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DEALING
DESK X3D

TECHNIGROUP

A LASTING
Solution

SIMPLICITY . FLEXIBILITY . **QUALITY** . FUNCTIONALITY
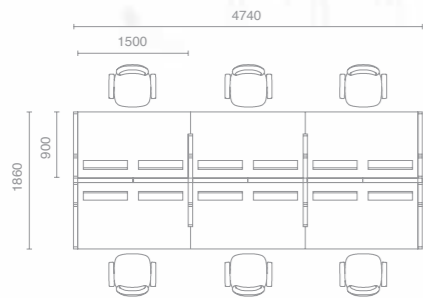
■ Modified from our best selling products: X3 panel system, we are introducing X3D dealing desk. It is a simple, cost effective, modular, easy to install, reconfigurable and flexible solution designed to be used in a trading environment.

■ X3D is a perfect combination of technology, functionality and aesthetic. It has cable management, heat management and hardware storages within the desks.

■ We have integrated the process of research, development, prototyping, testing and manufacturing that translate into quality trading desk.

■ Technigroup manufacturing and design expertise is committed to provide leading edge products, superior quality with affordable price.
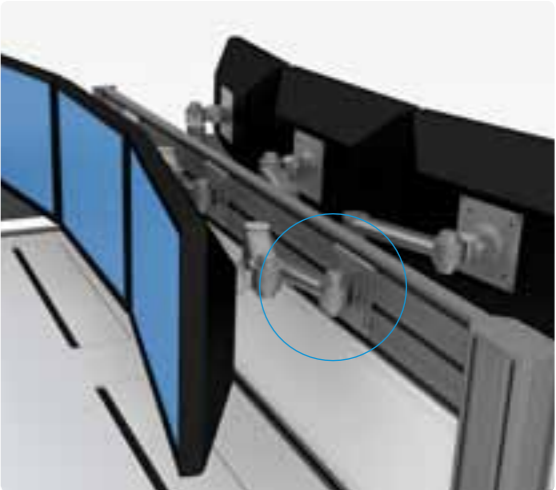
SIMPLICITY + FUNCTIONALITY

Desks are available as one-person (side by side) or as a two-person units (back to back) sharing a single frame and CPU storage area.

Utilizing intelligently flexible standard components, every project can be precisely specified to fit the client needs, budgets and designer aesthetics.
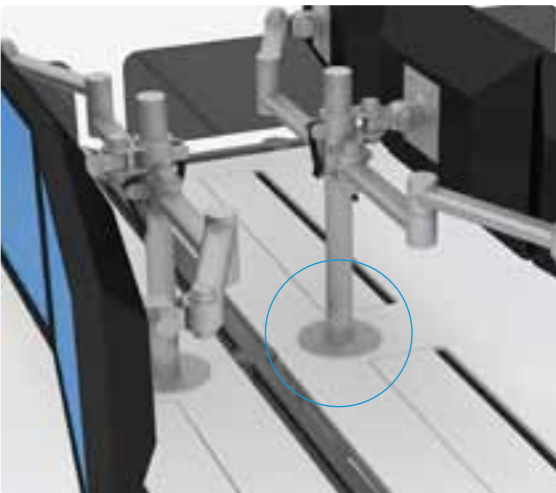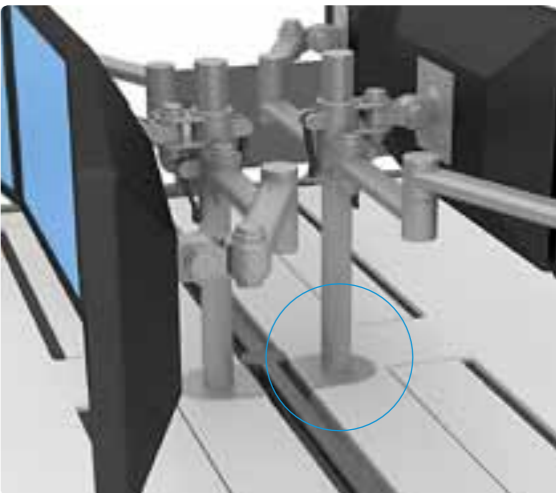

LCD Monitor Arm

Able to accommodate various kinds of LCD monitor arm mouning.

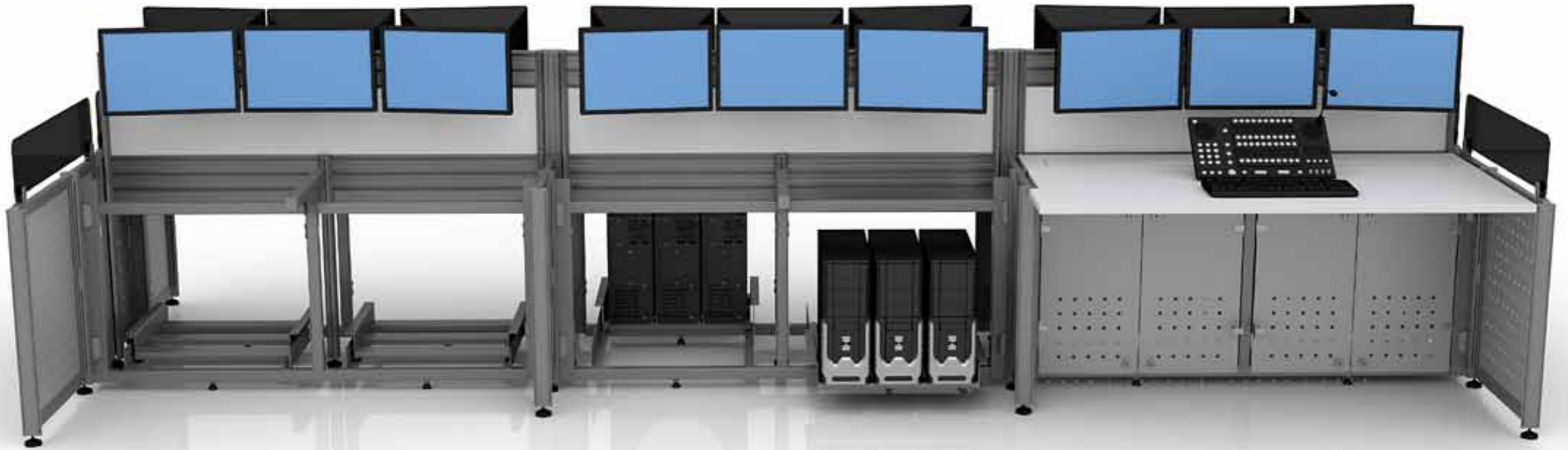Slat Wall Mounting

Grommet Hole Mounting

Desk-Clamp Mounting

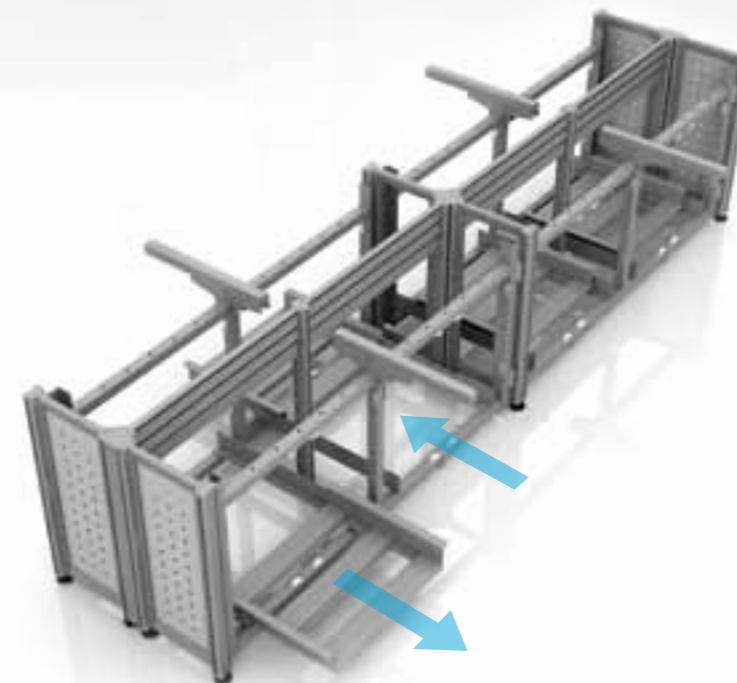# FLEXIBILITY + QUALITY

EASY TO RECONFIGURE
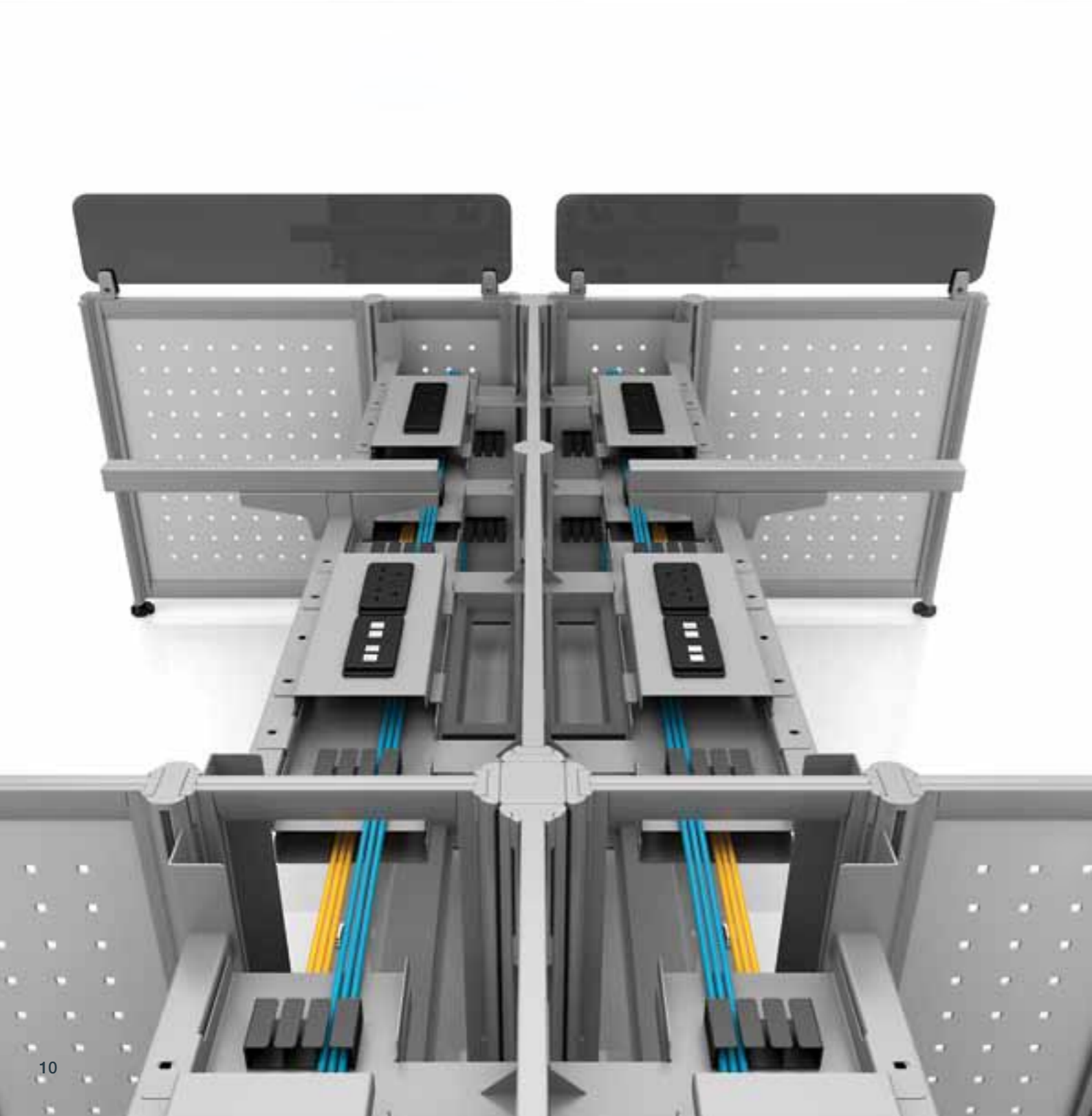
CPU COMPARTMENT

CPU Tray

- Sliding metal CPU tray for easy access during maintenance.
- Using heavy-duty full extension slide, it can support up to 30 kg.
- For 1500mm length worktop, each tray can fit 3 nos. of CPU.
- For 1800mm length worktop, each tray can fit 4 nos. of CPU.
- CPU size, max. : W170 x D450 x H450 mm
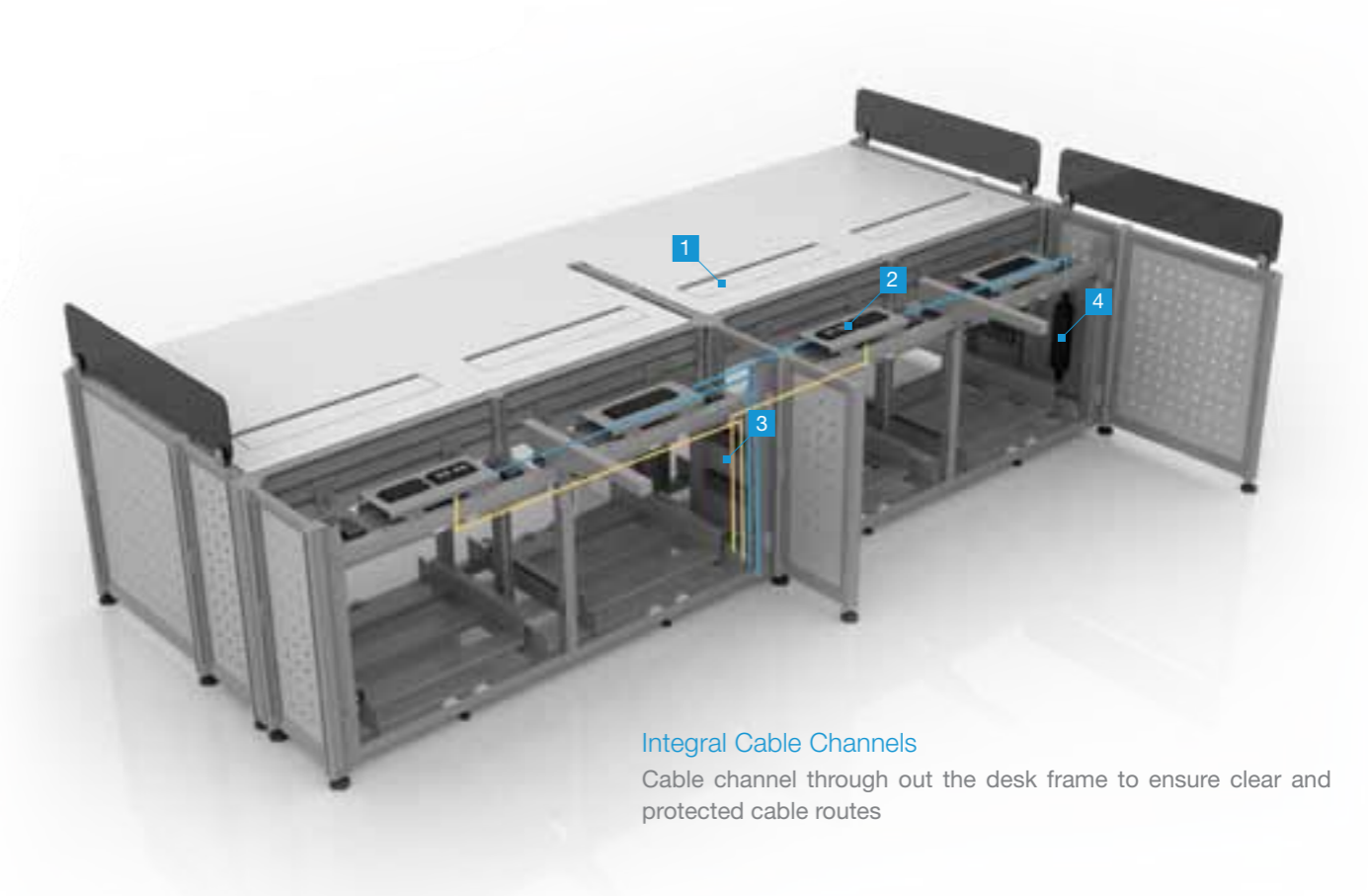
CPU Compartment Structure

CABLE MANAGEMENT

X3D is designed for large quantities of computer and cabling at each station. It provides ease of access and use to its user in cable management. With the practical system, cable capabilities meet both function and aesthetic needs.
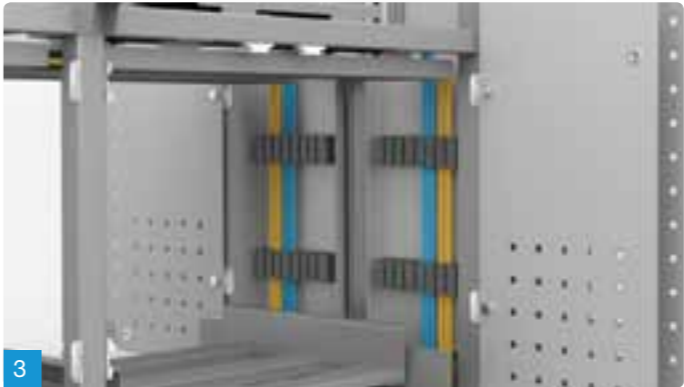

1 Trap Door

2 Double Layer Wire Tray

Integral Cable Channels
Cable channel through out the desk frame to ensure clear and protected cable routes

3 Vertical Cable Channel
A spacious dedicated channel to manage the cable vertically. It has the option of metal plate for data and electrical hardware housing.
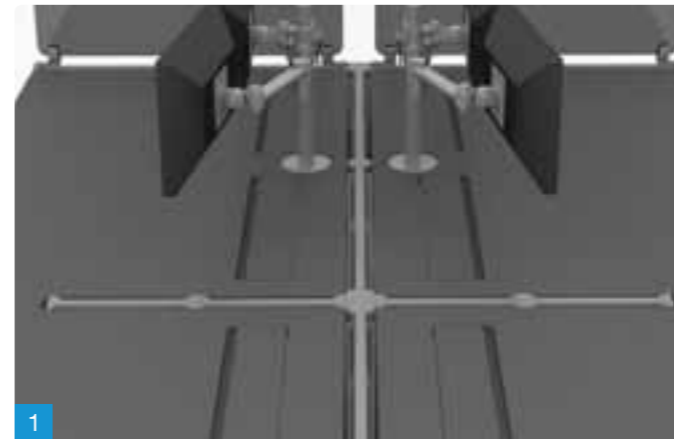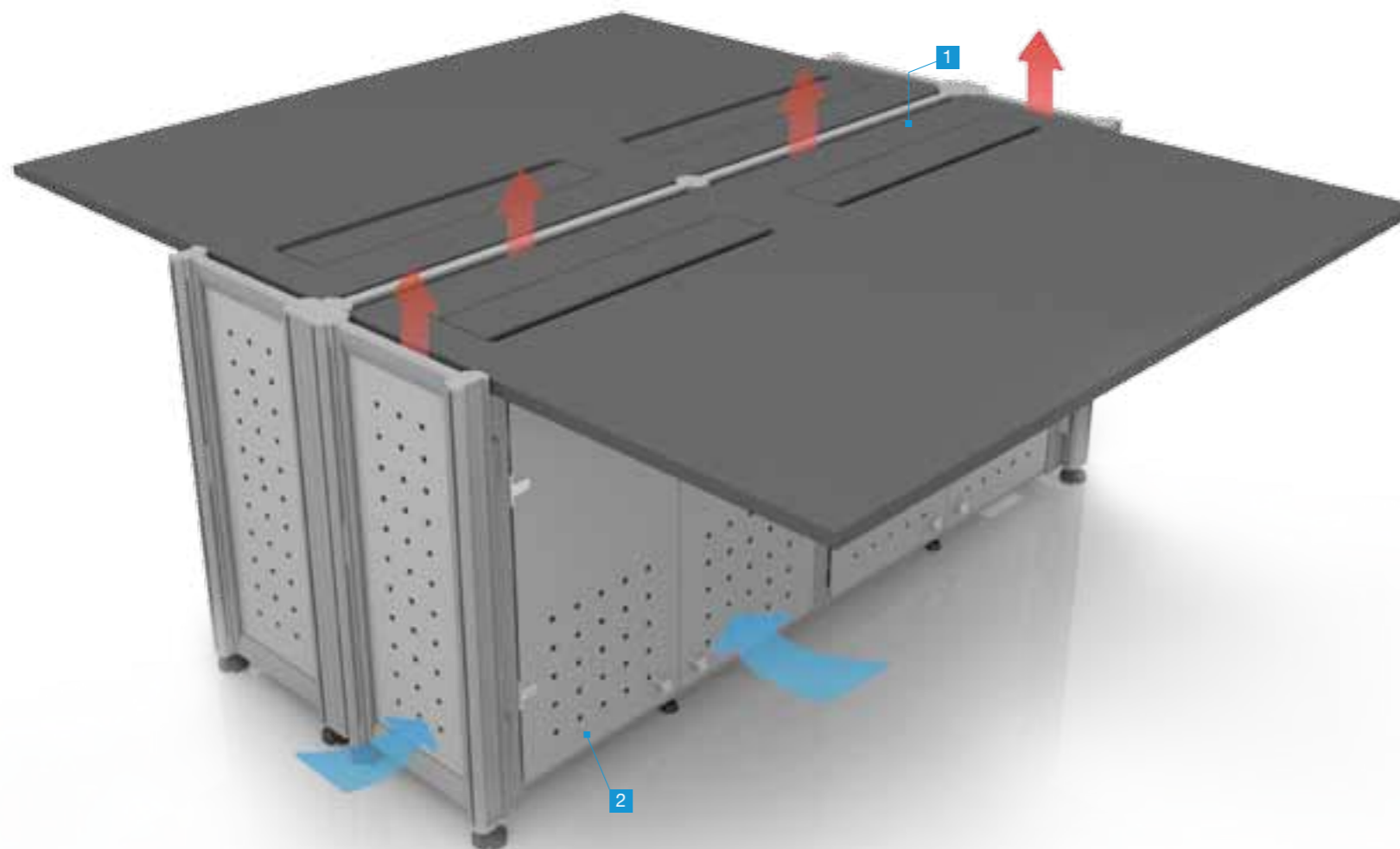
4 Power Socket can be mounted vertically

HEAT MANAGEMENT

X3D is designed to have a natural airflow through the desk:
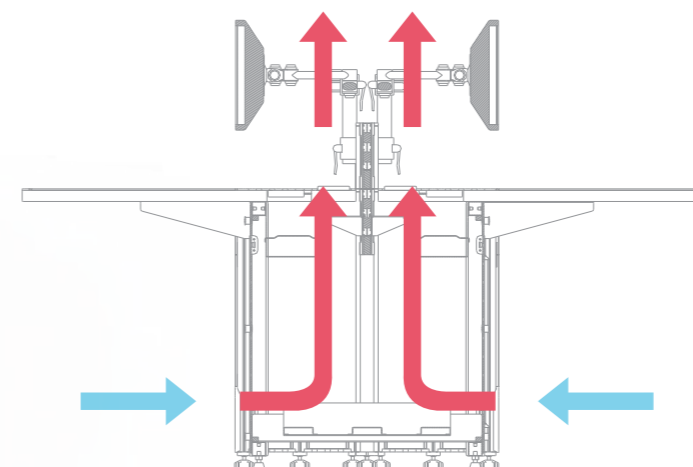
- Ambient air is drawn through the perforated door by CPU fans.
- The top part of door is designed without ventilation. It is to stop direct air exhausted from CPUs.
- Warm air from CPUs exhausts through the gap between tabletop and panel around the cavity structure.

2mm gap between tabletop and panels

Door with ventilation

Passive Cooling

Ambient air is drawn through the perforated door. Warm air will travel up and flow out through the gap between tabletop and panel.

DEALING DESK CHECKLIST

✔ Ergonomic

To meet Ergonomics discipline: improving the productivity, health, safety and comfort of people, as well as promoting effective interaction among people, technology and the environment in which both must operate.

✔ Heat Management

To have a cooling system to emit the warm air from the CPU storages.

✔ Cable Management

- To provide easy wiring process and maintenance
- Easy access to power socket
- Vertical and horizontal cable management for large quantities of cables
- Double layer wire tray

✔ CPU Storage Area

- Sliding CPU tray for easy access for IT maintenance
- Support up to 30 kg

✔ LCD Monitor Arm

Able to accommodate various kinds of LCD monitor arm mounting.

TECHNICAL SPECIFICATIONS

Worktop
25mm thick European E1 grade melamine-faced particle board with 3mm thick impact resistant PVC edging. Finishes are scratch and abrasion resistant with a minimum density of 620 kg/mc +/-5%.

Trap Door
18mm thick trap door, with brush, uses 180 degree concealed hinge.

Double Layer Wire Tray
Made of 1.5mm thick steel, powder coated to a minimum 50 microns.

Panel Top Screen
6mm thick tempered or laminated glass as options.

Panel Frame
Extruded from aluminum alloy grade 6063 with a tensile 5 level of hardening. A uniformed thickness of 2mm is used on all structural elements. Surfaces are powder coated to a thickness of no less than 50 microns for increased durability, scratch and chemical resistance.

CPU Tray Slide
Using heavy duty ball bearing full extension drawer slide. Maximum weight supported: 30 kg.

CPU Tray
1.5mm to 2.5mm thick steel using sheet metal bending for high rigidity and comprehensive strength. Steel is treated with environmental friendly power coating of minimum 50 microns.
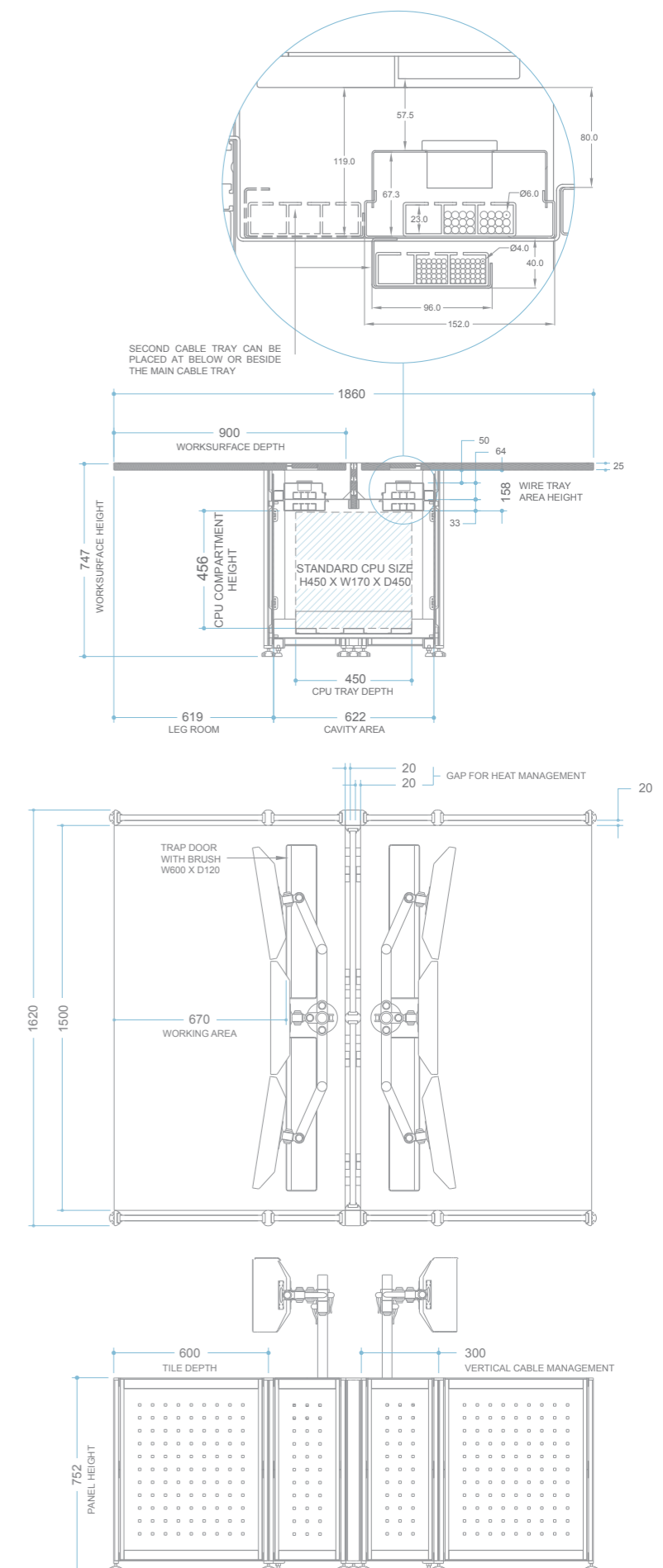
Cavity Frame Structure and Brackets
1.5mm thick square section steel for high torsion, rigidity and compressive strength. Steel is treated with environmental friendly power coating of minimum 50 microns.

Perforated Door
Are in 3mm thick perforated Aluminium Composite Panel (ACP). ACP is light-weight but very rigid and strong. Surfaces are painted, smooth, fireproof, easy to clean and corrosion resistant. 10mm square perforated on the whole surface of the door for heat management.
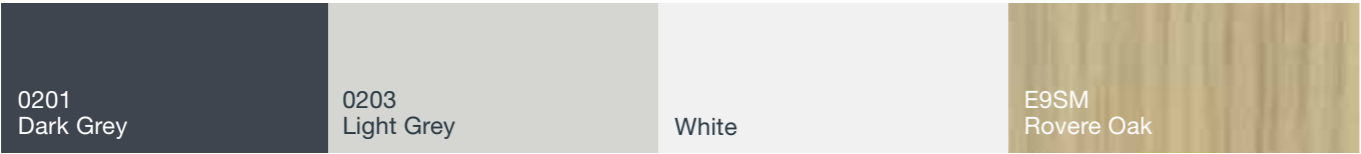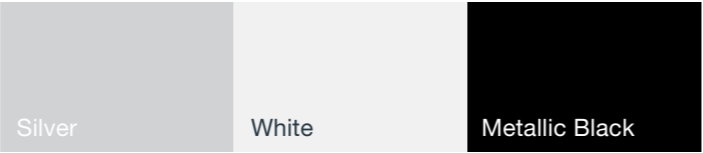
MEASUREMENTS

STANDARD FINISHES

A. Panel Frame: Aluminium and Steel Material

Nickel Mica

B. Perforated Tile: Composite Aluminium Board

Silver | White | Metallic Black

C. Tabletop: Melamine Board

| 0201 Dark Grey | 0203 Light Grey | White | E9SM Rovere Oak |

PRODUCT CODING

Dealing Desk Set | Back to Back Configurations

Include: sliding CPU tray, two layers of horizontal cable tray, brackets and screws

Cluster of 2
X3D-2BB-W159-SET-ML/LM　W1620 x D1860 x H752
X3D-2BB-W189-SET-ML/LM　W1920 x D1860 x H752

Cluster of 4
X3D-4BB-W159-SET-ML/LM　W3180 x D1860 x H752
X3D-4BB-W189-SET-ML/LM　W3780 x D1860 x H752

Cluster of 6
X3D-6BB-W159-SET-ML/LM　W4740 x D1860 x H752
X3D-6BB-W189-SET-ML/LM　W5640 x D1860 x H752

Cluster of 8
X3D-8BB-W159-SET-ML/LM　W6300 x D1860 x H752
X3D-8BB-W189-SET-ML/LM　W7500 x D1860 x H752

Cluster of 10
X3D-10BB-W159-SET-ML/LM　W7860 x D1860 x H752
X3D-10BB-W189-SET-ML/LM　W9360 x D1860 x H752

Dealing Desk Set | Side by Side Configurations

Include: fixed CPU tray, two layers of horizontal cable tray, brackets and screws

Single
X3D-S-W159-SET-ML/LM　W1620 x D960 x H752
X3D-S-W189-SET-ML/LM　W1920 x D960 x H752

Cluster of 2
X3D-2SS-W159-SET-ML/LM　W3180 x D960 x H752
X3D-2SS-W189-SET-ML/LM　W3780 x D960 x H752

Cluster of 3
X3D-3SS-W159-SET-ML/LM　W4740 x D960 x H752
X3D-3SS-W189-SET-ML/LM　W5640 x D960 x H752

Cluster of 4
X3D-4SS-W159-SET-ML/LM　W6300 x D960 x H752
X3D-4SS-W189-SET-ML/LM　W7500 x D960 x H752

Cluster of 5
X3D-5SS-W159-SET-ML/LM　W7860 x D960 x H752
X3D-5SS-W189-SET-ML/LM　W9360 x D960 x H752

Electrical Mounting Plate

X3D-ELMPLT45-2MKD　W450 x D140
*For 2 nos. of MK Double power socket

X3D-ELMPLT45-2NBM2　W450 x D140
*For 2 nos. of Netbox-M 2 gang

X3D-ELMPLT45-NBM4　W450 x D140
*For 1 no. of Netbox-M 4 gang

Stack-On Vertical Posts

End
X3-VPEND03-VP　H355

Double
X3-VPDBL0303-VP　H355

Stack-On Panel Connectors

2-Way
X3-PC2W0303NN-VP　H355

3-Way
X3-PC3W030303N-VP　H355

4-Way
X3-PC4W03030303-VP　H355

X3 Tiles

Melamine Board with Accessories Rail
X3-T307AML　H355 x W750
X3-T309AML　H355 x W900
X3-T315AML　H355 x W1500

Fabric Board with Acessories Rail
X3-T307AF　H355 x W750
X3-T309AF　H355 x W900
X3-T315AF　H355 x W1500

Panel Top Screen

X3-PTS107GT/GLT/LGW　H177.5 x W750
X3-PTS109GT/GLT/LGW　H177.5 x W900
X3-PTS307GT/GLT/LGW　H355 x W750
X3-PTS309GT/GLT/LGW　H355 x W900

Legend:
GT = 6MM THK ACRYLIC
GLT = 6MM THK TEMPERED GLASS TINTED
LGW = 6.38MM THK LAMINATED GLASS WHITE

Mobile Caddy

X3-MPC612-6009045NH-SIN1-L/R-ML/LM
H600 X W900 X D450

Cushion

A-CUSHION-09045-38　W900 x D450 XT38

Vertical Cable Channel and Power Socket Box Mounting

X3D-VCR　W230 x H450