

eModel 3.0

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Technical

description



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EMODEL 3.0
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PREVIOUS VIEW

Technical description

1. Desks

1.1. Table top

Fixed and sliding table tops – finish options: melamine faced chipboard (MFC), thickness 25 mm, 2 mm edge in glue technology as standard, or laser edge as an option. 3 mm edge in glue technology available as an option. Available table top shapes: rectangular and double wave.

Note: dedicated horizontal metal wire trunking in the colour of the base is an integral part of desks with sliding table top.

1.2. Base

T-legs with electric height adjustment –

three-segment angular columns made of steel profile – dimensions: 70 × 70 mm, 60 × 60 mm, 50 × 50 mm, from bottom to top respectively. Each column is equipped with a drive connected with control box. Available plug standards: European (EU), British (GB), and Swiss (CH).

Control panels for height adjustment:

- up & down button,
- control panel with display, touch pad and memory function (4 positions), as an option.

Anti-Collision function (with external gyro sensor) – while moving part of the desk (table top) hits an obstacle, table top stops and reverses to safe position. Function available as standard.

Options common to all types of bases

Foot types:

- foot EM2 (rounded end),
 - foot EM3 (tapering off with rounded end).
- Available feet are equipped with levelling glides, levelling in range of 10 mm – as standard or with Ø 75 mm castors, two with brakes – available as an option for base with fixed table tops and electric height adjustment.

Fixed frame – welded frame for sliding table tops, screwed frame for fixed table tops.

Desk base divider – recommended to use for safety reasons, when making linear or bock arrangement of two or more desks. Distance between table tops 25 mm.

Note: not applicable to desks with castors.
Finish options: powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015).

1.3. Assembly and packaging

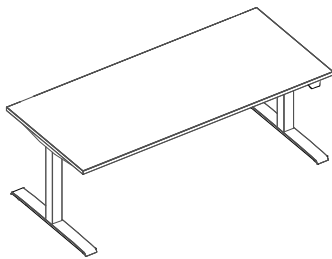
Unassembled, cardboard packaging

(PACK-UA) – frame assembled to table top, other elements for assembly.

Note: accessories (such as media port, panel, wire trunking) are separately packed in boxes.

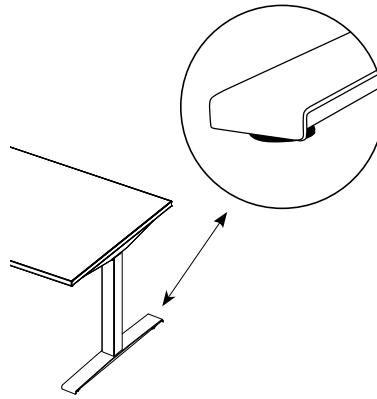
1.4. Product range

Base

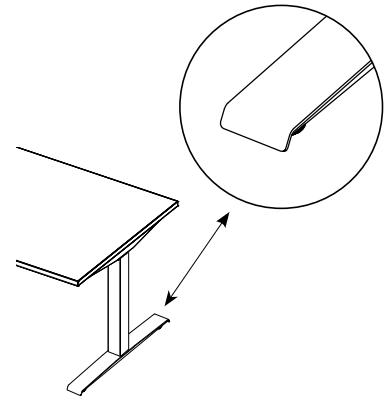


T-legs with electric height adjustment

Foot



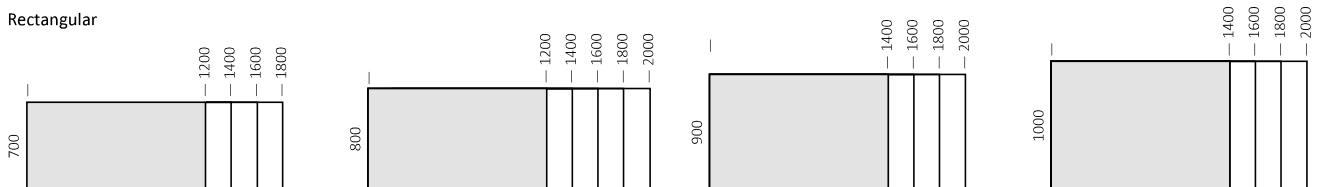
Foot EM2



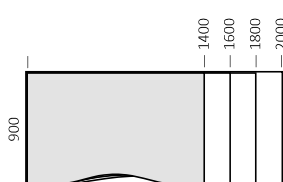
Foot EM3

Table tops

Rectangular



Double wave



2. Workbenches

2.1. Table top

Fixed or sliding table tops – finish options: melamine faced chipboard (MFC), thickness 25 mm, with 2 mm edge in glue technology as standard, or laser edge as an option. 3 mm edge in glue technology available as an option.

Available table top shapes – rectangular in wide range of dimensions. Grommets and media ports (in various types and configurations) are an integral part of product and do not need to be ordered separately – available as an option.

Note: dedicated horizontal metal wire trunkings in the colour of the base are an integral part of workbenches with sliding table tops.

2.2. Base

H-legs with electric height adjustment – three-segment angular columns made of steel profile – dimensions: 70 × 70 mm, 60 × 60 mm, 50 × 50 mm from bottom to top respectively, equipped with adapters and levelling glides, levelling in range of 10 mm. Columns are connected to a crossbeam, made of steel profile 60 × 60 mm with a clamp. Each column is equipped with a drive connected with control box. Available plug standards: European (EU), British (GB) and Swiss (CH).

Control panels for height adjustment:

- up & down button,
- control panel with display, touch pad and memory function (4 positions), as an option.

Anti-Collision function – (with external gyro sensor) while moving part of the desk (table top) hits an obstacle, table top stops and reverses to safe position. Function available as standard.

Fixed frame – welded frame for sliding table tops, screwed frame for fixed table tops.

Workbench base divider – recommended to use for safety reasons, when making linear arrangement of two or more workbenches with height adjustment. Distance between table tops: 25 mm.

Finish options: powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015).

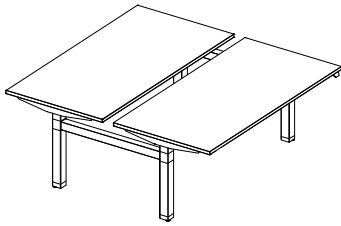
2.3. Assembly and packaging

Unassembled, cardboard packaging (PACK-UA) frame assembled to table top, other elements for assembly.

Note: accessories (such as media port, panel, wire trunking) are separately packed in boxes.

2.4. Product range

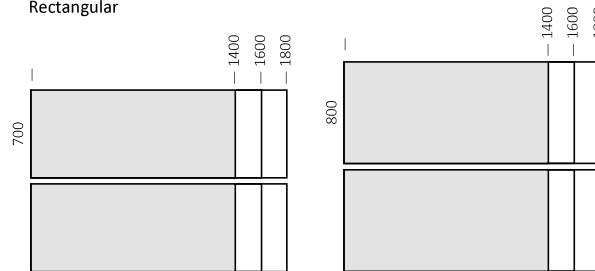
Base



H-legs with electric height adjustment

Table tops

Rectangular



Technical description

| | Adjustment range (mm) | | |
|--|---|--|------------------------------|
| | Desks on T-legs base (foot EM2, EM3 – on glides) | Desks on T-legs base (foot EM2, EM3 – on castors) | Workbenches on H-leg base |
| Electric height adjustment for 25 mm table top | 650–1310 | 720–1370 | 650–1310 |

| | Adjustment range (mm) | |
|--|--|---|
| | Conference table on T-legs base (foot EM2, EM3 on glides) | Conference table on T-legs base (foot EM2, EM3 on castors) |
| Electric height adjustment for 25 mm table top | 650–1310 | 720–1370 |

Technical parameters (applicable to base with electric height adjustment):

- Anti-Collision technology with gyro sensor,
- protection against overheating,
- smooth start & stop,
- smooth up & down movement,
- speed 38 mm / s,
- noise < 42 dB,
- power consumption in standby mode < 0,1 W,
- load capacity 100 kg per table top / two columns,
- maximum stroke 660 mm,
- direct current drive power supply.

3. Meeting tables

3.1. Table top

Fixed table tops – made of melamine faced chipboard (MFC), thickness 25 mm, 2 mm edge in glue technology as standard, or laser edge as an option. 3 mm edge in glue technology available as an option.

Available table tops shapes: barrel – dimensions: 1600, 1800, 2000 mm × 800/900 mm.

Grommets and media ports (in various types and configurations) are an integral part of product and do not need to be ordered separately – available as an option.

3.2. Base

T-legs with electric height adjustment –

three-segment angular columns made of steel profile – dimensions: 70 × 70 mm, 60 × 60 mm, 50 × 50 mm, from bottom to top respectively. Each column is equipped with a drive connected with control box. Available plug standards: European (EU), British (GB), and Swiss (CH).

Control panels for height adjustment:

- up & down button as standard,
- control panel with display, touch pad and memory function (for 4 positions), as an option.

Anti-Collision function (with external gyro sensor) – while moving part of the desk (table top) hits an obstacle, table top stops and reverses to safe position. Function available as standard.

Foot types:

- foot EM2 (rounded end),
 - foot EM3 (tapering off with rounded end).
- Available feet are equipped with levelling glides, levelling in range of 10 mm – as standard or with Ø 75 mm castors, two with brakes – available as an option.

Fixed frame – screwed.

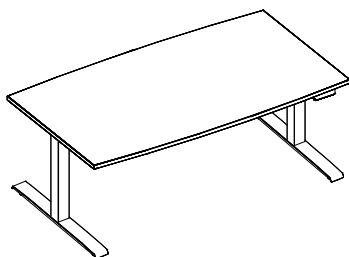
Finish options: powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015).

3.3 Assembly and packaging

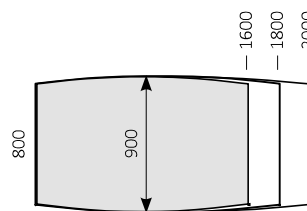
Unassembled, cardboard packaging (PACK-UA) – frame assembled to table top, other elements for assembly.

Note: accessories (such as media port, wire trunking) are separately packed in boxes.

3.4. Product range



T-legs base with electric height adjustment



Barrel-shape table top

5. Grommets and media ports

Grommets – made of plastic in aluminium (AU), white (W) or black (B) colour. Dedicated to all types of table tops for desks, workbenches and conference tables.

Grommet dimensions: 90 × 90 mm.

Cut out dimensions: Ø 80 mm.

Rectangular outlet with brush – made of aluminium powder-coated in aluminium (AL), white (WH) or black (BL) colour. Dedicated to desks on T-legs base, workbenches and conference tables.

Outlet dimensions: 300 × 130 mm.

Cut out dimensions: 280 × 110 mm.

Media ports – Power Frame 3M (included).

Note: more details in grommets and media ports positioning are available in matrix below.

5.1. Grommets and media ports for desks on T-legs base and workbenches

Media ports available for fixed table tops only.

| Grommets and media ports position | | | |
|-----------------------------------|---------------------------|--|---------------------------|
| | Plastic grommet Ø 80 (QC) | Metal rectangular cable outlet with brush (QE) | Media port Power Frame 3M |
| | QC-④ | QE-③ | YD009-⑧-③ |
| Left | | | |
| | QC-④/0/0 | QE-③/0/0 | YD009-⑧-③/0/0 |
| Middle | | | |
| | 0/QC-④/0 | QE-③/0 | 0/YD009-⑧-③/0 |
| Right | | | |
| | 0/0/QC-④ | 0/0/QE-③ | 0/0/YD009-⑧-③ |

③ – Please specify metal colour code for rectangular cable outlet with brush (QE):
 – WH – white
 – AL – aluminium
 – BL – black

④ – Please specify plastic colour code for grommet Ø 80 (QC):
 – W – white
 – AU – aluminium
 – B – black

⑧ – Please specify media port standard:
 – CH13, FR, GB, GE

for media port Power Frame 3M (YD009):

- WH – white
- BL – black
- GA – grey aluminium

Technical description

| | | Grommets and media ports position | | |
|---------------|-----------|-----------------------------------|--|---------------------------|
| | | Plastic grommet Ø 80 (QC) | Metal rectangular cable outlet with brush (QE) | Media port Power Frame 3M |
| | | QC-④ | QE-③ | YD009-⑧-③ |
| Left + middle | QC-④ | | | |
| | | QC-④/QC-④/0 | QE-③/QC-④/0 | YD009-⑧-③/QC-④/0 |
| | QE-③ | | | |
| | | QC-④/QE-③/0 | QE-③/QE-③/0 | YD009-⑧-③/QE-③/0 |
| | YD009-⑧-③ | | | / |
| | | QC-④/YD009-⑧-③/0 | QE-③/YD009-⑧-③/0 | |
| Left + right | QC-④ | | | |
| | | QC-④/0/QC-④ | QE-③/0/QC-④ | YD009-⑧-③/0/QC-④ |
| | QE-③ | | | |
| | | QC-④/0/QE-③ | QE-③/0/QE-③ | YD009-⑧-③/0/QE-③ |
| | YD009-⑧-③ | | | / |
| | | QC-④/0/YD009-⑧-③ | QE-③/0/YD009-⑧-③ | |

③ – Please specify metal colour code for rectangular cable outlet with brush (QE):
 – WH – white
 – AL – aluminium
 – BL – black

④ – Please specify plastic colour code for grommet Ø 80 (QC):
 – W – white
 – AU – aluminium
 – B – black

⑧ – Please specify media port standard:
 – CH13, FR, GB, GE

for media port Power Frame 3M (YD009):
 – WH – white
 – BL – black
 – GA – grey aluminium

| | | Grommets and media ports position | | |
|-----------------------|-----------|-----------------------------------|--|---------------------------|
| | | Plastic grommet Ø 80 (QC) | Metal rectangular cable outlet with brush (QE) | Media port Power Frame 3M |
| | | QC-④ | QE-③ | YD009-⑧-③ |
| Middle + right | QC-④ | | | |
| | | 0/QC-④/QC-④ | 0/QE-③/QC-④ | 0/YD009-⑧-③/QC-④ |
| | QE-③ | | | |
| | | | | 0/YD009-⑧-③/QE-③ |
| Left + middle + right | YD009-⑧-③ | | | |
| | | 0/QC-④/YD009-⑧-③ | 0/QE-③/YD009-⑧-③ | |
| Left + middle + right | QC-④ | | | |
| | | QC-④/QC-④/QC-④ | | |

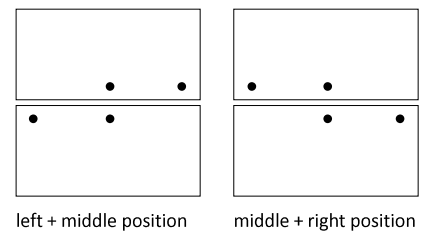
- ③ – Please specify metal colour code for rectangular cable outlet with brush (QE):
- WH – white
 - AL – aluminium
 - BL – black

- ④ – Please specify plastic colour code for grommet Ø 80 (QC):
- W – white
 - AU – aluminium
 - B – black

- ⑧ – Please specify media port standard:
- CH13, FR, GB, GE

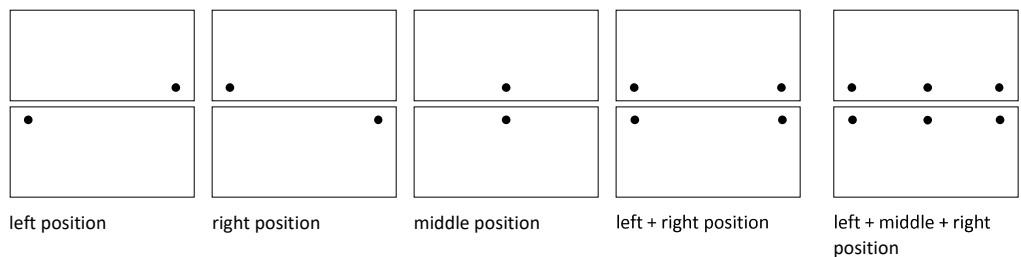
for media port Power Frame 3M (YD009):

- WH – white
- BL – black
- GA – grey aluminium



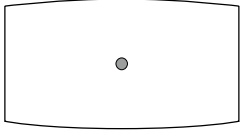
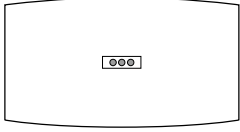
Position examples: for round outlets, rectangular outlets and media ports in workbenches table tops.

Note: each presented positioning always from the user's side.



Technical description

5.2. Grommets and media ports for conference tables, barrel table top

| | | Grommets and media ports position |
|---------------------------|-----------|--|
| Plastic grommet Ø 80 (QC) | QC-④ |  0/QC-④/0 |
| Media port Power Frame 3M | YD009-⑧-③ |  YD009-⑧-③/0 |

③ – Please specify metal colour code for rectangular cable outlet with brush (QE):
 – WH – white
 – AL – aluminium
 – BL – black

④ – Please specify plastic colour code for grommet Ø 80 (QC):
 – W – white
 – AU – aluminium
 – B – black

⑧ – Please specify media port standard:
 – CH13, FR, GB, GE

6. Panels

6.1. Panels for desks on T-legs base

One-piece, upholstered – structure made of wooden frame and soft fibreboard, covered with fabric cover, pinnable. Panel thickness 32 mm, height 890 mm, edges rounded at 40 mm radius. Assembly with metal brackets to desk legs. Simultaneous assembly of vertical wire trunking with magnet and one-piece panel is not possible. **Brackets finish options** – powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015). **Panel types** – one-side assembly (for single desk), two-sides assembly (for two desks simultaneously).

Modesty, board – made of melamine faced chipboard (MFC), thickness 18 mm, edge in glue technology. Assembly with metal brackets pulled over table top edge.

Brackets finish options – powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015). Available shapes – rectangular or with edges rounded at 40 mm radius.

Modesty, upholstered – structure made of chipboard, thickness 16 mm, upholstered, edges rounded at 40 mm radius. Assembly with metal brackets pulled over table top edge.

Brackets finish options – powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015).

Upper, upholstered – structure made of 8 mm raw chipboard with 8 mm soft fibreboard on both sides, with fabric cover upholstery, pinnable. Panel thickness 24 mm, upper edges rounded at 50 mm radius. Assembly with metal brackets pulled over table top edge. Upholstered panel is placed in U-shape brackets, and can be easily removed.

Brackets finish options – powder-coated in: White Aluminium (RAL 9006), Jet Black (RAL 9005), Traffic White (RAL 9016), Slate Grey (RAL7015).

Upper, felt – made of thermoformed felt in light or dark grey colour with acoustic properties. Panel thickness 24 mm, upper edges rounded at 40 mm radius. Assembly with metal brackets pulled over table top edge. Felt panel is placed in U-shape brackets, and can be easily removed.

Brackets finish options – powder-coated in: White Aluminium (RAL 9006), Jet Black (RAL 9005), Traffic White (RAL 9016), Slate Grey (RAL7015).

Note: simultaneous assembly of modesty and upper panel is not possible.

8.3. Workbench panels (high or low) – structure made of wooden frame and soft fibreboard, covered with fabric cover, pinnable. Panel thickness 32 mm, edges rounded at 40 mm radius. Assembly with metal brackets to workbench crossbeam.

Brackets finish options – powder-coated in: White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015).

Panel types:

- high (height 700 mm),
- low (height 490 mm).

7. Cable management

Horizontal wire trunkings for desks on T-legs base and workbenches

Foldable on one side – made of metal sheet, thickness 1 mm, powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015), Slate Grey (RAL7015) colour. Wire trunking includes holes for integration with vertical wire trunking, flexible modular. Fixing directly to fixed table top with dedicated plastic brackets.

Foldable on both sides – made of metal sheet, thickness 1 mm, powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010) colour. Wire trunking includes holes for integration with vertical wire trunking, flexible modular. Fixing directly to fixed table top or to brackets of sliding table top with dedicated plastic brackets.

Shared – (dedicated to workbenches) – made of steel sheet, thickness 1 mm, with metal cover, powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015) colour. Fixing directly to crossbeam, dedicated to workbench widths.

Vertical wire trunkings

Flexible spring – made of plastic in alu, black colour or transparent. Fixing directly to fixed table top.

Flexible modular – made of plastic in alu, black or white colour. Fixing to fixed table top with plastic brackets or to horizontal wire trunking.

Flexible modular with magnet – (dedicated to desks on T-legs) – upper part made of plastic in alu, black or white colour. Bottom part made of powder-coated steel powder-coated in White Aluminium (RAL 9006), Jet Black (RAL 9005), Pure White (RAL 9010), Slate Grey (RAL7015) colour. Upper part fixing to fixed table top and bottom part fixing to desk leg via magnetic tape.

Simultaneous assembly of vertical wire trunking with magnet and one-piece panel is not possible.

Upholstered – made of fabric, zipped with zip. Fixing directly to fixed table top with plastic connectors. Available wire trunking in 38 mm diameter and 1500 mm length.

Flexible modular shared (dedicated to workbenches) – made of plastic in alu, black or white colour. Set consists of three elements.

Two upper elements fixed directly to table top, connected to horizontal shared wire trunking.

Bottom part assembled to shared horizontal wire trunking.

8. Technical regulations, certificates and quality marks (for selected product configurations)

TÜV Safety Certificate – GS mark – norm EN 527–1, EN 527–2.