- › Dimensions of 1 spacing bar: W. 50 x H. 50 x L. 272 mm



#### High-capacity cable cover for twin-compartment telescopic cable trough

- › Allows even more cables and socket outlets to be placed in the cable trough
- › To be fitted on the cable trough instead of the sliding cover
- › Total height of cable trough, including high-capacity cover: H. 117 mm (height of cover: 48 mm)
- › Perforated to facilitate cable routing
- › Made from epoxy-coated metal in a choice of 3 colours: White (RAL 9010), Silver grey (RAL 9006) or Black (RAL 9005)



#### Flexible cable channel (not compatible with individual desks)

- › Injection-moulded ABS. Consists of 20 small square links, W. 68 x H. 29 x D. 36 mm. Total height 1320 mm
- › Metal attachment plates at the top and bottom; secured with screws between the cable trough (perforations below the cable trough) and the worktop (wood screws), on the left or right side
- › Extends up to 1300 mm
- › Sold individually
- › Colours: White, Aluminium grey or Black



#### Metal cable casing

- › Fits around the leg uprights of shared-structure desks
- › Metal with epoxy powder coating, with ABS covers at the feet; choice of 3 colours: White (RAL 9010), Silver grey (RAL 9066) or Black (RAL 9005)
- › Overall dimensions: W. 1660 x H. 475 x D. 95 mm
- › Sold individually

## Fabric-covered desktop screens

### For individual desks

See catalogue for full SOLANGE and TWINS ranges

### For shared-structure desks

- › Desktop screens, H. 700 mm
- › Attached to the bench structure using fixing clamps



#### Fabric-covered acoustic desktop screens

- › Outer frame made from aluminium (thk 47 mm), joined by 4 rounded ABS corner pieces
- › Core made from honeycomb cardboard (made entirely from recycled fibres), 25 mm thick, clad with 1 layer of 10 mm thick acoustic polyester fibre on each panel face
- › The polyester fibre offers the following environmental benefits:
  - OEKO-TEX certified: certification guaranteeing the absence of substances posing a health risk
  - Manufactured using a minimum of 85% recycled fibres
  - 100% recyclable
- › Fire rating of foam: B-s1.d0 (Euroclasses according to EN 13501-1, equivalent to French fire rating M1)
- › Fabric covering (see Fabrics shade card)
- › Acoustic desktop screens absorb approx. 50% of ambient noise (acoustic performance report available on request)

#### Fixing clamps (must be included in your order)

- › Metal clamps with a metal rod and ring to hold the panel
- › Secured to the structure using screws
- › Sold in sets of 2

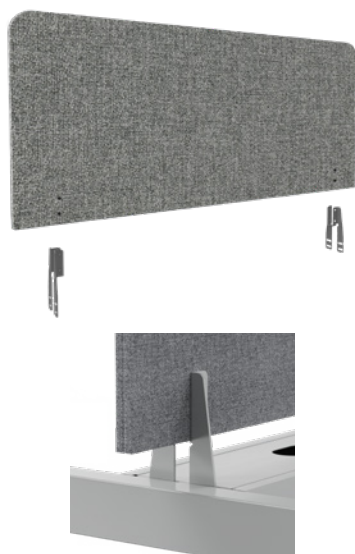
#### Non-acoustic fabric-covered desktop screens

##### (for electric shared-structure desks only)

- › Melamine-covered particle board panels (25 mm thick) with a fabric covering (see shade card for available finishes)
- › 2 rounded corners at the top, and 2 straight corners at the bottom

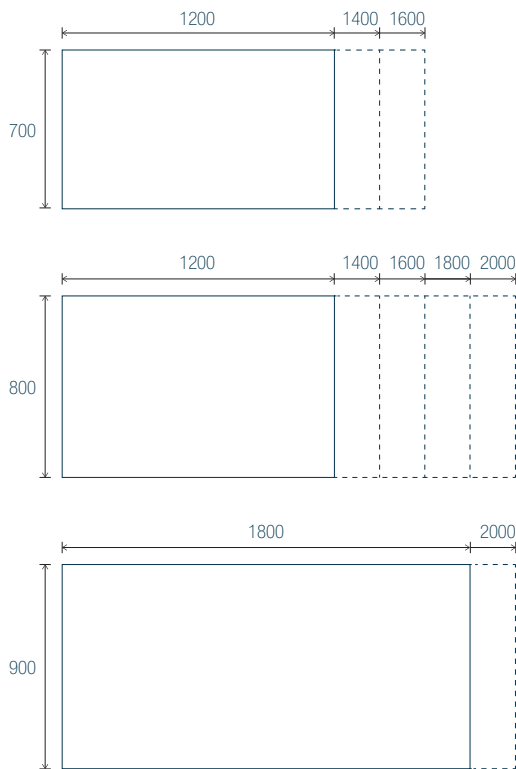
#### Fixing clamps are supplied with the structure

- › Metal fixing clamps, secured using screws to the structure and the desktop screen

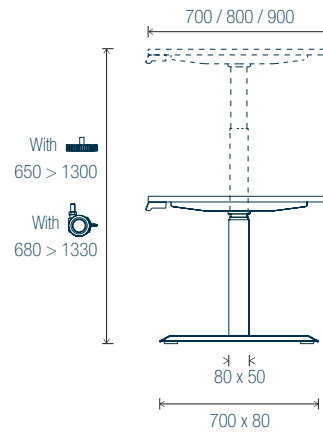




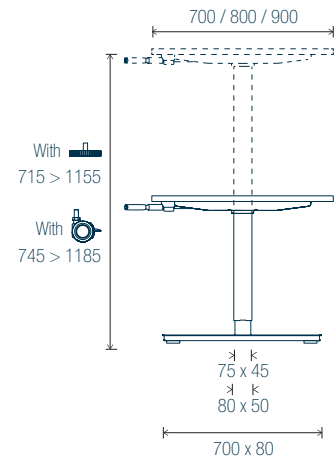
### Individual desks



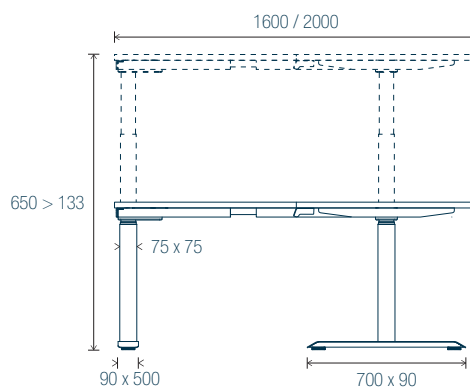
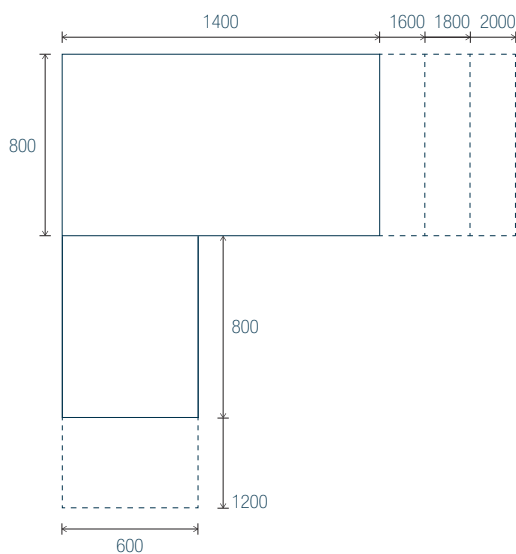
#### Electric version



#### Manual version

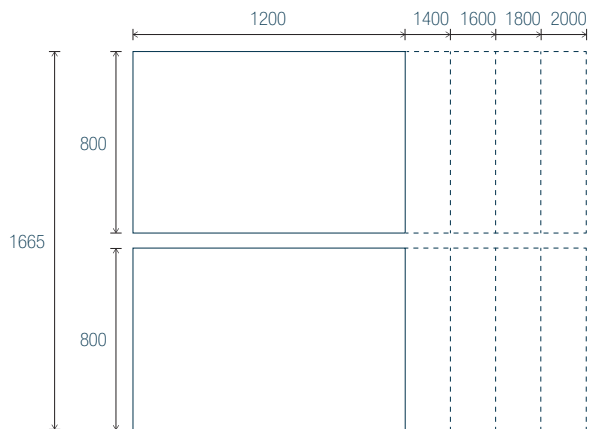


### Individual desks with a return - Only for electric version

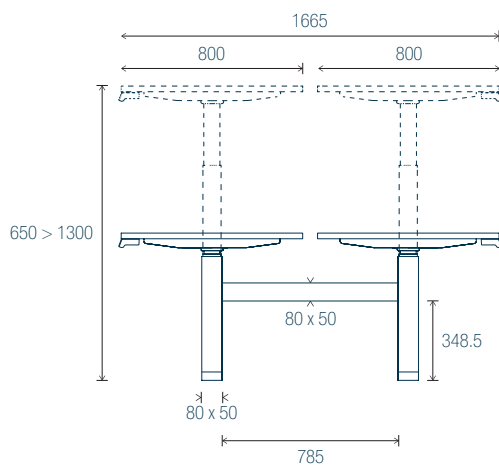




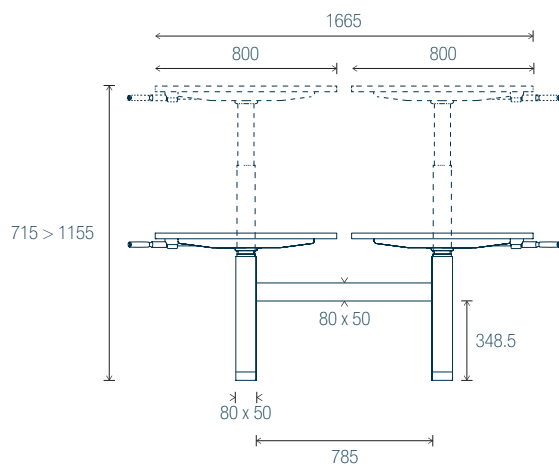
## Shared-structure desks



### Electric version



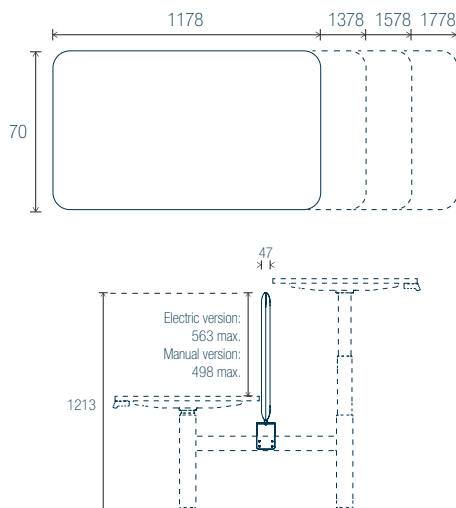
### Manual version



## Fabric-covered desktop screens - For shared-structure desks

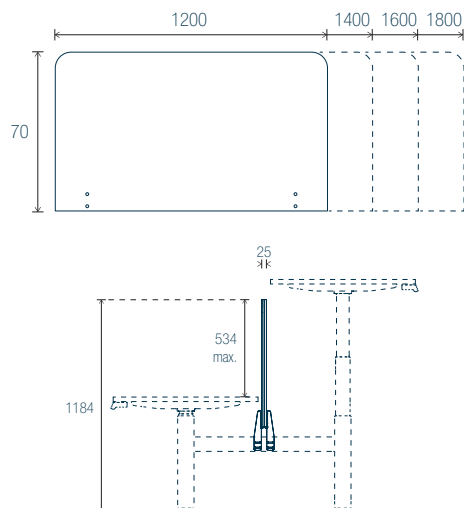
### Acoustic

#### Electric and eelectric version



### Non-acoustic

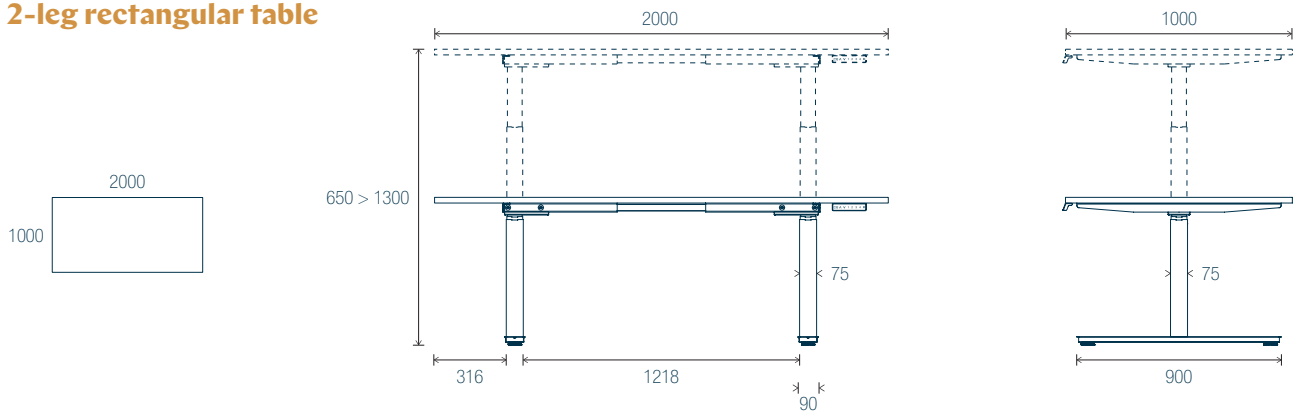
#### Only for electric version



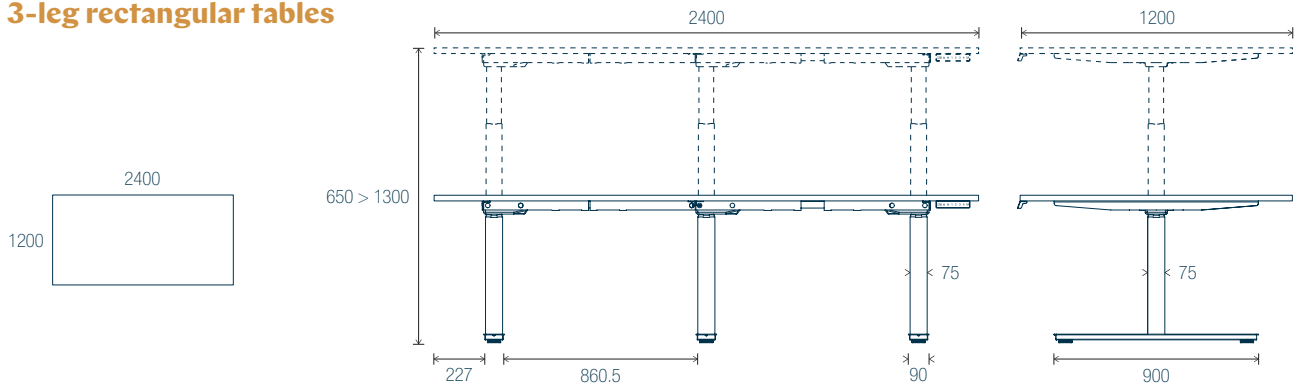


### Meeting table - Only for electric version

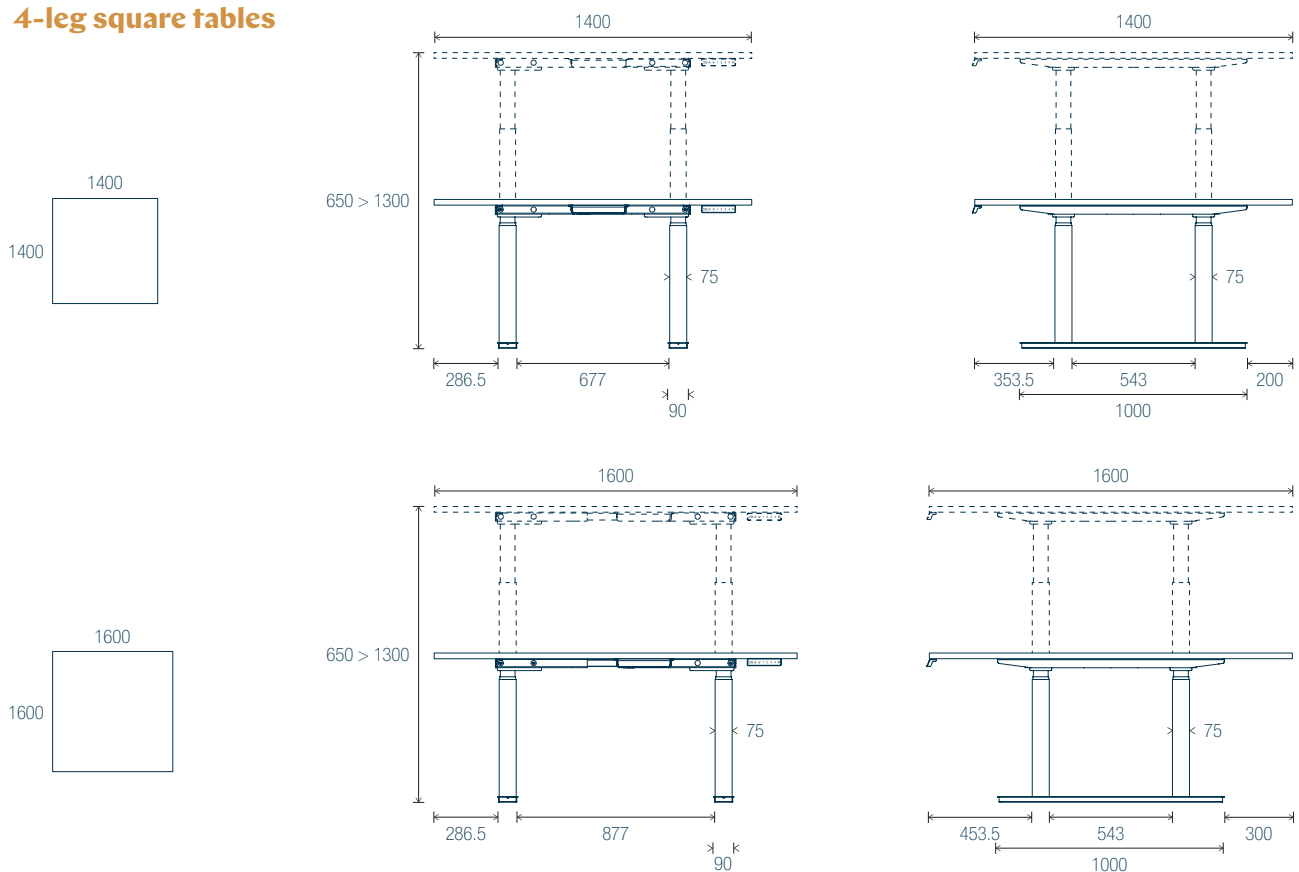
#### 2-leg rectangular table



#### 3-leg rectangular tables

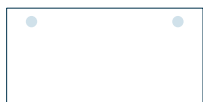


#### 4-leg square tables



**Connectique**

## 25 mm thick worktops - Desks



› **For cable ports Ø 80 mm:**

- 2 pre-drilled openings for cable ports (cable ports sold separately)



› **Scalloped edge:**

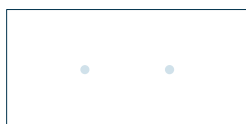
- Centred recess, D. 80 mm



› **Opening for a soft-closing top-access module:**

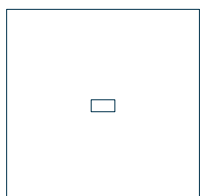
- Pre-drilled opening for a one-way top-access module W. 240 x D. 120 mm (top-access module must be ordered separately)
- Single-compartment metal cable trough included, in same finish as desk legs

## Worktops (thk 25 mm) – Meeting tables



› **For cable ports Ø 80 mm:**

- 2 or 4 pre-drilled openings for cable ports (number of openings depends on table size; cable ports sold separately)



› **For a dual-hinged top-access module:**

- Pre-drilled opening for a dual-hinged top-access module W. 316 x D. 148 mm (top-access module sold separately)
- Single-compartment metal cable trough included, in same finish as legs

Full details of our power  
and cable management  
solutions are available

Click here >





Wood

Melamine

Thick 25 mm

Worktops

Double-sided anti-reflective coating	✓
Finishes	All
MK Black velvet finish Matt, highly resistant to fingerprints/smudging: High-quality multi-layer coating	✓
Shock-resistant, with rounded edges <sup>(1)</sup>	✓
Antibacterial (except MK Black velvet)	✓
Density <sup>(2)</sup>	600 > 670 kg/m <sup>3</sup>
PEFC (sourced from sustainably managed forests)	✓
E05 certified (compliant with standard NF EN 717)	✓
Fire rating (compliant with standard EN 13501-1)	Rating M3 (EUROCLASS D-S2, d0) for all finishes; rating M2 for White MG.
Average % from recycled materials (pre- and post-consumer)	68%. Shades R3, M9, N9, MK, N7 and N8 are Cradle to Cradle Certified.
% recyclability	100%
Cleaning	Wipe with a damp cloth and soapy water (soft lint-free cloth for Black velvet MK). Do not use abrasive products or detergents.

(1) Edge banding in matching finish to worktops, except for N8 worktops (specific plywood edging) - ABS edge banding thk 2 mm

(2) Density: Tolerance +/- 10%

**Fabric**
**Bondaï - Cat. A**

Composition	Weight	Abrasion resistance	Light fastness	Fastness to rubbing	Flammability	Environment
100% polyester	350 g/ml (lm) 250 g/m <sup>2</sup> ±5%	150 000 EN ISO 12947-2	6 EN ISO 105-B02	4-5 EN ISO 105 x 12 Wet/Dry	EN 1021 - 1&2 BS 7176 BS 5852 Crib5	STANDARD 100 by OEKO-TEX®

**Chili - Cat. B**

Composition	Weight	Abrasion resistance	Light fastness	Fastness to rubbing	Flammability	Environment
100% flame-retardant post-consumer recycled polyester (FR inside fibres)	470 g/ml (lm) (15.16 oz / lin yd)	60 000 EN ISO 12947-2	5-8 EN ISO 105-B02	4-5 EN ISO 105 x 12 Wet/Dry	EN 1021 - 1&2 NFP 92-503/504/505 M1 NF D 60-013 AM18 BS 7176 BS 5852 Crib 5 DIN 4102 B1 EN 13501	STANDARD 100 by OEKO-TEX® 100% recycled fabric Low emission of VOC

**Step / Step Mélange - Cat. B**

Composition	Weight	Abrasion resistance	Light fastness	Fastness to rubbing	Flammability	Environment
100% trevira® CS	470 g/m <sup>2</sup> (15.16 oz / lin yd)	100 000 EN ISO 12947-2	5-7 EN ISO 105-B02	4-5 EN ISO 105 x 12 Wet/Dry	EN 1021 - 1&2 NFP 92-503/504/505 M1 NF D 60-013 AM18 BS 7176 BS 5852 Crib 5 DIN 4102 B1 EN 13501	STANDARD 100 by OEKO-TEX® EU Ecolabel Non-metallic dyestuffs Low emission of VOC

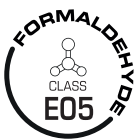
**Fenice - Cat. D**

Composition	Weight	Abrasion resistance	Light fastness	Fastness to rubbing	Flammability	Environment
75% wool 25% PA	335 g/m <sup>2</sup> ±7% 500 g/ml (lm) ±7%	100 000 ±20% EN ISO 5470-2	6 ±1% EN ISO 105-B02	4-5 EN ISO 105 x 12 Wet/Dry	EN 1021 - 1&2 BS 5852 Crib 5 CLASS 1 IM CALIFORNIA TB 117	Recyclable fabric





**PEFC** is the world's leading forest certification system and largest source of eco-certified forest products.



An **E05 rating** corresponds to a maximum of 0.062 mg/m<sup>3</sup> or a limit of 0.05 ppm and comply with standard **NF EN 717** and is the most stringent of the ratings authorised in France for furniture and construction materials



**Antibacterial surface.** Guaranteed on all melamine worktops except MK Black velvet finish



All the components of the desk (top, structure & legs, motor, power supply unit & control unit) are **guaranteed for 5 years**



**87%** of this range is made from recycled materials



EUROPEAN  
OFFICE  
FURNITURE  
MANUFACTURER



#### PARIS

1 rue des Céréales - Bât 112 - 93200 **SAINT DENIS** - Tél : +33 (0)1 49 35 60 00

#### NIEUWEGEIN

Symfonielaan 1 3438 EW **Nieuwegein**, Nederland - Tel : +31 (0)6 823 62 118

#### BRUXELLES

81, Chaussée de Nivelles - 1420 **Braine-l'Alleud** - Tél : +32 (0)2 894 99 80

[eol-group.net](http://eol-group.net)