Neo

technical

Neo Desking System

—

The Neo Collection is a sit-stand system promoting movement in the workplace. Both functional and aesthetic, Neo features height-adjustability, supporting connectivity between people and encouraging flexible ways of working.

All Neo workstations are equipped with anti-collision technology, a safety feature to avoid property damage while height is being adjusted.

Neo's modular design, engineering and material selection is based on Schiavello's environmental design principals to reduce environmental impact.
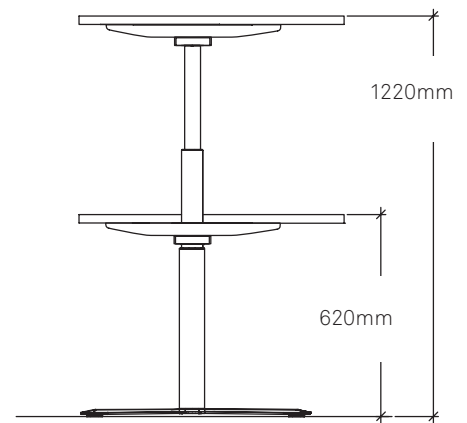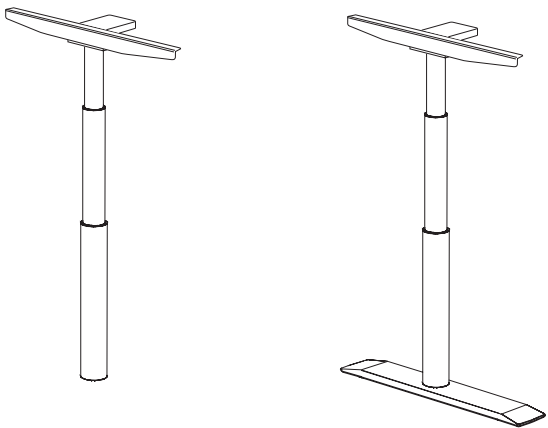
Contents

DESK BASES /
FOOT, LEG & HEIGHT ADJUSTABLE OPTIONS, DESK CONFIGURATIONS
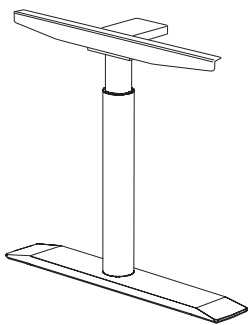
Neo Leg Options

Dual Stage Height Ajustable Legs 620–1220mm

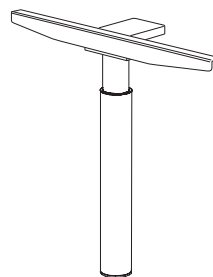Adjustable leg with mid foot. Specify left or right hand

1220mm

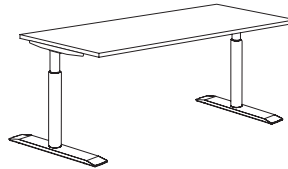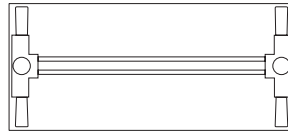620mm

Height Adjustable Options
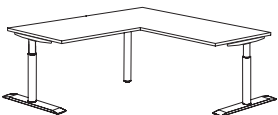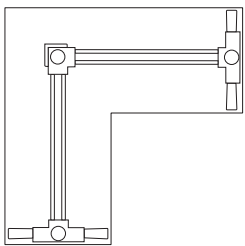
Center foot 700mm

Column Leg

Standard Desk Configuration

Standard Neo desk configurations are shown below.
Each example has the correct foot and top castings.
Electricals, panels, modesty panels,cable trays and
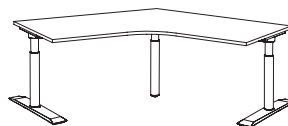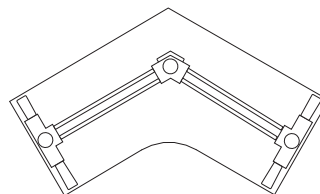other accessories need to be specified to complete
the workstation.

Rectilinear desk

90° Workstation with 1 piece top

120° Workstation

DESK BASES & BRIDGES /
TECHNICIAN, MECHANICAL, FLA, ELECTRONIC, CAST BRIDGES, END & SHARED TOP CASTINGS

Bridges & Electronic Height Adjustment

When desks are back to back, a connecting bridge completes the unique H-Leg frame. This design eliminates the need for supporting feet which results in less clutter beneath the desk and greater usable storage space, along with a clean open aesthetic. The bridge can also act as a panel and cable tray support.

Neo cast bridges come in two lengths. A full bridge 723mm long is used for back to back applications and a half bridge of 349mm is for individual workstation use. Bridges come as a pass through to support cable trays. (see page 20 for the full range of bridges)

Electronic Height Adjustment - EA
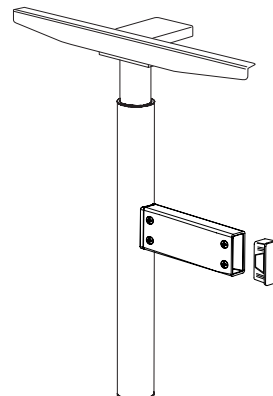(touch switch adjustment)
(measurments based on a 25mm worksurface)
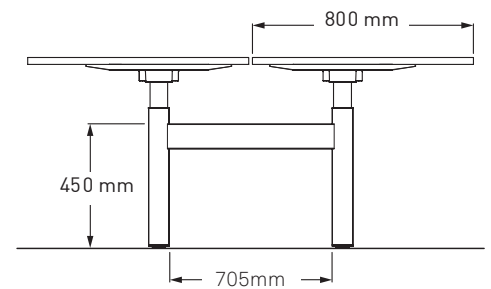
Fabricated Bridge Mounting

Full Fabricated Bridge 723mm
Cast bridges attach to both legs
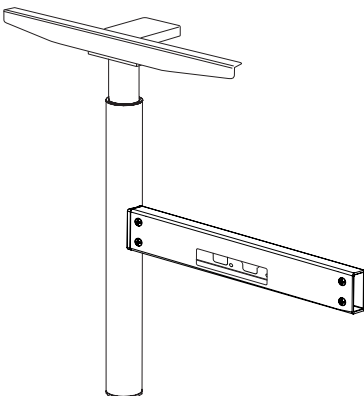
Half Fabricated Bridge 349mm & End Cap
Cast bridge attach to one leg only

BRIDGE CLUSTERS /
RECTILINEAR DESKS,
120° WORKSTATIONS, 90° WORKSTATIONS

Standard Bridged Clusters

Rectilinear Desks

Rectilinear Desks
Maximum worktop size 2100mm x 800mm B2B only
Each worksurface is individually supported.

Possible overhangs shown for each width on page 9.
All desks are either fixed height or height adjustable
and each desk is independently height adjustable in
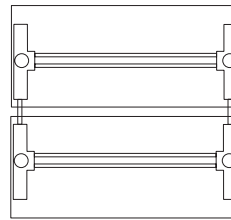any mode. Suitable with all leg types.

90° Two Way Workstation
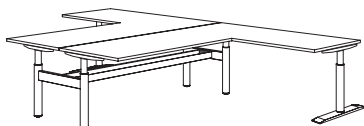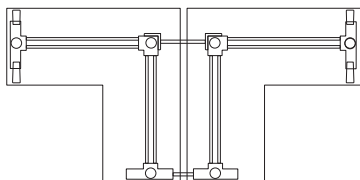One piece Worktop top. Possible overhangs shown
for each width on page 5.

120° Three Way Workstation
One piece Worktop top. Possible overhangs shown
for each width on page 5. Three way center junction,
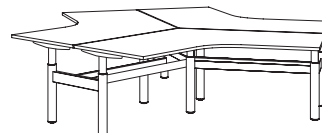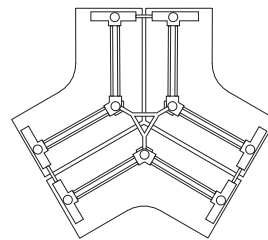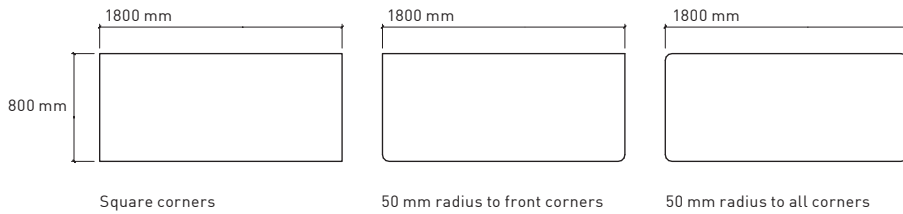see page 20 for details.

90° Two Way Workstation

120° Three Way Workstation (standard)

WORKTOPS /
STANDARD WORKTOPS AND OVERHANGS
CORNER & EDGE OPTIONS

Corner & Edge Finish Options

Corner Finish Options
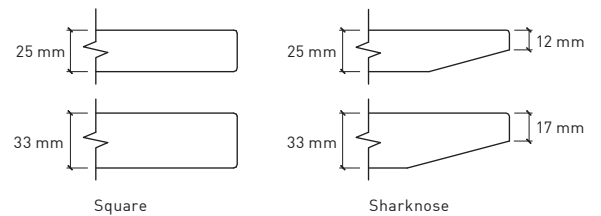
1800 mm
800 mm
Square corners

1800 mm
50 mm radius to front corners

1800 mm
50 mm radius to all corners

Edge Options

25 mm
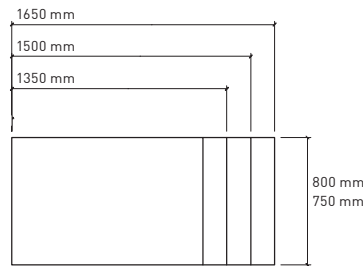33 mm
Square

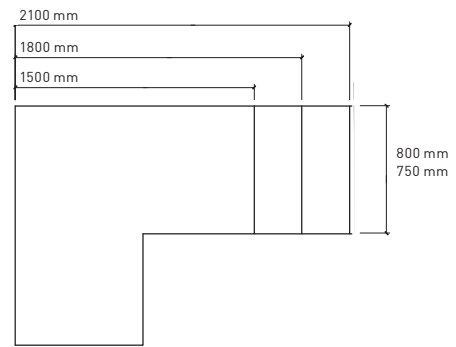25 mm — 12 mm
33 mm — 17 mm
Sharknose

Standard Worktops

Standard worktops can be specified 25 mm or 33 mm thick with square or soft rounded corners (50 mm radius). (Note: Minimum and Maximum hights increase by 8mm with a 33mm top)

Available finishes include selected laminates and timber veneers in a range of colours, from the Schiavello ColourLab range. Custom edge profiles and finishes are also available upon request, offering vast design possibilities.
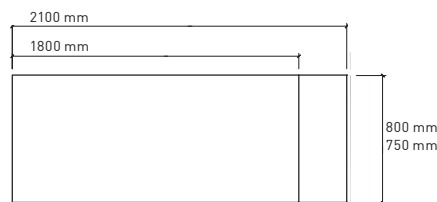
Rectilinear

1650 mm
1500 mm
1350 mm
800 mm
750 mm

90°

2100 mm
1800 mm
1500 mm
800 mm
750 mm

Back-to-back Worktops

Rectilinear

2100 mm
1800 mm
800 mm
750 mm

120°

1800 mm
1650 mm
1500 mm
1350 mm
1200 mm
800 mm
750 mm

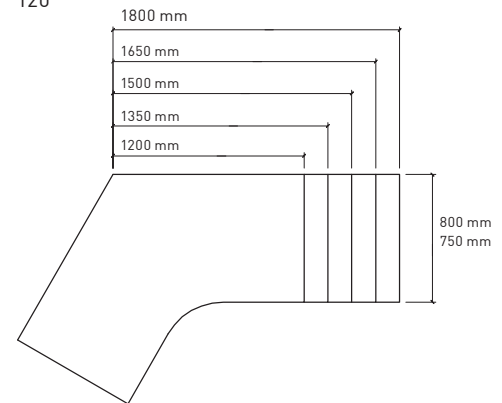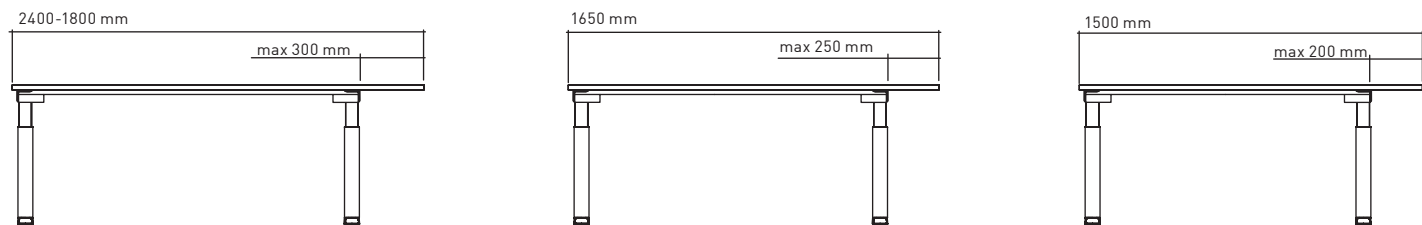### Worktop Overhangs

Desk legs can be positioned to allow a worktop end overhang. This creates a clear space below for placement of a pedestal or other large items.
The maximum overhang for a 25 mm thick top is illustrated below.

2400-1800 mm
max 300 mm

1650 mm
max 250 mm

1500 mm
max 200 mm

PANEL CLAMP / CABLE RETICULATION / BRIDGES
BRIDGE PANEL CLAMP BRACKET, CABLE TRAY

Cast Bridge Panel Clamp

The Neo bridge panel clamp bracket is a powder coated bracket designed for use with panels from 12mm–45mm thick. Bridge mounted panels are not height adjustable and their length must span from bridge to bridge. Only compatible with cast bridges. Bridge panel clamp brackets can be used to mount panels on all leg types.

1220mm H panel

900mm H panel

600mm H panel
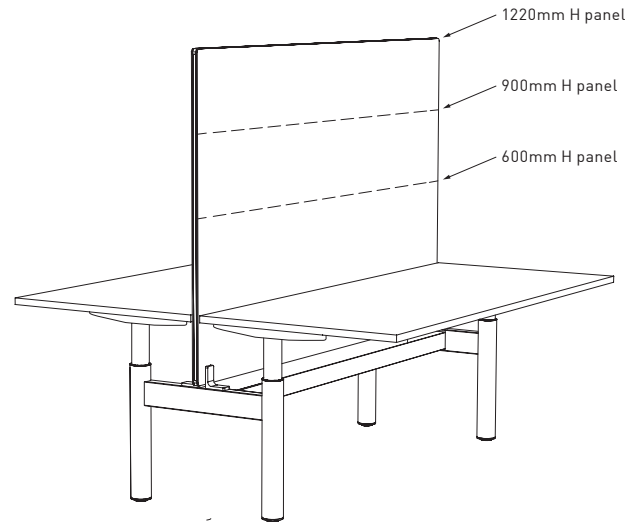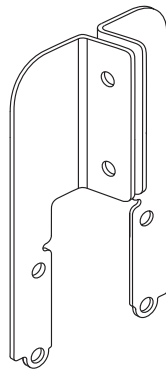
Cable Trays & Bridge Specification

Bridges come in two styles, machined and solid:

Pass through bridges allow cables to be fed through them. A centre bridge joiner is then added to connect the two trays and fill the space between the two pass through bridges.

End bridges are used at the end of a run to seal off the cable tray.

Pass Through Bridges

Center Bridge Join

Inner Pass Through Bridge

End Cap

Outer Pass Through Bridge

6
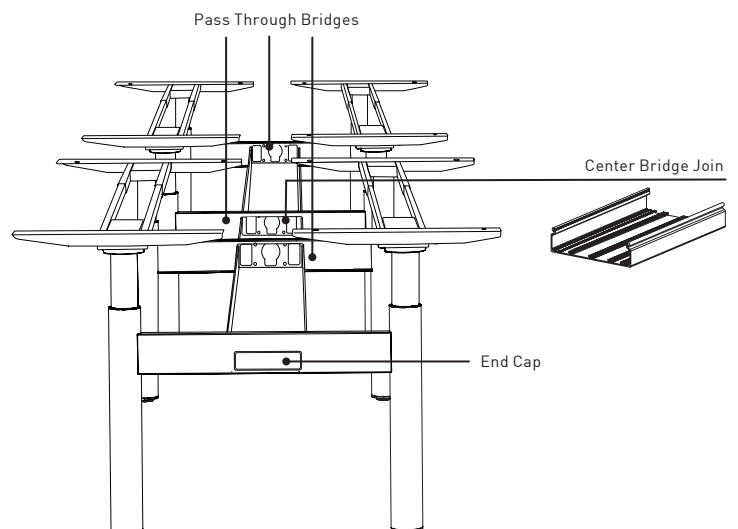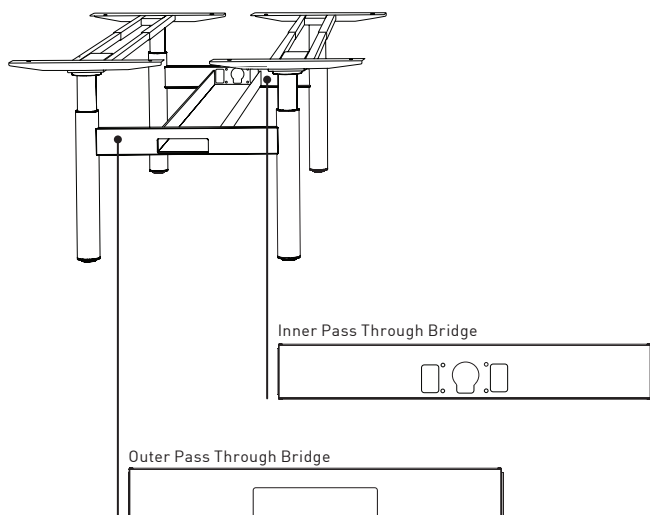
CABLE RETICULATION /
CABLE & DOCKING TRAYS

Cable Tray

Neo desking offers optional cable trays that can mount off a
single desk or between bridges. Cables can enter trays from
power poles, power blades, umbilicals, wall or floor connections.
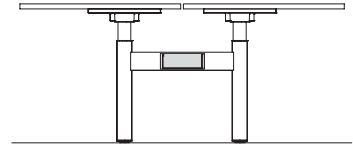
Docking Tray

Docking trays are a multi channel powder coated steel tray available in
3 Lengths, 500, 600 and 800mm. The trays mount to the underside of the
worksurface. The base of the tray is designed to fit with Schiavello "letcic"
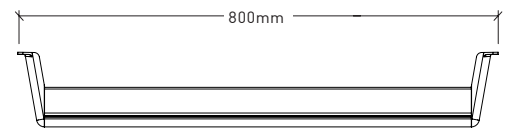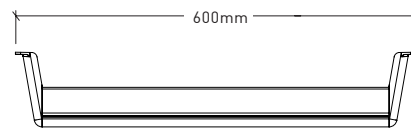click connecter fittings for easy access. Optional to have a lock mounted
gate for added security. Contact Schiavello for full details. Finish in
standard Schiavello powder coat range.

Open Lid

500mm

600mm

800mm

140mm

230mm

180mm
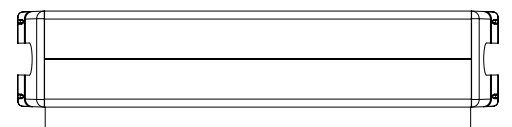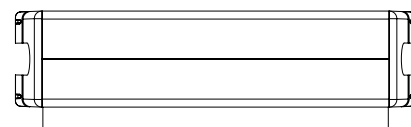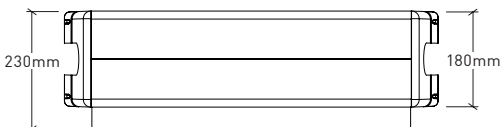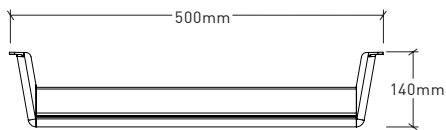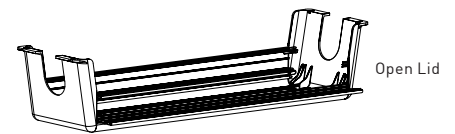
ALUMINIUM TRAYS /
TRAYS & CLIP ON COVER

Click Cable Tray with Clip on Cover

Click cable trays are available in a single or double channel and feature a clip on modular covers. The trays mount between Neo bridges and can have a range of cutouts allowing for umbilicals, power and data to be accomodated.

Contact Schiavello for the full range of sizes and configurations. Finished in a metal powder coat from the Schiavello ColourLab range.

Cable Tray
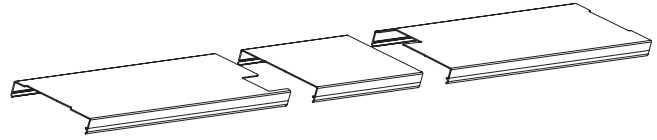
Rectangle Design
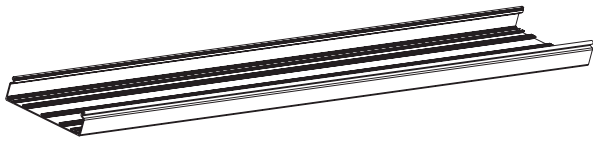
Assembly Design

Two Part Lid
Cable Tray Lid with sock cut-out

Three Part Lid
Cable Tray Lid with Vide Panel and sock cut-out

Two Part Lid
Cable Tray Lid with Vide Panel

CABLE RETICULATION /
POWER BLADES, UMBILICAL, TECHNOLOGY COLUMN
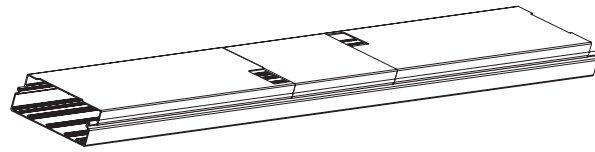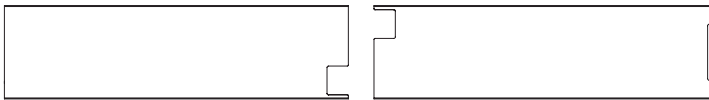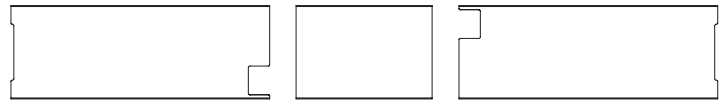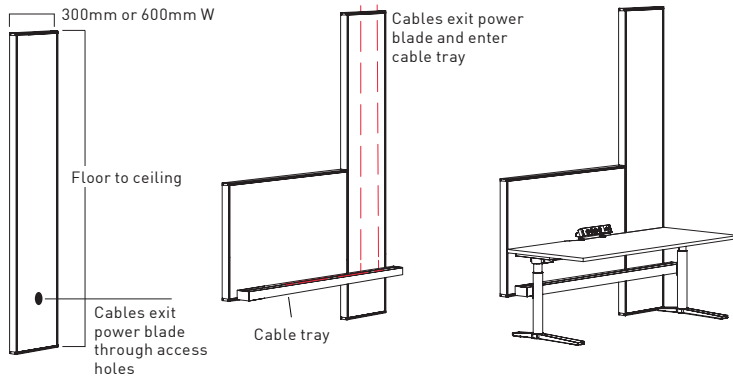## & INLINE VERTICAL DUCT

Cable Reticulation E45

E45 ducted panels offer a number of cable routing options that complement Neo desking. They can be combined to satisfy specific requirements while always providing easy access and efficient cable management throughout entire layouts. Cables can be routed to panels from ceiling, walls or floors by utilising umbilicals, power blades, power poles or the inline duct.

Power Blades

Access from ceiling or floor. Lengths to order. Specify required length and colour.

300mm or 600mm W

Cables exit power blade and enter cable tray

Floor to ceiling

Cables exit power blade through access holes

Cable tray

Umbilical

The umbilical feeds cabling to the cable tray from ceilings or floors. Specify required length and colour. Height as required.
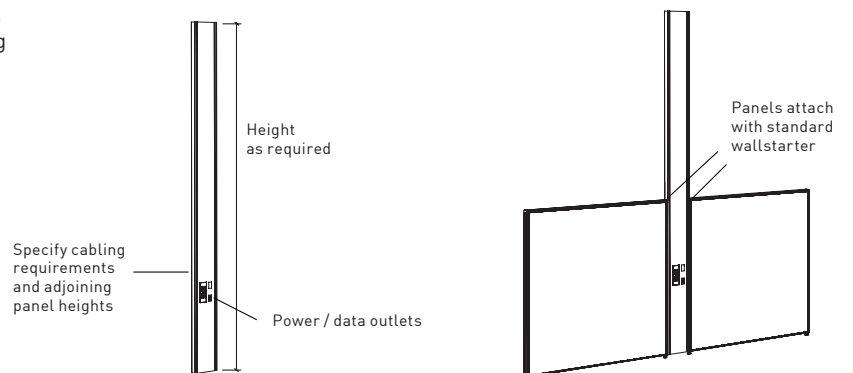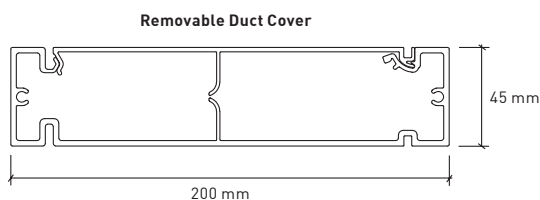

Umbilical

Cable tray
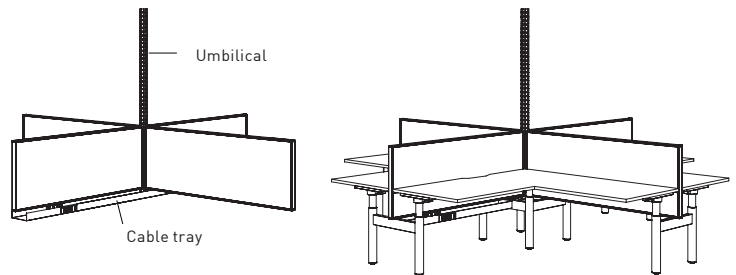
Technology Column

120° Lettric Technology Column with umbilical above. Technology Column is available in Schiavello ColourLab powder coat range. Please see the Lettric Technology Column technical manual for full details of sizing and outlet configurations.

Umbilical

Technology column
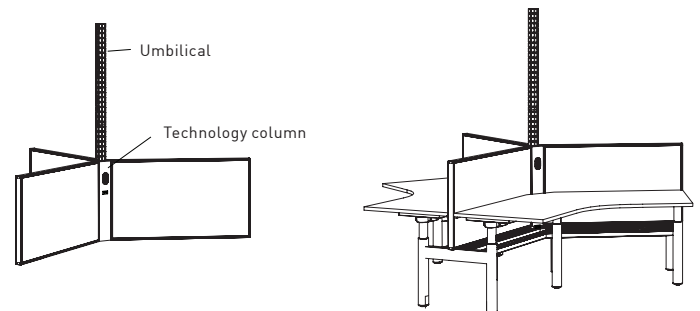
Inline Vertical Dcuts

Direct access via removable duct cover. Power and data cabling can be accessed via ceilings, floors and skirtings. Service outlets visible, mounted to duct face. Please specify cabling requirements, adjoining panels and ceiling heights.


Removable Duct Cover

45 mm

200 mm

Height as required

Panels attach with standard wallstarter

Specify cabling requirements and adjoining panel heights

Power / data outlets

LETTRIC SOFT WIRING SYSTEM /
IN-DESK, BELOW DESK, ABOVE DESK,
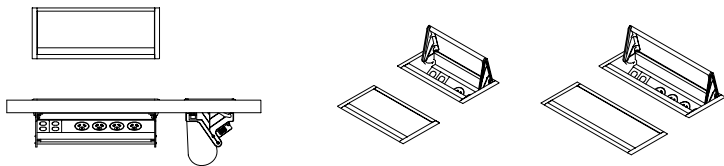# OUTLET HOUSING & INTEGRATED FLIP LID

Lettric Soft Wiring System

*Please see Lettric Softwiring Catalogue for a comprehensive list of products.
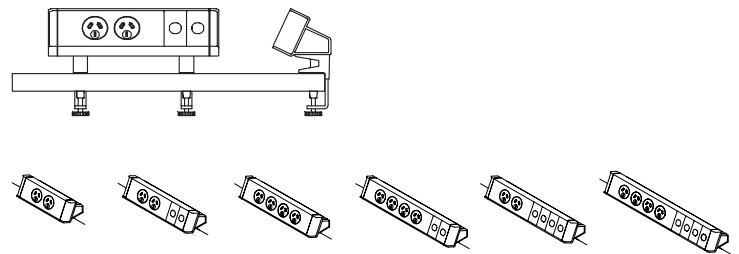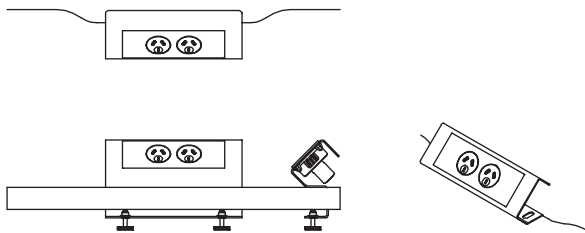
In-Desk Service Module
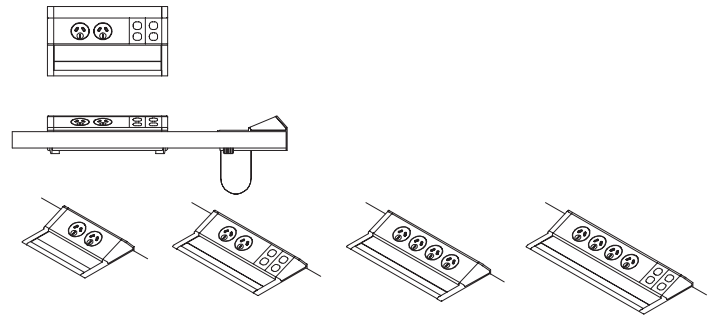
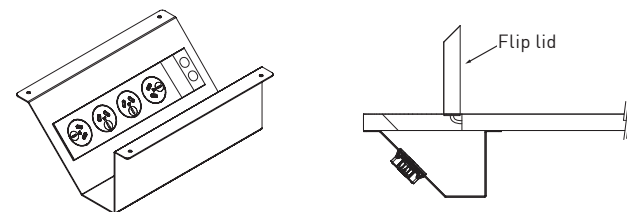Below Desk Service Module

Above Desk Service Module

Outlet Housing Module*

Intergrated Flip Lid

Uses a flip lid with cutout

Flip lid

LETTRIC SOFT WIRING SYSTEM /
CONNECTORS, TILES, POWER MODULES
& EXCESS CABLES

Lettric Soft Wiring System

Schiavello's Lettric Soft Wiring System delivers power and lighting to workstations. The system is easily connected, disconnected or relocated without the need to isolate power and with minimal inconvenience. All connections within systems are protected by a positive lock mechanism to prevent accidental power disconnection.

There are numerous outlet combinations available for each option. Refer to **Schiavello Lettric Soft Wiring Brochure*** for complete product information and technical specification.
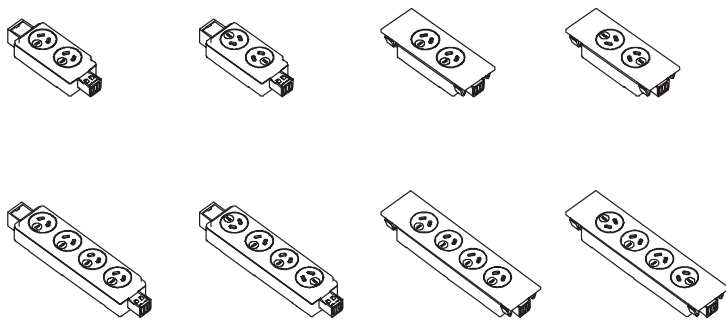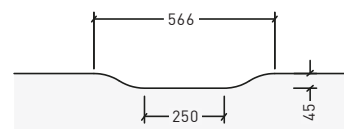
Soft Wiring Connectors*
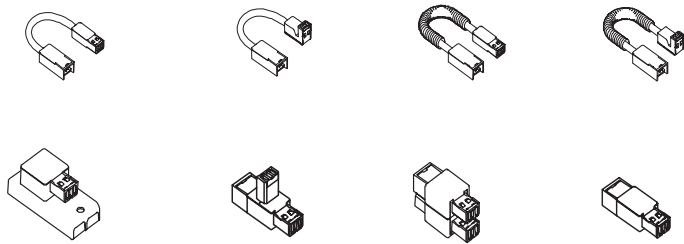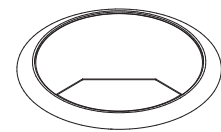

Tiles*
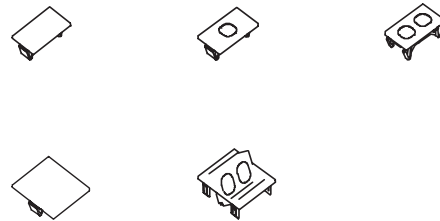
Power Modules*

Excess Cables*

Excess Cables can be taken off the desk with either a cutout or a cable port. Must be specified with the work surface.


Standard Cutout

60mm Cable Port

DESK ACCESSORIES /
BAG HOOK & PANEL LOCKING GUIDE

Bag Hook

The bag hook can swing out from under the workstation edge, extending out to suspend handbags, laptop bags and other items.

The cast aluminium bag hook is offered in black or white powder coat and can attach to any area under a workstation top. Made of 3 castings that allow a 180° rotation of the hook tongue, the bag hook can hold up to 20kg.

63

44

100

40

180 degree
movement
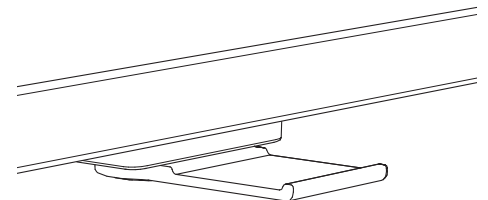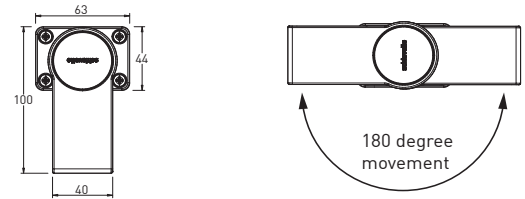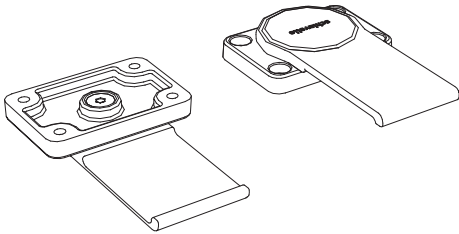
Panel Locking Guide

The panel locking guide slides into the vertical transom of System 30, 45 and E45 panels and is then screwed to the underside of the work surface.

The panel locking guide ties the work surface to the panel while still allowing the work surface to travel up and down.
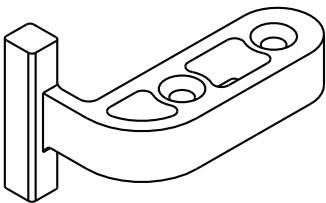
PRODUCT SPECIFICATION /
GENERAL, CONSTRUCTION, FINISHES, ACCESSORIES & WARRANTY

General

Neo is a fully refined office desking system manufactured by Schiavello. The system is modular, beam based with a broad range of applications.

These include:

- Ergonomic rectilinear office desking and workstations available in both conventional and bridged clusters

NEO is only available as height adjustable with adjustment options to suit sit as well as sit to stand applications. Tested for strength, durability, stability, function and ergonomics.

Height Adjustable

Neo is available in a height adjustable options only that can be infinitely varied within the particular adjustment range:

- Electronically adjustable - power adjustment for multi user requirements
- Standard sit height adjustment range
- Sit to stand height adjustment range: 620mm–1220mm

Cable Reticulation

The system includes optional clip-on segregated cable reticulation trays and a selection of service outlet modules and soft wiring connections. Also included are integrated components that provide efficient means of routing services cabling to the cable trays from the ceiling, walls or floor, for example, power blades, umbilicals and power poles. The softwiring electrical system is Schiavello Lettric, certified to Australian Standard AS/NZS 3131.

Divisional Screens

Neo is compatible with Schiavello System 18, System 30, System 45, System 70, E45 and Vide divisional screens and includes a complete range of panels.

Finishes

All aluminium is powder coated to Australian Standard AS 3715-2002 in Schiavello ColourLab colours black and white. All metal components are powder coated to Australian standard AS4506 2005 in a range of Schiavello ColourLab ColourLab colours black and white.

Worktops

Standard worktops can be specified 25mm or 33mm thick with square or soft rounded corners (50mm radius). Available finishes include selected laminates and timber veneers. Custom edge profiles and finishes are also available upon request, offering vast design possibilities.

Sustainability

Neo is manufactured in accordance with international environmental standards: ISO 14001. All components are either reusable or recyclable. NEO is GECA certified to a level B Fuiniture and Fittings Standard.

Warranty

Neo is covered by a minimum five year warranty against faulty materials and workmanship. This includes a guarantee to all standard parts, components and service for a period of no less than 5 years from date of installation.

schiavello.com/furniture/products/worksta-
tions/neo-workstation

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