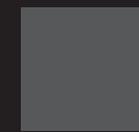# Krossi

technical

Krossi Desking System

—

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

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

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

Contents

DESK BASES /
LEG, FOOT & HEIGHT ADJUSTABLE OPTIONS,
TOP CASTINGS, TOE PADS & ROLLER BALLS

Each leg type accommodates varying requirements, offering maximum convenience based upon frequency of adjustment. Height ranges vary with the leg type. All Krossi legs are available in the Schiavello ColourLab range of metal powder coats.

All legs come standard with Toe Pads fitted. Roller Balls are available upon request for foot leg options only. Roller balls are not available on column legs.
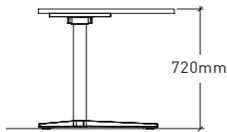
Height Adjustable Options
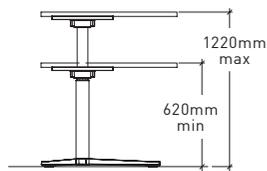SINGLE STAGE AND DUAL STAGE LEGS ONLY
Technician height adjustment - without HEX -TA (Each leg adjusts individually with a tool). Mechanical height adjustment mec (Each leg adjusts individually with a tool) Technician height adjustment - with HEX - TAH (All legs connected, single adjustment point requiring tool, no handle) Electronic height adjustment EA (Touch switch activated)
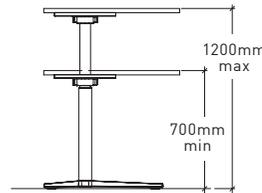
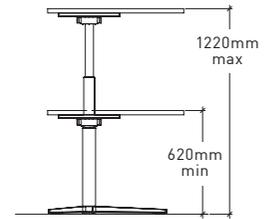**Krossi Leg Options**

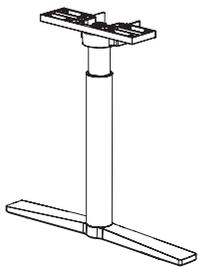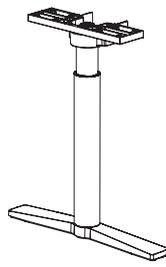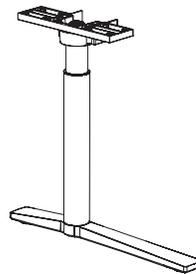| Fixed Height 720mm with rear foot	Single Stage Type A 620–925mm adjustable leg with rear foot	Single Stage Type B 700–1200mm adjustable leg with rear foot	Single Stage 620–1200mm adjustable leg with rear foot

720mm

1220mm max / 620mm min

1200mm max / 700mm min

1220mm max / 620mm min

Foot Options

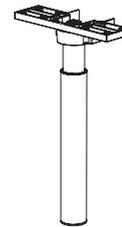| Centre Foot 700mm	Centre Foot 580mm	Rear Foot 700mm	Column Leg

Shown on single stage legs with end top castings, compatible with all leg types. The standard desk types shown on page 04 have the relevant foot and top castings included.

Various different foot and top castings can be applied to Krossi legs, these include: mid leg with 700mm centre foot, mid leg with 580mm centre foot, L/H or R/H leg with 700mm rear foot, column legs.
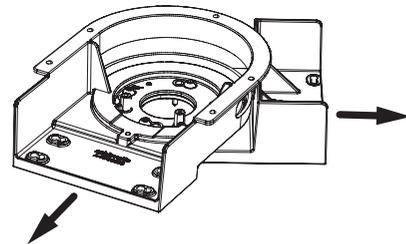
Top Casting

Krossi aluminium top castings are strong and light. They come in a range of different configurations allowing for different desk layouts. The standard desk types shown on page 4 have the relevant foot and top castings included. Top Castings (All legs): end, shared, 120°,90°, 90-270° adjustable.
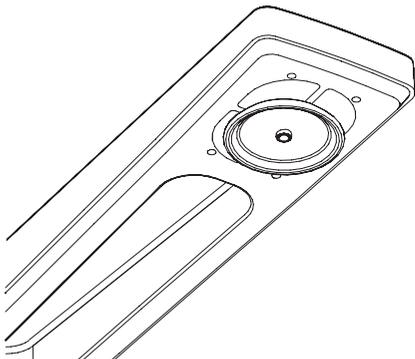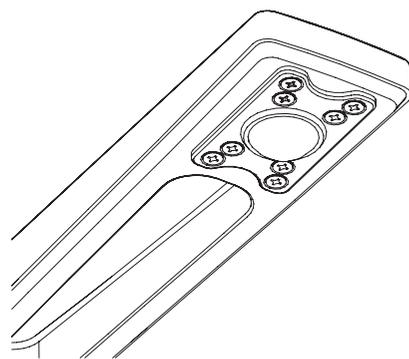
End Casting
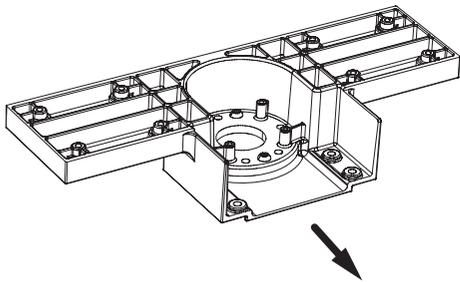
90–270° Adjustable

**Toe Pad & Roller Ball**

Toe Pad

Roller Blade

DESK BASES /
## STANDARD DESK CONFIGURATIONS

Standard Desk Configurations

Standard Krossi desk configurations are shown below. Each example has the correct foot and top castings. Electrical, panels, modesty panels,cable trays and other accessories need to be specified to complete the workstation. All configurations are available to all leg types shown below with single stage legs. Leg type must be specified.

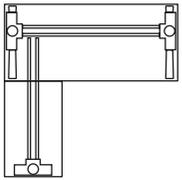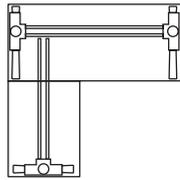Enhanced Worktop
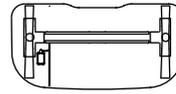
Rectilinear Desk
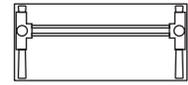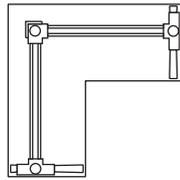
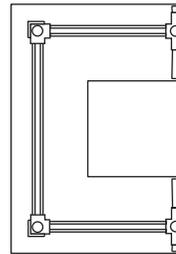90º Workstation with narrow return and 2 piece tops

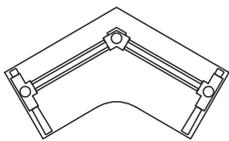90º Workstation with deep return and 2 piece tops
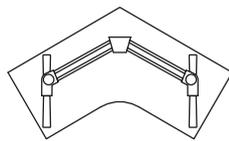
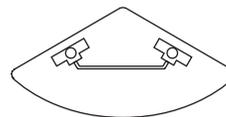90º Workstation with 1 piece top
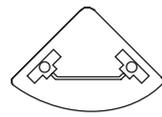
'U' configuration

120° Workstation

120° Workstation two leg

120° Bridged cluster

90° Bridged cluster

DESK BASES & BRIDGES /
TECHNICIAN & MECHANICAL,
FLA, ELECTRONIC & FABRICATED BRIDGE

Technician Height Adjustment (without HEX) - TA

Each leg adjusts individually with a tool. Measurements based on a 25mm work surface. Specify leg type at time of order.

Standard adjustment ranges:

Single stage type A: 610–900mm
Single stage type B: 700–1050mm
Dual stage: 610–1200mm

Manual Height Adjustment - UA

Single wind up handle. Measurments based on a 25mm work surface. Specify leg type at time of order.

Standard adjustment ranges:

Single stage type A: 610–900mm
Single stage type B: 700–1050mm
Dual stage: 610–1200mm

Electronic Height Adjustment - EA

Touch switch adjustment. Measurments based on a 25mm work surface. Specify leg type at time of order.
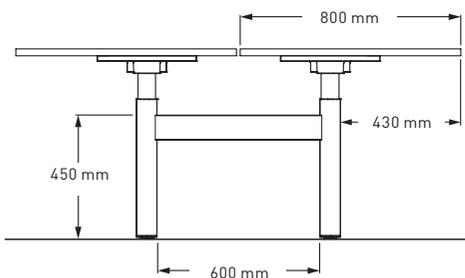
Standard adjustment ranges:

Single stage type A: 610–900mm
Single stage type B: 700–1050mm
Dual stage: 610–1200mm

Mechanical Height Adjustment - MEC

Each leg adjusts individually with a tool. Measurments based on a 25mm work surface. Specify leg type at time of order.

Standard adjustment ranges:
Single stage type A: 610–900mm
Single stage type B: 700–1050mm
Dual stage: 610–1200mm

Technician Height Adjustment (with HEX) – TAH

All legs are connected - single adjustment point requiring tool - no handle. measurments based on a 25mm work surface. Specify leg type at time of order.

Standard adjustment ranges:

Single stage type A: 610–900mm
Single stage type B: 700–1050mm
Dual stage: 610–1200mm

Fabricated Bridge

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.

Each desk in the cluster can either be fixed height or height adjustable. Height adjustable desks have options of technician, mechanical, user, FLA or electronic adjustment.

Krossi cast bridges come in two lengths. A full bridge 600mm long is used for back to back applications and a half bridge of 250mm is for individual workstation use. Bridges come as an end or pass through to support cable trays. (see page 20 for the full range of bridges)

Bridge Mounting

Full (600mm) bridges attach to both legs
Half (250mm) bridges attach to one leg only
See page 20 for the available bridges

Bridge Mounting Block

800 mm
430 mm
450 mm
600 mm
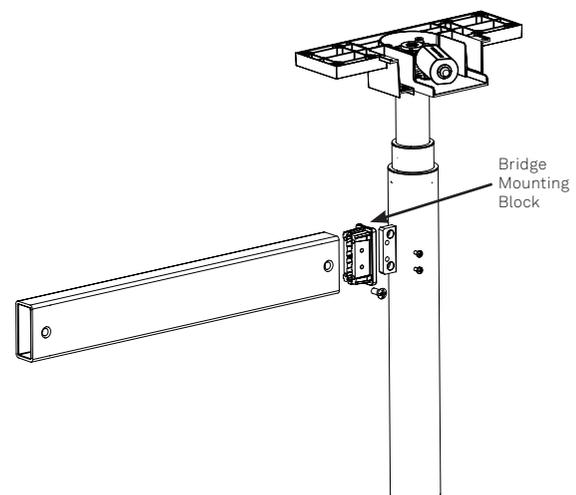
BRIDGED CLUSTERS /
RECTILINEAR DESK, 90° & 120° WORKSTATIONS
## & LARGER CLUSTERS

Rectilinear Desk

Maximum worktop size 2400mm x 800mm.
Each work surface 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.
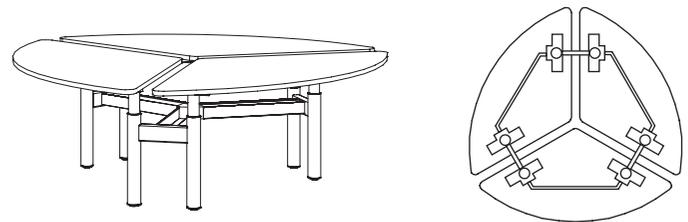
120° Three-Way Workstation (Standard)

Maximum one piece top size 1350mm x 1350mm.
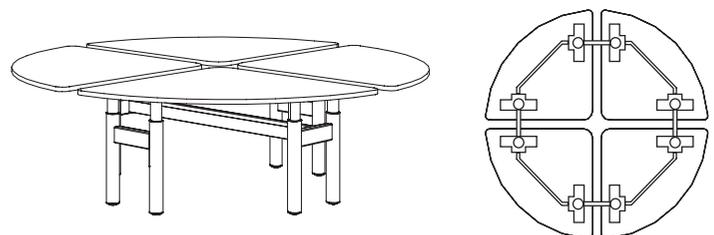Possible overhangs allowed
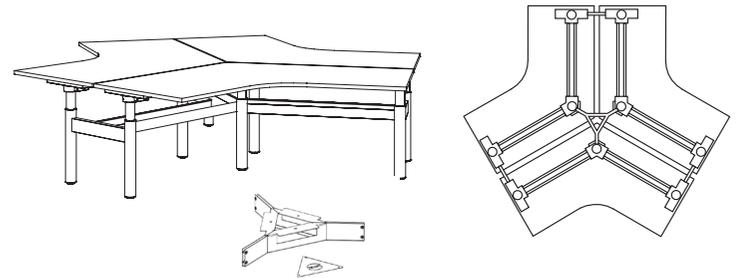
3 way centre junction.

120° Three-Way Workstation (Circular)

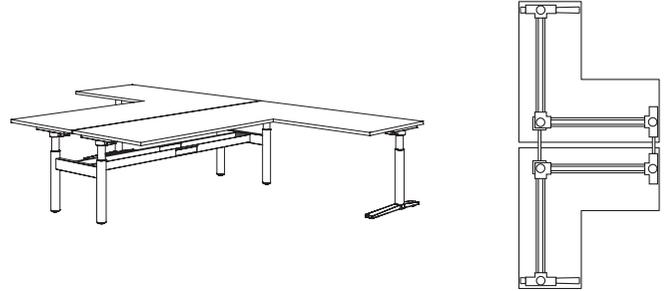Maximum one piece top size 1200mm x 1200mm.
Possible overhangs allowed

90° Four-Way Workstation (Circular)

Maximum one piece top size 1200mm x 1200mm.
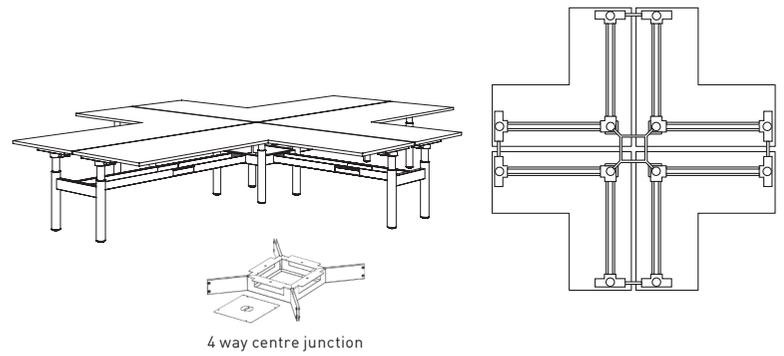Possible overhangs allowed

90° Two-Way Workstation

Maximum one piece top size 2400mm x 1800mm.
Possible overhangs allowed

90° Four-Way Workstation (Standard)

Maximum one piece top size 2400mm x 1800mm.
Possible overhangs allowed

4 way centre junction

Shared Leg

FLA and fixed height legs offer a shared leg solution. which reduces
the number of components and in turn reduces cost. With fewer legs a
cleaner less complicated visual is achieved that provides the maximum
amount of free leg space.
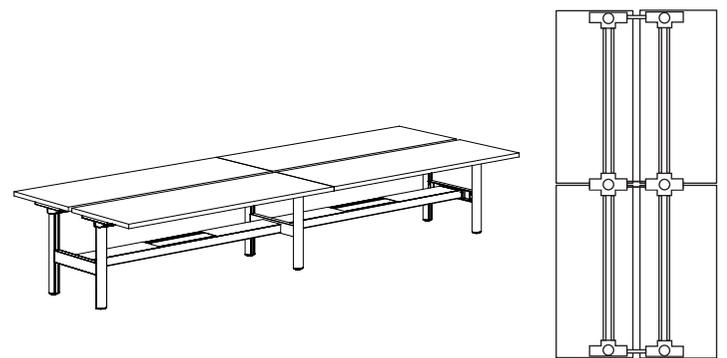
KROSSI MALLEABLE /
# 4–6 WORKSTATION CLUSTERS
& ARTICULATOR FEATURES

Back-to-Back Cluster of Four

FLA and fixed height legs offer a shared leg solution. which reduces the number of components and in turn reduces cost. With fewer legs a cleaner less complicated visual is achieved that provides the maximum amount of free leg space.
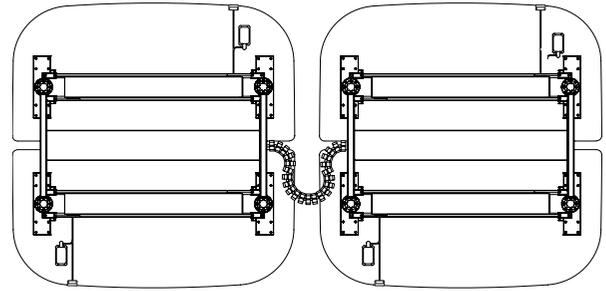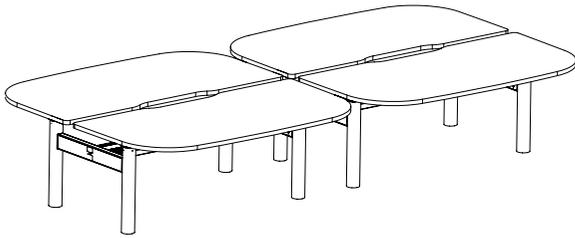

Cable Articulator Features

The horizontal Cable Articulator joins two Channel assemblies and provides a supporting conduit for both the data and power cables to travel through.
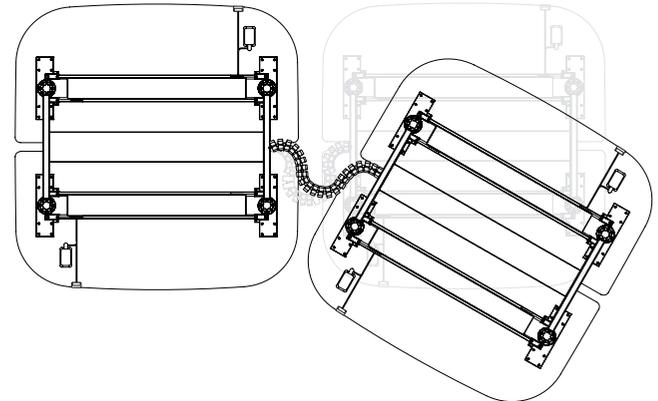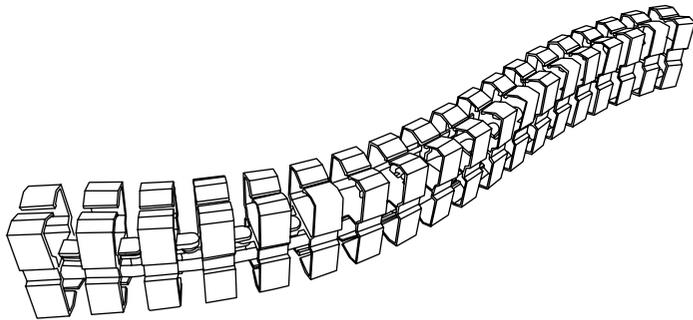

The flexible "articulation" provides the additional benefit of creating dynamic Krossi configurations. These configurations can be rapidly manipulated because the Cable Articulator can bend without structural compromise. The knuckle assembly is secured with pins which enable the dynamic Channel configurations. The Cable Articulator is made up of multiple modular components and is fixed to the Channel using a snap lock fastening which locks into the "Channel inner end cap."

85mm

85mm

830mm
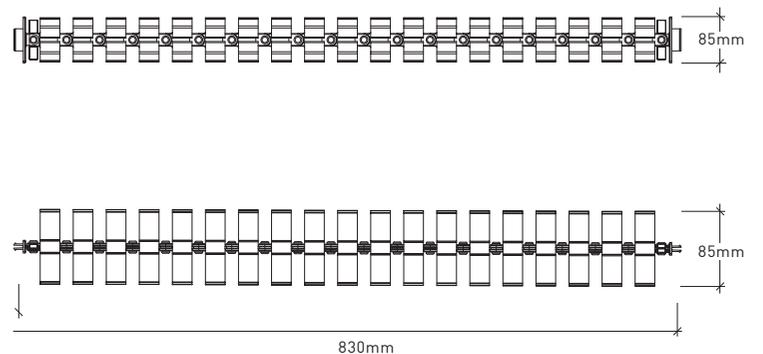
ENHANCED PANEL CLAMP & BRIDGES /
BRIDGE, PANEL CLAMP & CABLE TRAYS

Enahanced Bridge & Panel Clamp

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

1220mm high panel

900mm high panel

600mm high panel
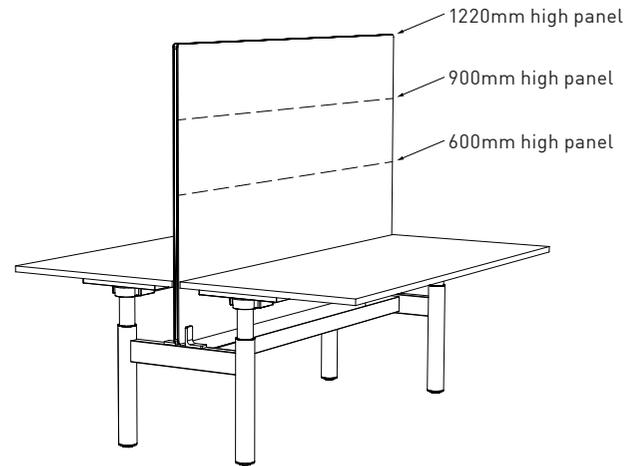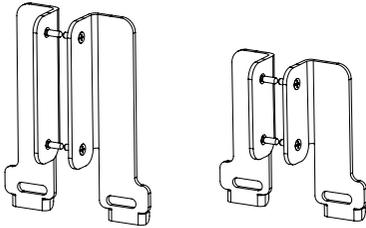
Cable Trays & Enhanced Bridges

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. Both bridges are supplied in a powder coated finish from the Schiavello ColourLab range.
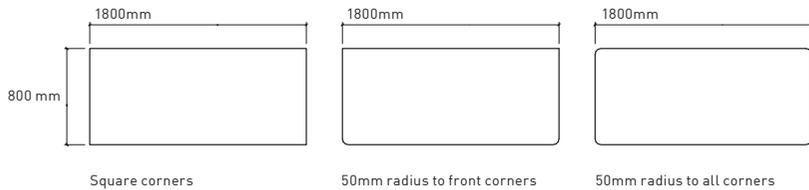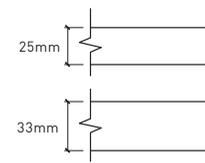
End bridge

Pass Through Bridges

Centre bridge joiner

Pass through bridge

End bridge
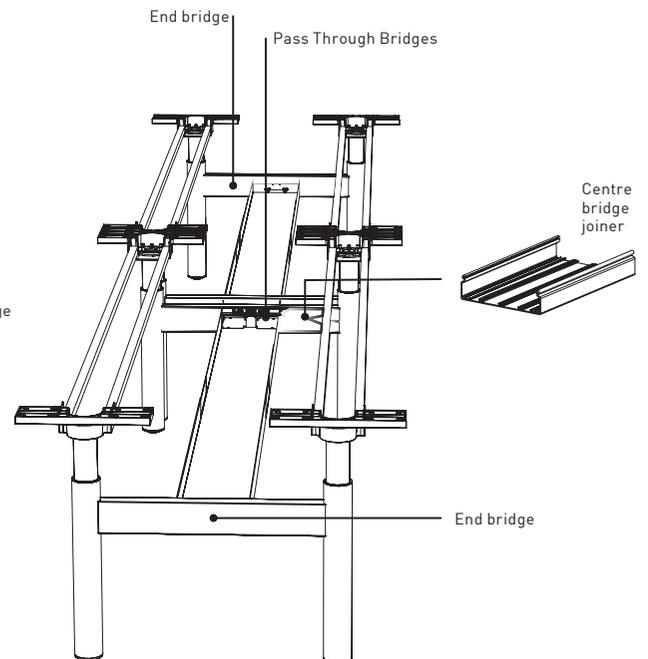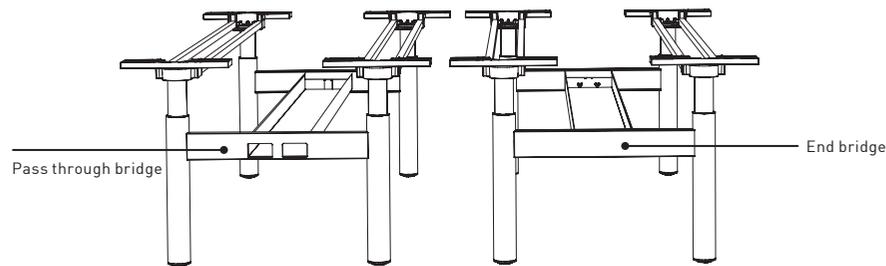
End bridge

Pass through bridge
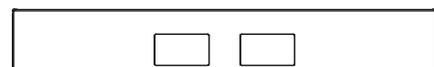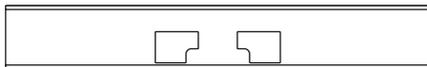
End bridge

WORKTOPS /
STANDARD WORKTOPS, OVERHANGS,
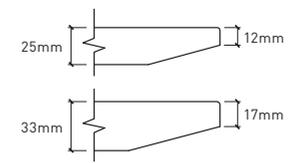## CORNER & EDGE OPTIONS

Corner & Edge Finish Options

Corner Finishes

1800mm / 800 mm

Square corners

1800mm

50mm radius to front corners

1800mm

50mm radius to all corners
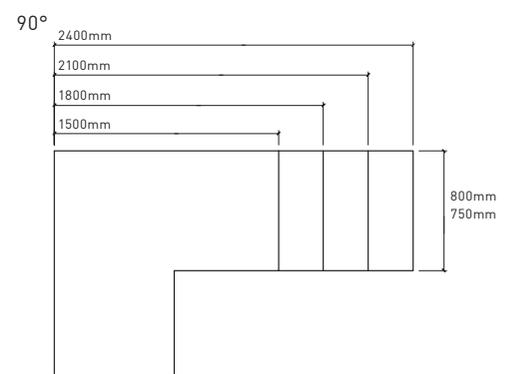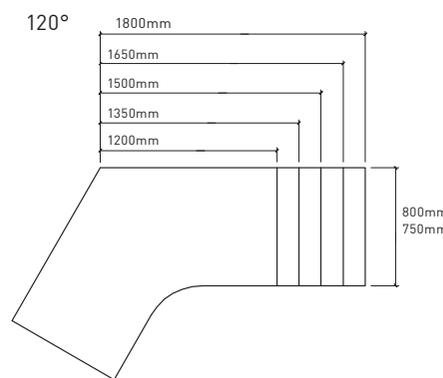
Square Edge

25mm

33mm

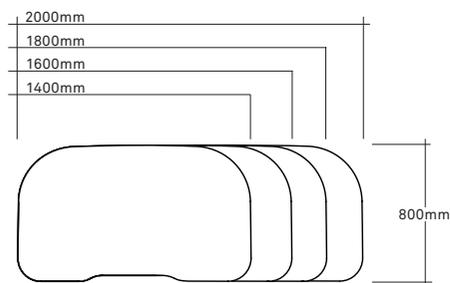Sharknose Edge

25mm — 12mm

33mm — 17mm

Standard Worktops & Back-to-back Worktops

Standard worktops can be specified 25mm or 33mm thick with square or soft rounded corners (50mm radius). (Note: Minimum and Maximum heights increase by 8mm with a 33mm top)
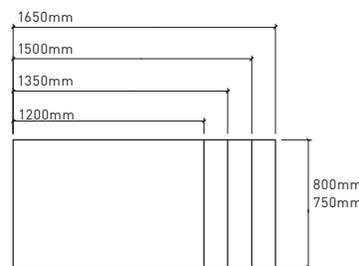
Available finishes include selected laminates and timber veneers in a range of colours, from the Schiavello ColourLab range. Custom edge profiles and finishes are also available upon request, offering vast design possibilities.
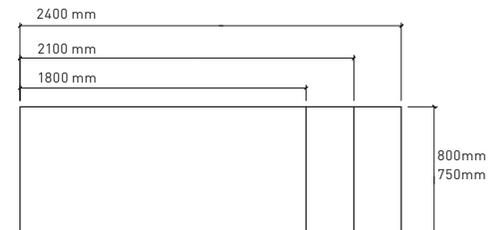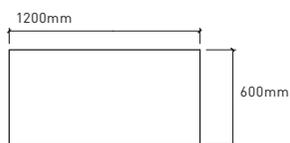
120°
1800mm
1650mm
1500mm
1350mm
1200mm
800mm 750mm

90°
2400mm
2100mm
1800mm
1500mm
800mm 750mm

Enhanced Worktop
2000mm
1800mm
1600mm
1400mm
800mm

Rectilinear
1650mm
1500mm
1350mm
1200mm
800mm 750mm

Rectilinear
2400 mm
2100 mm
1800 mm
800mm 750mm

Rectilinear Desk Return
1200mm
600mm

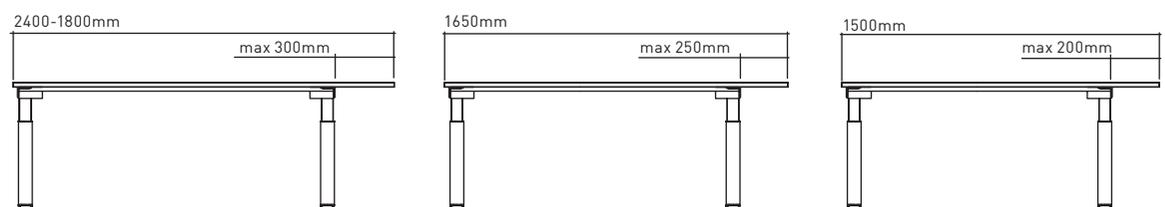90° (circular)
1350mm
1200mm

120° (circular)
1350mm
1200mm

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 25mm thick top is illustrated below.

2400-1800mm
max 300mm

1650mm
max 250mm

1500mm
max 200mm

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 Krossi 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.
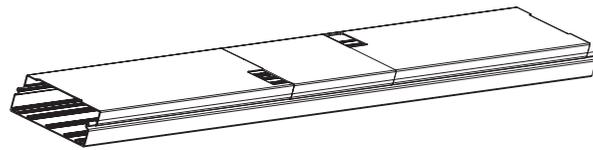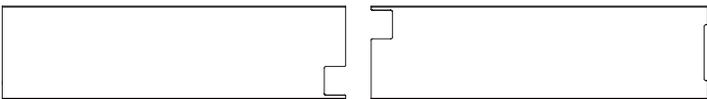
Cable Tray
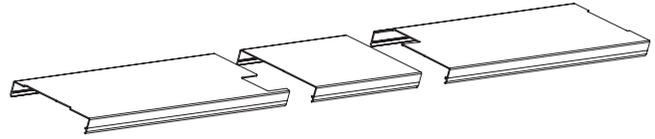
Rectangle Design

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
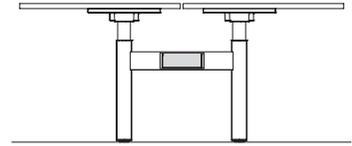
Two Part Lid
Cable Tray Lid with Vide Panel

# CABLE RETICULATION /
## CABLE & DOCKING TRAYS

Cable Tray

Krossi 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

140mm

230mm

180mm

600mm

800mm
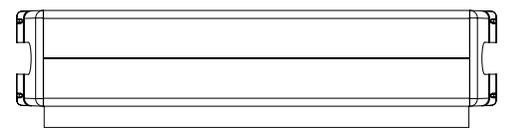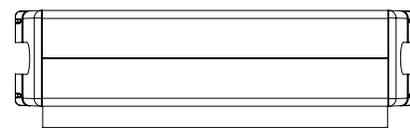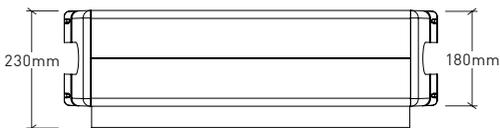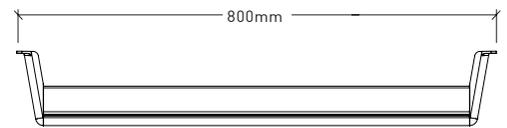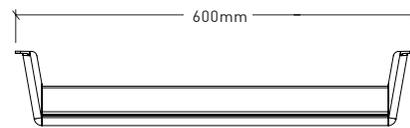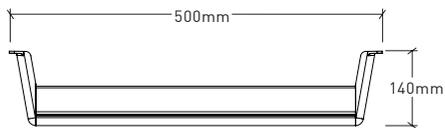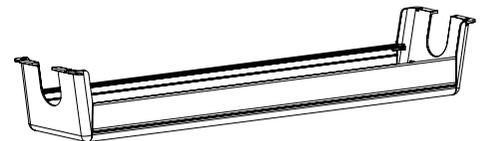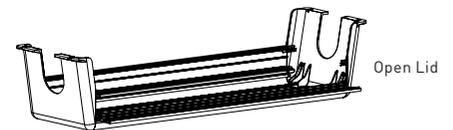
RECTILINEAR TABLES /
MEETING & BOARDROOM TABLES, T–LEG, BRIDGE & COLUMN LEG

Rectilinear Meeting and Boardroom Tables

Krossi rectilinear tables feature highly rigid cast and steel beam understructures. Table tops offer many variations for style and finishes as well as optional built-in power/data service outlets.

Krossi tables are available in a range of leg styles; column and T-leg. Meeting tables are available in fixed height and single stage height adjustability; type A or type B height range.

Foot
(shown 2400mm x 900mm)

Fixed height	720mm
Height adjustable	type A 610–900 mm
	type B 700–1050 mm
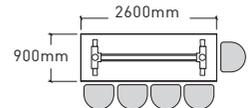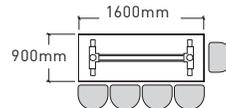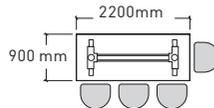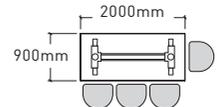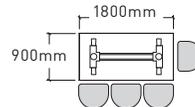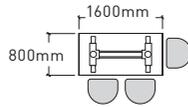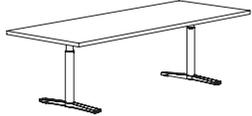
Column Leg
(shown 2700mm x 1300mm)

Fixed height	720mm
Height adjustable	type A 610–900 mm
	type B 700–1050mm
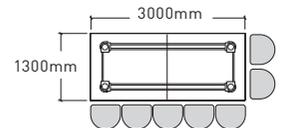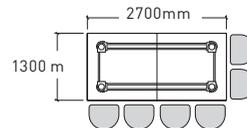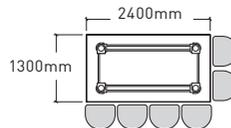
Bridge Column Legs
(shown 6000mm x 1600mm)

Fixed height	720mm
Height adjustable	type A 610–900mm
	type B 700–1050mm
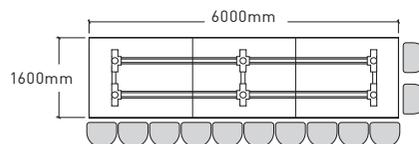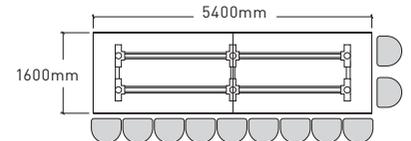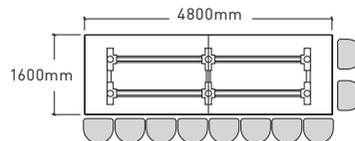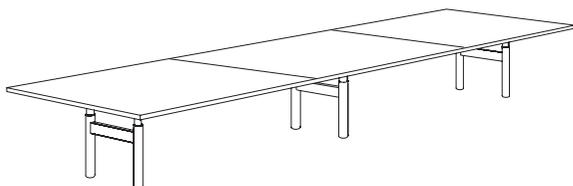
ROUND TABLES /
4, 5 & 6 STAR BASES

Krossi Fixed Height Round Tables

Krossi Fixed Height Round Tables offers a choice of 4 different cast aluminium bases creating a diverse range of table sizes able to accommodate many applications.

Round Table Bases are of an all metal construction making them strong and durable. Available in textured finish only. Tops are available in laminate and veneer. Roller Balls are not available with round table bases.

4 Star Base
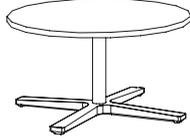
350mm H	350mm H	450mm H	720mm H	1000mm H
Worktop DIA 350mm	Worktop DIA 650mm	Worktop DIA 450mm	Worktop DIA 750mm	Worktop DIA 800mm

5 Star Base

720mm H	1000mm H
Worktop DIA 900mm & 1000mm	Worktop DIA 1000mm
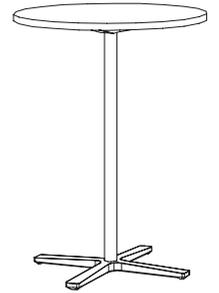
6 Star Base

720mm H
Worktop DIA 1200, 1350 & 1500mm

DESKING COMPONENTS (LEGS) /
END & SHARED TOP CASTINGS

Single Stage Height Adjustable Legs (Type A)
Height range 610–900mm
nb: specify left or right hand
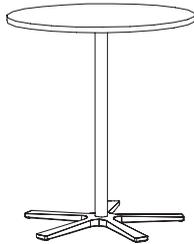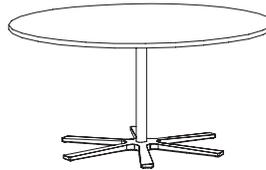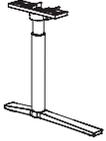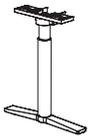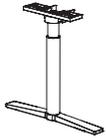specify bridge block if required

END TOP CASTINGS

code 700mm Foot
KRS/SS-LF-Leg-UA
KRS/SS-LF-Leg-TA
KRS/SS-LF-Leg-EA
KRS/SS-LF-Leg-MEC

code 580mm Foot
KRS/SS-SF-MID-Leg-UA
KRS/SS-SF-MID-Leg-TA
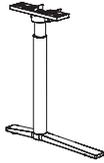KRS/SS-SF-MID-Leg-EA
KRS/SS-SF-MID-Leg-MEC

code 700mm Foot
KRS/SS-LF-MID-Leg-UA
KRS/SS-LF-MID-Leg-TA
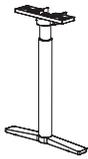KRS/SS-LF-MID-Leg-EA
KRS/SS-LF-MID-Leg-MEC

code
KRS/SS-C-Leg-UA
KRS/SS-C-Leg-TA
KRS/SS-C-Leg-EA
KRS/SS-C-Leg-MEC

SHARED TOP CASTINGS

code 700mm Foot
KRS/SS-LF-180-Leg-UA
KRS/SS-LF-180-Leg-TA
KRS/SS-LF-180-Leg-EA
KRS/SS-LF-180-Leg-MEC

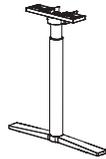**Single Stage Height Adjustable Legs (Type B)**
Height range 700–1050mm
nb: specify left or right hand
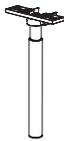specify bridge block if required

code 700mm Foot
KRS/SS7-LF-Leg-UA
KRS/SS7-LF-Leg-TA
KRS/SS7-LF-Leg-EA
KRS/SS7-LF-Leg-MEC

code 580mm Foot
KRS/SS7-SF-MID-Leg-UA
KRS/SS7-SF-MID-Leg-TA
KRS/SS7-SF-MID-Leg-EA
KRS/SS7-SF-MID-Leg-MEC

code 700mm Foot
KRS/SS7-LF-MID-Leg-UA
KRS/SS7-LF-MID-Leg-TA
KRS/SS7-LF-MID-Leg-EA
KRS/SS7-LF-MID-Leg-MEC

code
KRS/SS7-C-Leg-UA
KRS/SS7-C-Leg-TA
KRS/SS7-C-Leg-EA
KRS/SS7-C-Leg-MEC

code 700mm Foot
KRS/SS7-LF-180-Leg-UA
KRS/SS7-LF-180-Leg-TA
KRS/SS7-LF-180-Leg-EA
KRS/SS7-LF-180-Leg-MEC

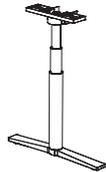**Dual Stage Height Adjustable Legs**
Height range 610–1200mm
nb: specify left or right hand
specify bridge block if required
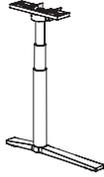
code 700mm Foot
KRS/DS-LF-Leg-UA
KRS/DS-LF-Leg-TA
KRS/DS-LF-Leg-EA
KRS/DS-LF-Leg-MEC
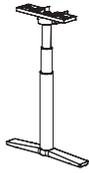
code 580mm Foot
KRS/DS-SF-MID-Leg-UA
KRS/DS-SF-MID-Leg-TA
KRS/DS-SF-MID-Leg-EA
KRS/DS-SF-MID-Leg-MEC

code 700mm Foot
KRS/DS-LF-MID-Leg-UA
KRS/DS-LF-MID-Leg-TA
KRS/DS-LF-MID-Leg-EA
KRS/DS-LF-MID-Leg-MEC

code
KRS/DS-C-Leg-UA
KRS/DS-C-Leg-TA
KRS/DS-C-Leg-EA
KRS/DS-C-Leg-MEC

code 700mm Foot
KRS/DS-LF-180-Leg-UA
KRS/DS-LF-180-Leg-TA
KRS/DS-LF-180-Leg-EA
KRS/DS-LF-180-Leg-MEC

Fixed Height Legs
Fixed height 720mm
nb: specify left or right hand
specify bridge block if required
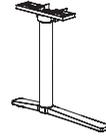
code 700mm Foot
KRS/LF-Leg-FX

code 580mm Foot
KRS/SF-MID-Leg-FX

code 700mm Foot
KRS/LF-MID-Leg-FX

code
KRS/C-Leg-FX

code 700mm Foot
KRS/LF-180-Leg-FX

Fixed Height Legs
Fixed height 720mm
nb: specify left or right hand
specify bridge block if required

code 580mm Foot
KRS/SF-MID-180-Leg-FX
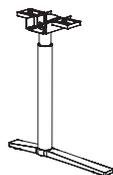
code 700mm Foot
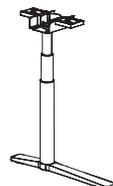KRS/LF-MID-180-Leg-FX

code
KRS/C-Leg-180-FX

code
KRS/C-Leg-90-FX

code
KRS/C-Leg-120-FX

14

DESKING COMPONENTS /
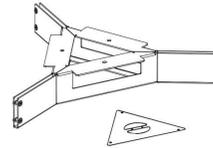## JUNCTION LEGS, PANEL GLIDES
& BAG HOOK

Center Junction Assemblies For Bridge Clusters

Umbilical mounting plates can be set to the top
or bottom for floor or ceiling feeds.
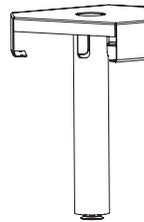
Center Bridge Joiner

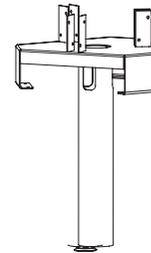3w Center Junction

4w Center Junction

Center Junction LEG Bridge Clusters

Center Junctions also come with the option of having a
center support leg this opton is used mainly on smaller
configuation sizes, this also has the ability of running
power up through the the leg.

3w Center Junction

3w Center Junction with Panel Clamp

Panel Locking Guide

The panel locking guide slides into the vetical transom
of System 30, 45 and E45 panels and is then screwed
to the underside of the worksurface. The panel locking
guide ties the worksurface to the panel while still
allowing the worksurface to travel up and down.
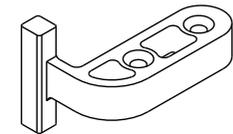
Bag Hook

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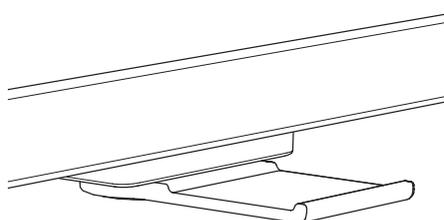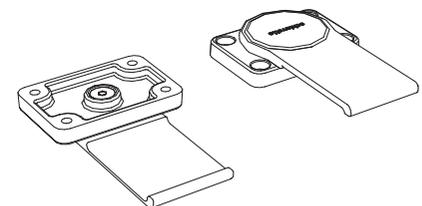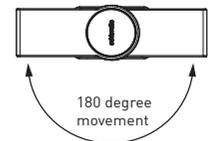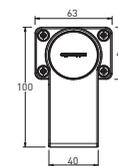
CABLE RETICULATION /
POWER BLADES, UMBILICAL, TECHNOLOGY COLUMN
& INLINE VERTICAL DUCT

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.
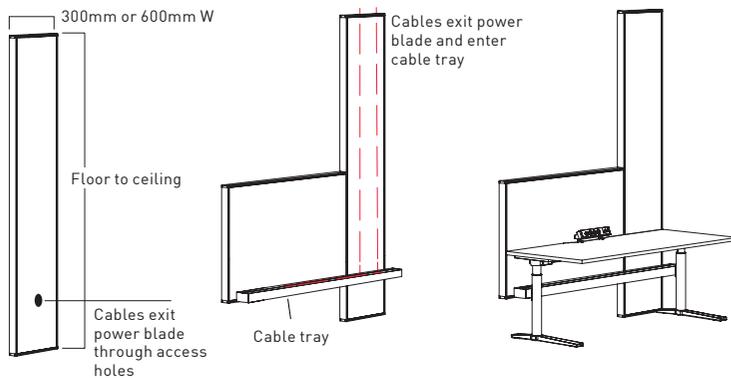
Power Blades

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.
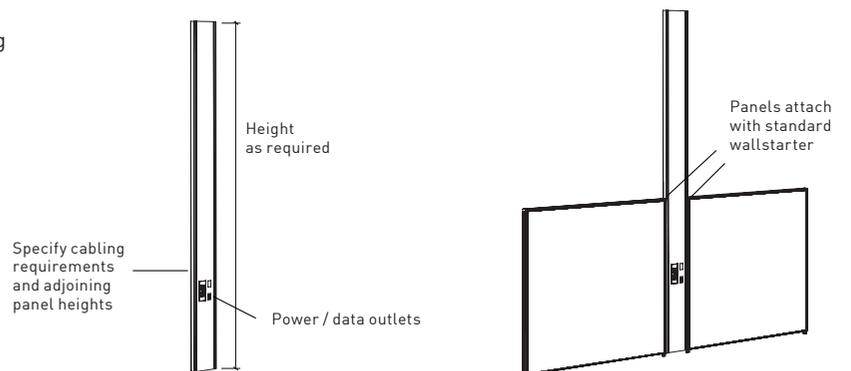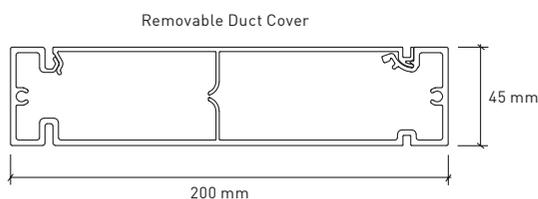

Umbilical

Cable tray
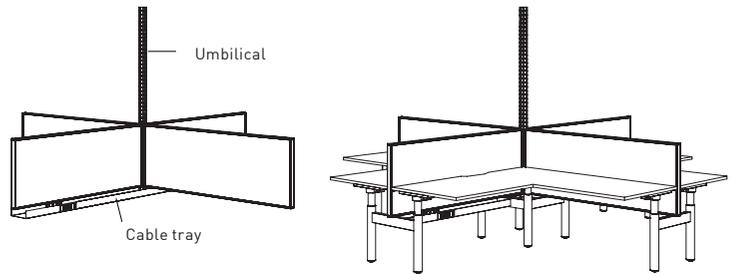
Technology Column

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
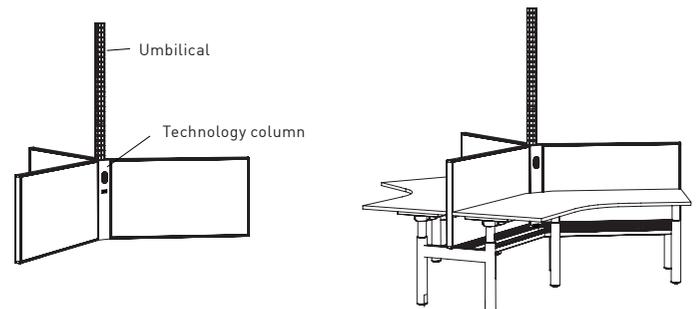
Inline Vertical Ducts

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

Specify cabling requirements and adjoining panel heights

Power / data outlets

Panels attach with standard wallstarter

LETTRIC SOFT WIRING SYSTEM /
IN-DESK, BELOW DESK, ABOVE DESK, OUTLET HOUSING & INTEGRATED FLIP LID
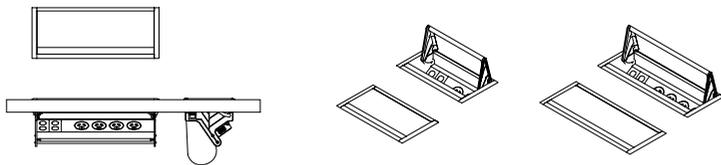
Lettric Soft Wiring System

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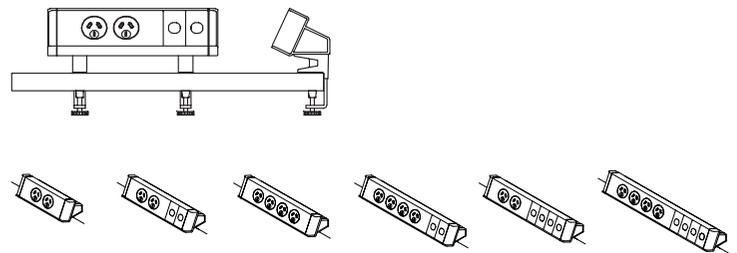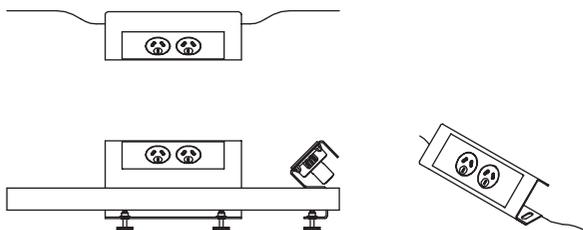
In-Desk Service Module
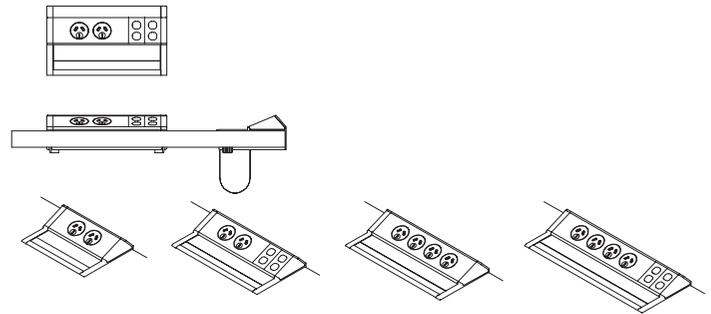
Below Desk Service Module
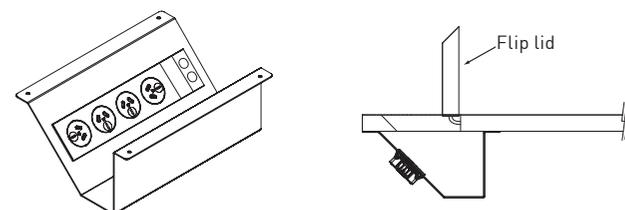

Above Desk Service Module

Outlet Housing Module*


Integrated 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
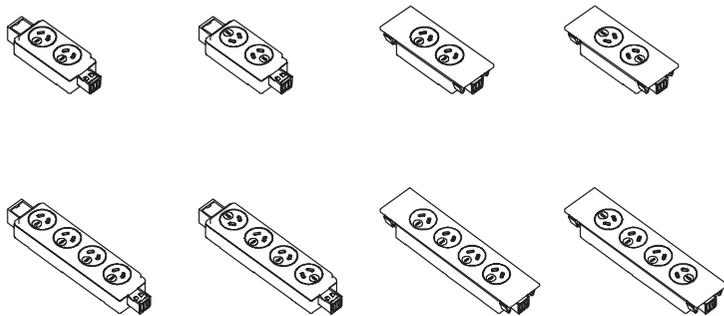information and technical specification.
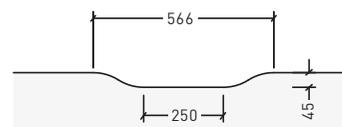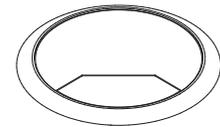
Soft Wiring Connectors*
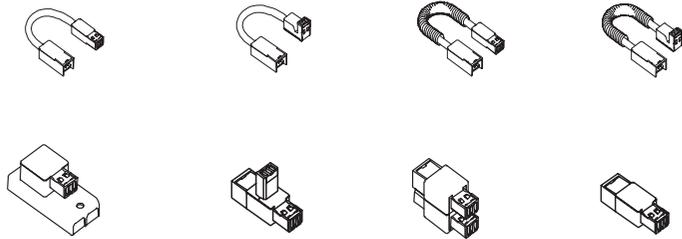
Tiles*
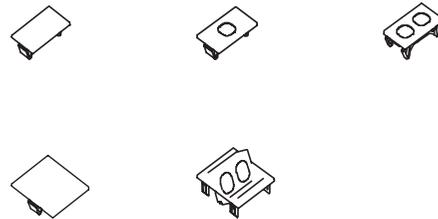
Power Modules*

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.

566

250

45

Standard Cutout

60mm Cable Port

PRODUCT SPECIFICATION /
GENERAL, FINISHES,
ACCESSORIES & WARRANTY

General

Supporting natural movement in the workplace, Krossi sit-stand workstation delivers complete height-adjustability with the press of a button. Whether accommodating the diverse working styles of one user or many in a shared work environment, Krossi delivers ergonomic comfort – and the many health and wellbeing that come along with it.

Human-Centred Design

Krossi's intuitive adjustments promotes movement at work, which ergonomists agree improves health and wellbeing. Empowering users to shift between sitting and standing, Krossi's height adjustability system comes in two options: hand crank or electric motor. With the electric system, height setting is displayed on a LCD screen – boasting memory capability to store up to four preferred height variations for user's convenience.

Intergrated Technology Support

Krossi has a minimum understructure, allowing plenty of legroom. Power, cables, and cords travel neatly through a central spine and trough underneath the work surface so they're easily accessible but out of sight for a visually quiet aesthetic. Accessories such as monitor arms, panels, privacy screens and above desk storage easily integrate into Krossi's worktop.

Improved Flexibility

Available in rectilinear, 120° and 90° clustered workstations, Krossi can be designed to suit a universe of workspaces, private offices, collaborative spaces and meeting areas. Unique to the system, Krossi supports both fixed height and height adjustability within a single cluster, providing flexibility of either choice.

Finishes

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

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

Krossi is manufactured in accordance with international environmental standards: ISO 14001. All components are either reusable or recyclable. Krossi is GECA certified by Ecospecifier to levels A, B, some conditions apply.

Warranty

Krossi 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.

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