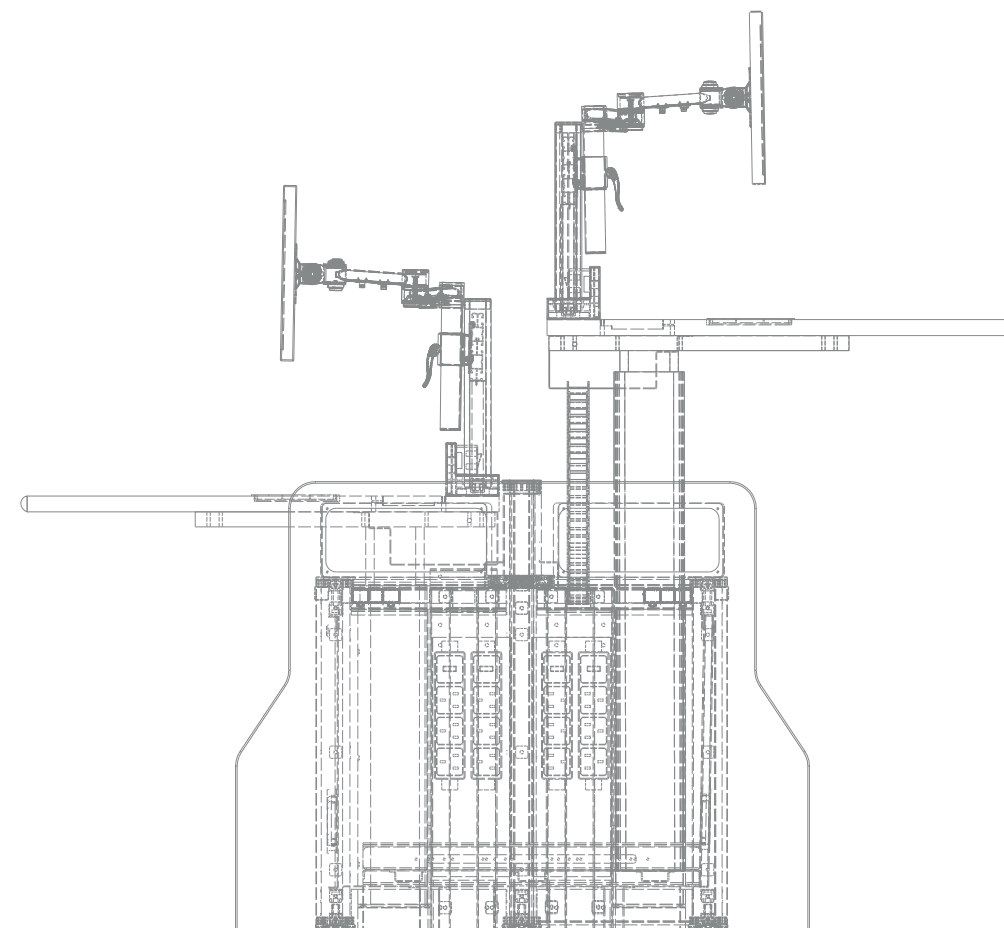


THE FUTURE
THE DEALING DESK

XD
HI-LO



SINGAPORE

Technigroup Far East Pte Ltd
Technigroup @the Mill
5 Jalan Kilang
#04-03
The Mill
Singapore 159405

Email:kv@technigroup.com.sg

MALAYSIA

Technigroup Office Furniture Sdn Bhd,
Office Suite 19-15-2, Level 15,
UOA Centre No. 19 Jalan Pinang,
50450 Kuala Lumpur, Malaysia

Email : sofia@technigroup.com.my

INDIA

Technigroup Far East Pte Ltd
B1, Plot No 231,
Sector 27,
Gurugram-122002,
Delhi Ncr/ Noida, INDIA

Email:Kv@technigroup.com.sg



www.technigroup.com.sg



WHY XD HEIGHT ADJUSTABLE?

Today's approach to ergonomics is not about static postures, but about movement throughout the day.

In conclusion of several recent studies. Prolonged time spent sitting, independent of physical activity, has been shown to have important metabolic consequences. People are at increased risk of obesity, diabetes, heart disease, a variety of cancers and an early death. With a good dealing desk that fit and getting into the routine of both standing and sitting, people reported feeling more energized, creative and social. The added comfort and ergonomic benefits of an adjustable dealing desk contributes to enhanced performance, job satisfaction and less absence due to illness and work related ailments.

Control room dealing desks are fitted with expensive equipment, many screens and computers and the employees working at these stations are mostly highly paid specialists. Often the dealing desk are used 24-7 and breakdowns are very costly. Therefore, the dealing desk must function 100% to the optimum result.

Perfect in every detail:

- Flexibility and ergonomics
- 97% solid aluminum structure
- Height adjustable
- Efficient cable management
- Sliding CPU carriers
- Active heat management
- Multi level slat rail support
- Hook on end panel



HIGHLIGHT DESIGN

■ **Flatscreen monitor swivel-arm**
Individual height adjustment with cable management integrated.

■ **Worktop**
25mm thick European E1 grade melamine faced particle board with 3mm thick resistant PVC edging. Finishes are scratch and abrasion resistant.

■ **Concealable cable Inlet**
The flip door cover conceal unsightly cable and enhancing system aesthetics.

■ **Frame construction**
Constructed using structural aluminum extrusions that provide torsional strength.

■ **Stationary Trays**
major suface area for stationaries.

■ **Electrical Height adjustment leg**

■ **Ventilation Chimney**
Warm air from the CPU is exhausts through chimney by fans.

■ **Hook on end panel**
For ease for maintenance and reconfiguration.

■ **Horizontal slat wall beam**
Accessory rail for flatscreen support arms and power modules.

■ **Internal Cable tray**
To house monitors power.

■ **Access door**
18mm thick European E1 grade melamine faced particle board with 3mm thick PVC edging.

■ **Passive Cooling Vent**
Ambient air is drawn through the door vent.



HEIGHT ADJUSTMENT

Electrical Height Adjustment

Ergonomics

The change between sitting and standing improves the physical well-being. All service maintenance can easily be done in a standing position.

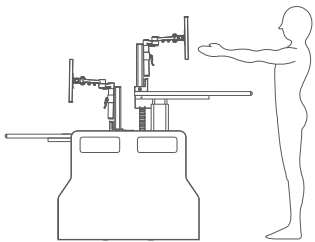


Controller Options

Up/ Down options
Basic controller to allow full travel of leg when buttons depressed.

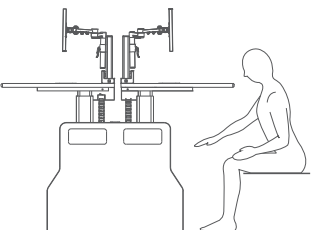
Standing position

Worktop is adjusted to a position for standing use.



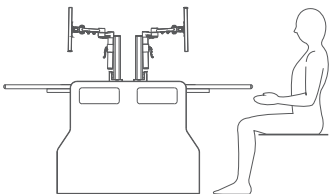
Maintenance: IT access

Worktop is adjusted to a position to allow access to the tray and door.



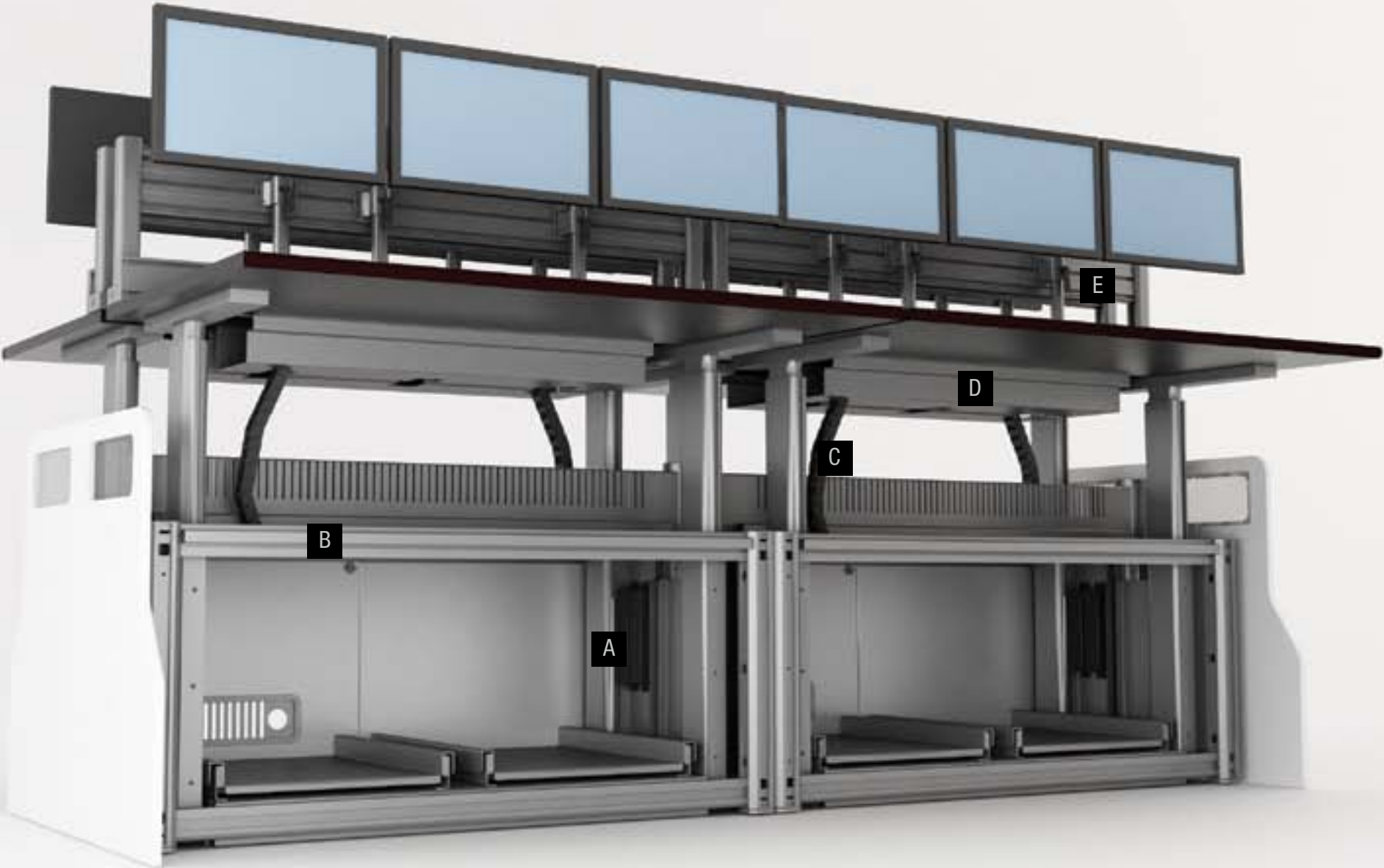
Sitting position

Worktop is adjusted to a position for seating use.

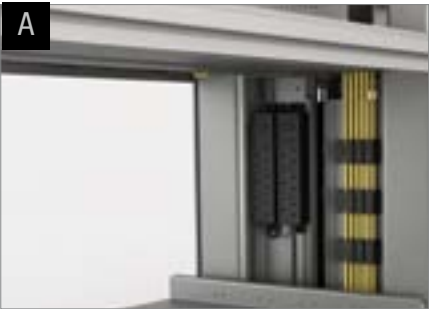


CABLE MANAGEMENT

Power and Cable Routes



Cable Management Checklist



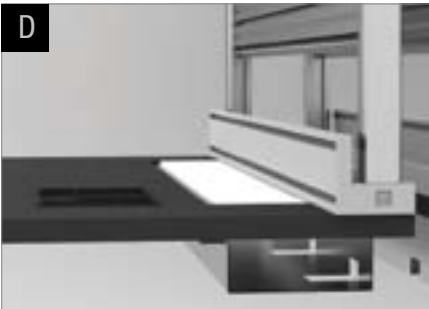
Access of cables from raised floor to beneath the work surface frame.



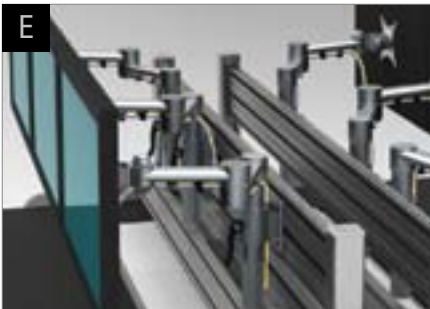
Cable routing through out the each station.



Cable routing from cable tray into CPU box.

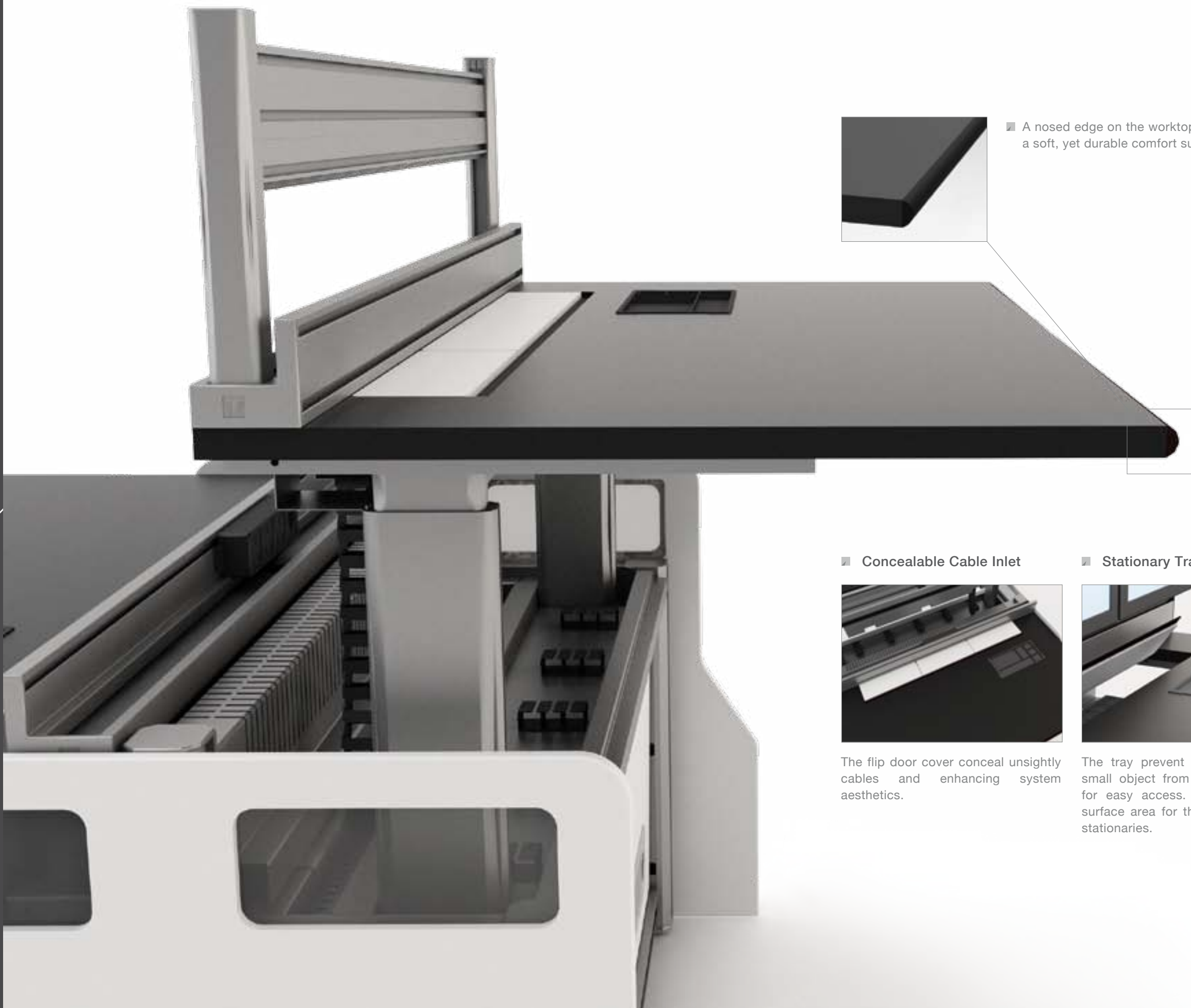


Cable routing from worktop into cable tray.



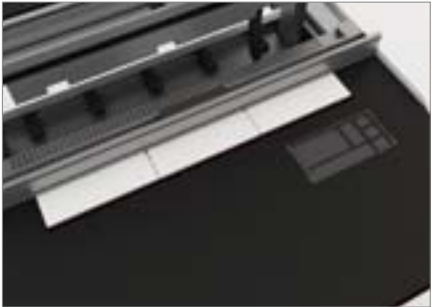
Cable routing from flat arm holder into the cable tray.

DESKTOP



■ A nosed edge on the worktop provide a soft, yet durable comfort surface.

■ Concealable Cable Inlet



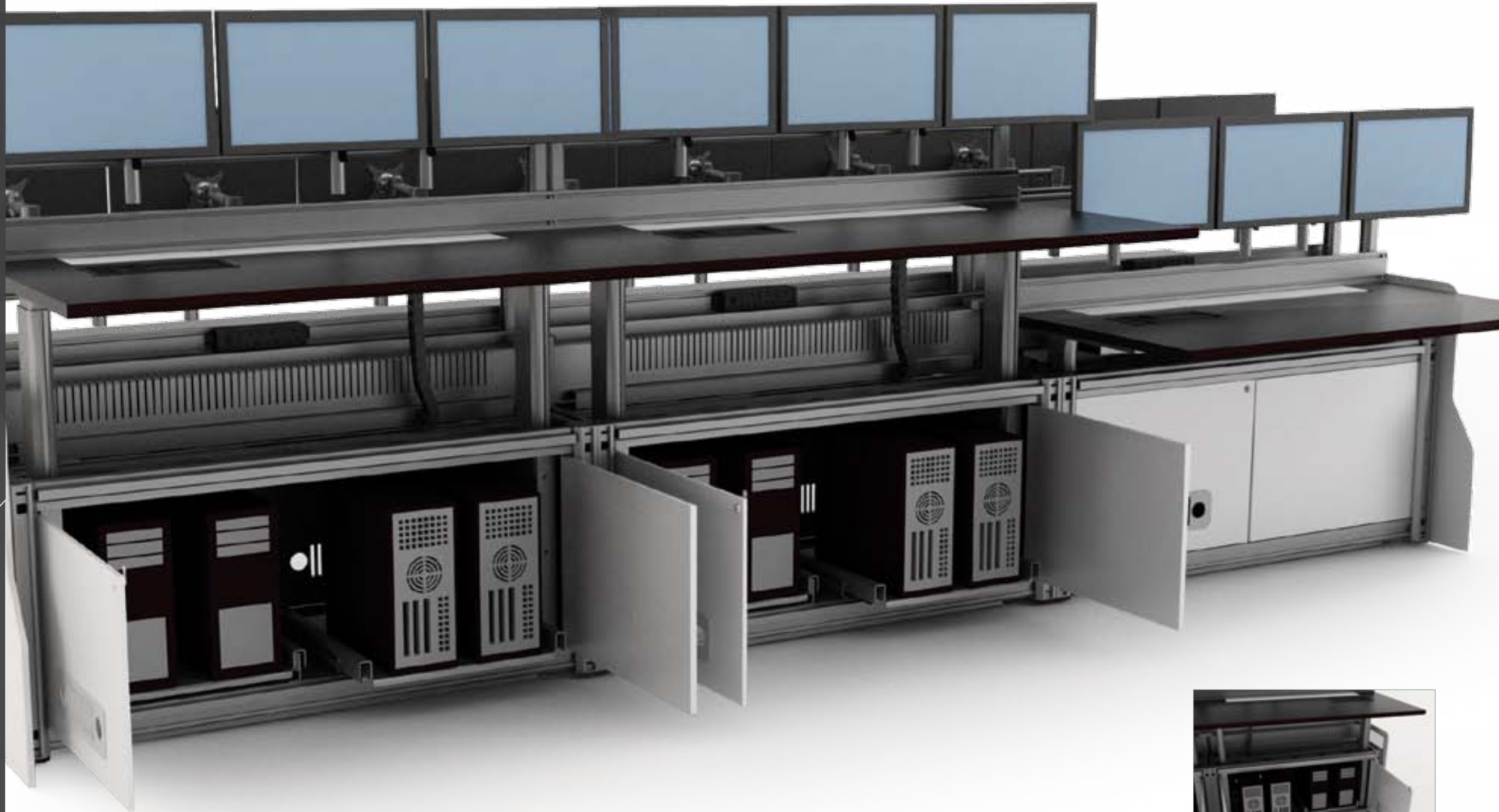
The flip door cover conceal unsightly cables and enhancing system aesthetics.

■ Stationary Tray



The tray prevent pencils and other small object from disappearing and for easy access. It offers a major surface area for the fitting of clients stationaries.

SLIDING CPU CARRIER



Sliding metal CPU tray for easy access during maintenance.

SLAT RAIL SUPPORT

The slat rail beam provides a stable structure to hold flat screen arm and fixing for various accessories.

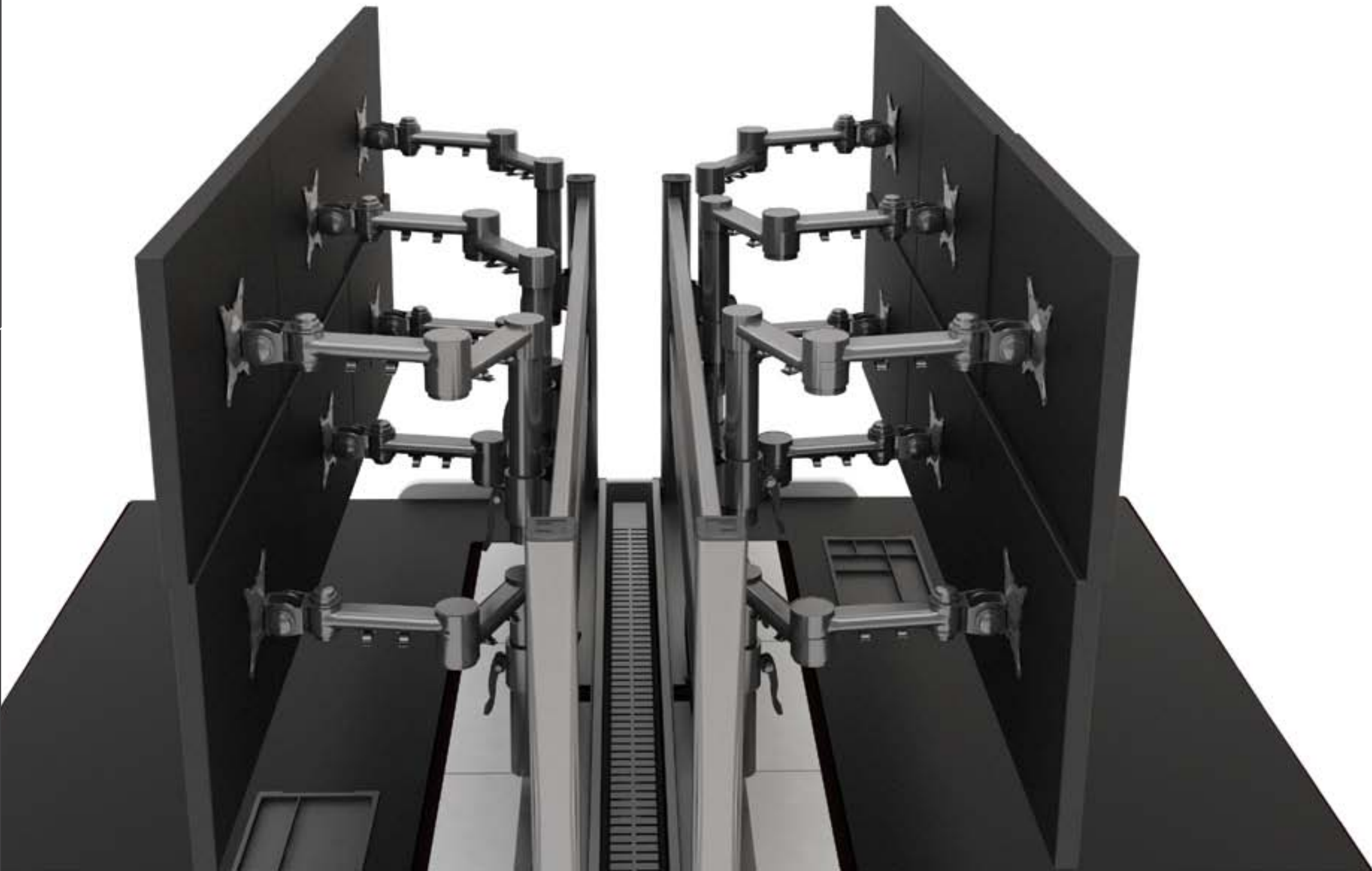
■ Slat rail beam



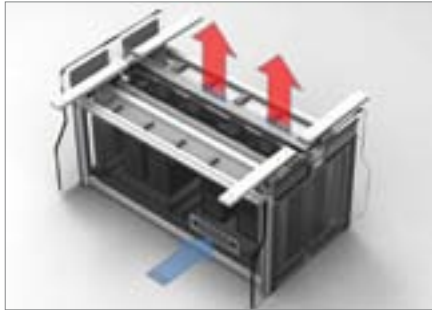
Two tier slat rail



Single slat rail



HEAT MANAGEMENT



■ Natural and Active Convection

Natural Cooling
CPUs generated hot air leave the compartment through the perforated tray.

Active Cooling
Fans installed under the perforated chimney boost the natural convection.



Fan installed to boost the natural convection.



Central chimney to allow warm air exhaust.

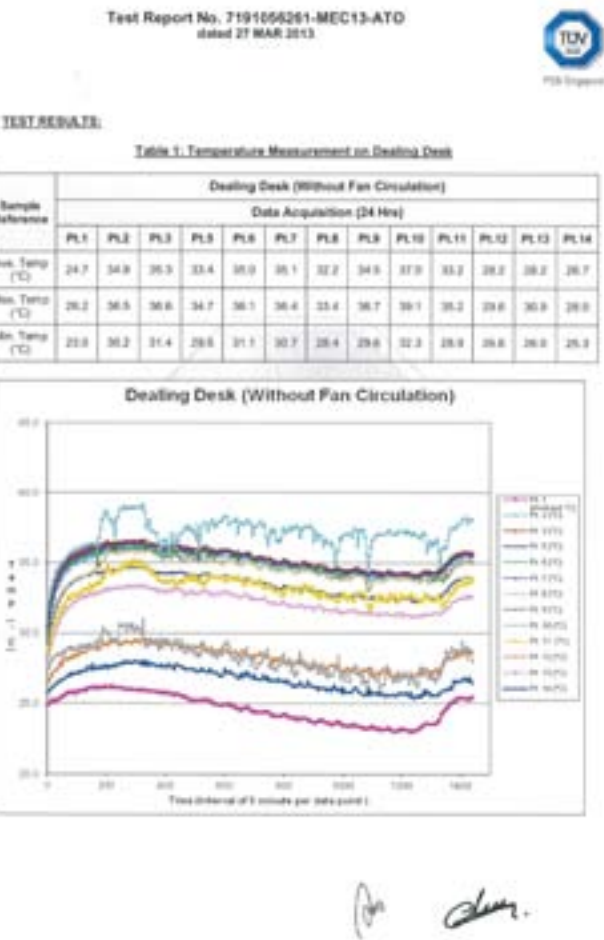
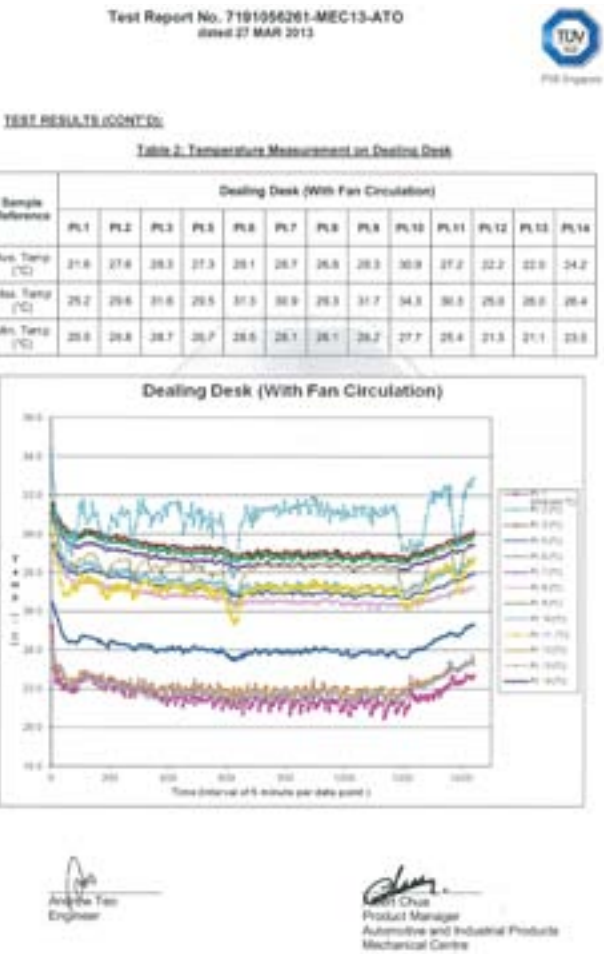
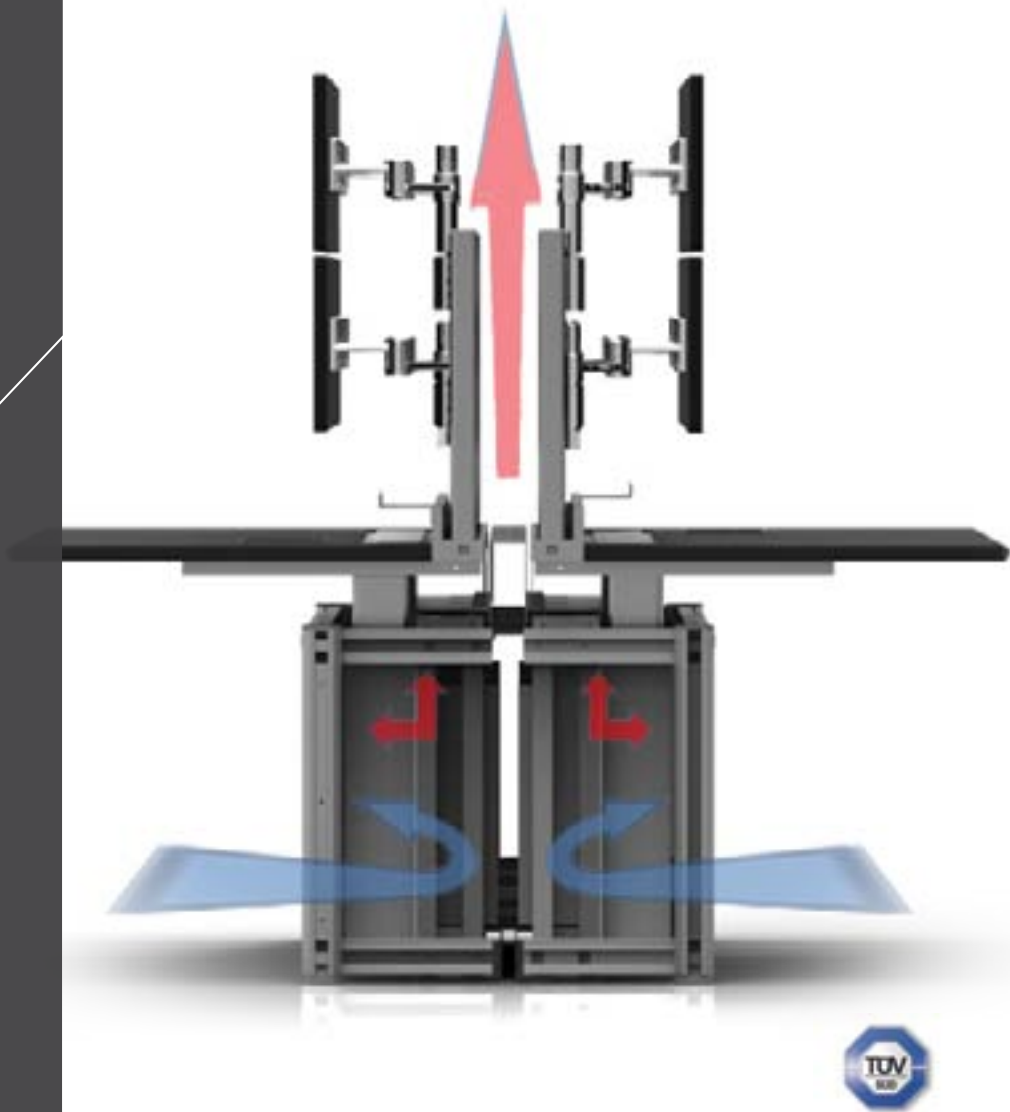


Passive air vent to allow ambient air in.

TEST REPORT

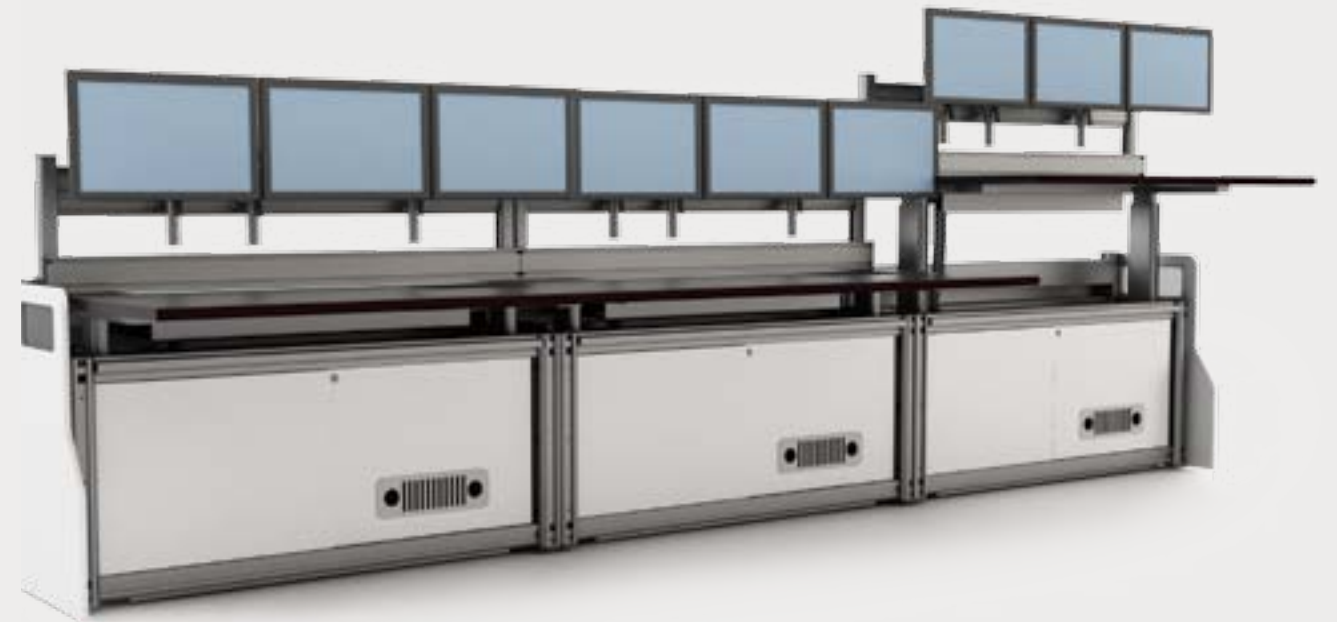
XD has been tested by TUV laboratories in heat management. The measurement of the XD was conducted with 4 CPUs turn on in two separate tests - Measurement without fan circulation and with fan circulation respectively. A total of 13 measurement points were located in the external/internal of the XD compartment. The data acquisition was recorded at an interval of 5 minute for each point and maintained for 24 hours.

Average temperature range (without fan circulation): 24.7 °C to 35°C
Average temperature range (with fan circulation): 21°C to 30.9°C



LINEAR DESIGN

The XD Dealing Desk can be set up as a flexible single linear or as bench unit to suit your specification.

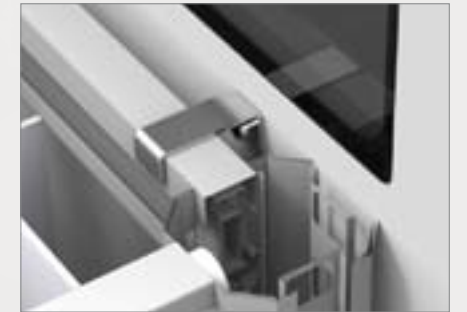


END PANEL

■ Hook on End Panel

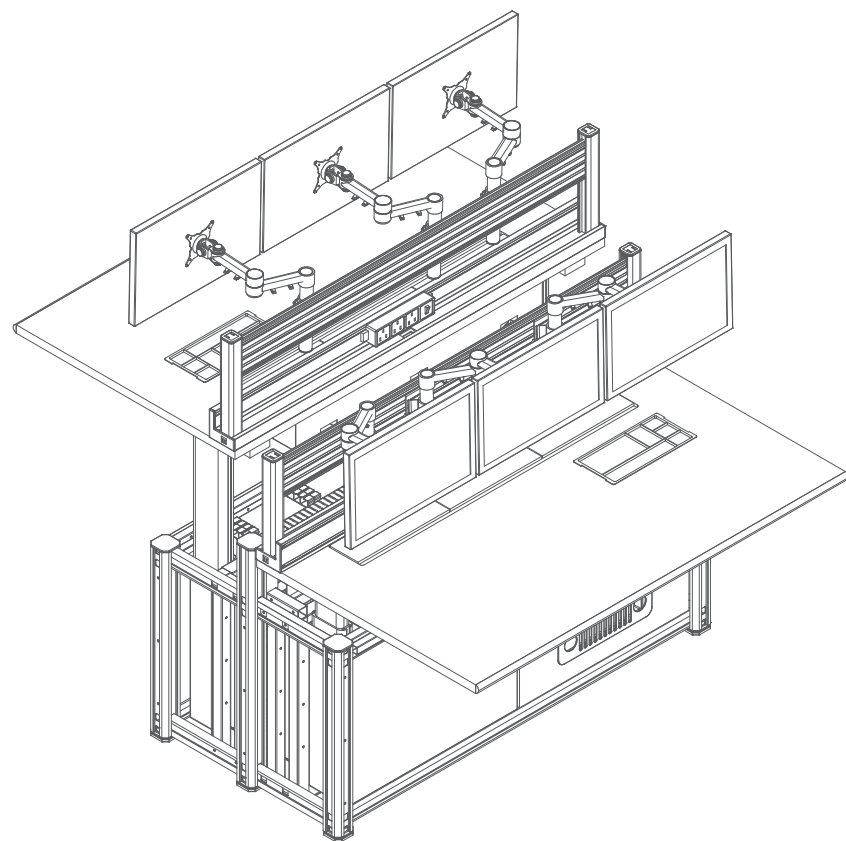
- Hook on method for easy remover for reconfiguration and IT maintenance
- Semi enclosed lamp shape with screen
- Fully enclosed rectangular shape
- Semi enclosed square shape

Available in veneer, melamine, laminate and spray paint finish.

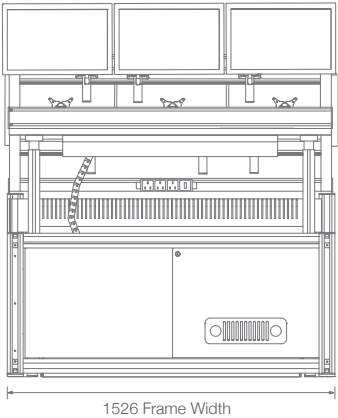


TECHINICAL
SPECIFICATIONS

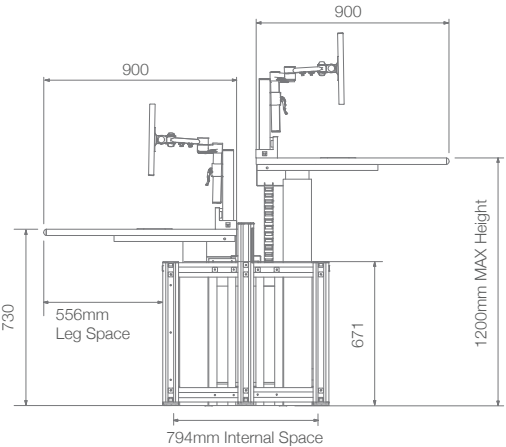
■ Linear Back to Back



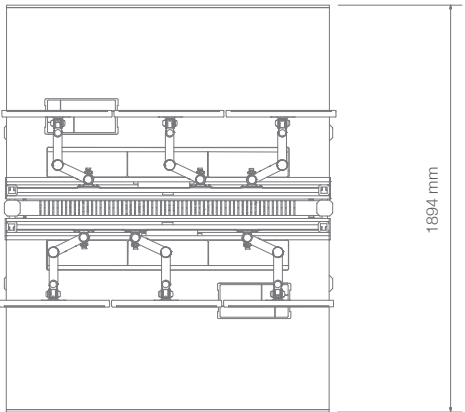
Front View



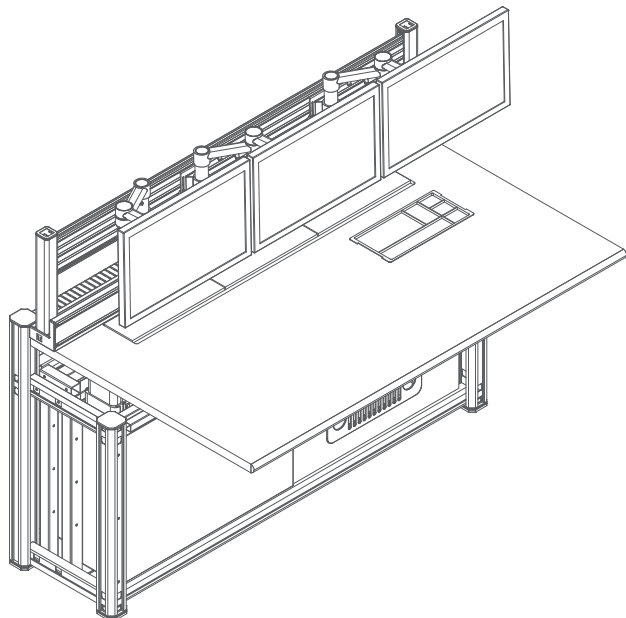
Side View



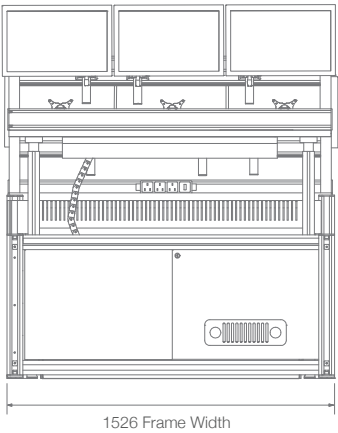
Top View



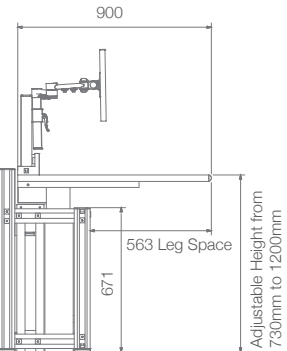
■ Single Linear



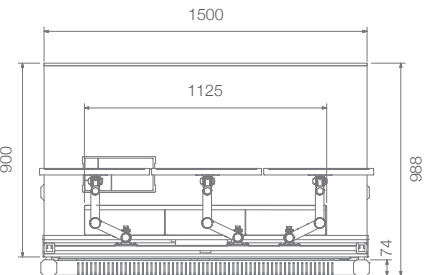
Front View



Side View



Top View



MATERIALS AND FINISHES

Materials

Aluminum Alloy:



Engineered Wood - Particle Board:



Engineered Wood - MDF:



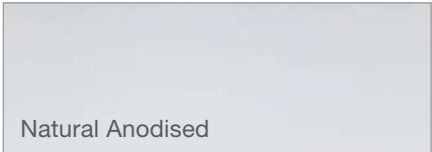
Steel:



Standard Finishes

A. Panel Frame: Aluminium and Steel Material:

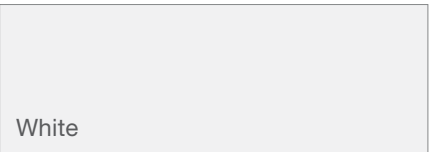
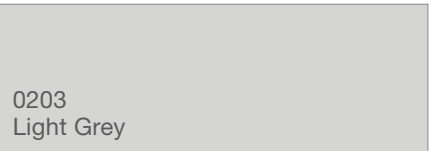
Aluminum:



Steel:



B. Tabletop: Melamine Board:



Worktops

25 mm thick European E1 grade melamine - faced particle board with 3mm thick Impact resultant PVC edging. Finish with a minimum density of 620 kg/mc+/-5% moulded with polyurethane nosing.

Frame structural

Extruded from aluminium alloy grade 6063 alloy strengthened with T5 treatment. Surfaces are treated with a 10 micron thick corrosion resistant anodizing layer.

1.5mm to 3mm think steel using sheet metal bending for high rigidity and compressive strength.

Steel is treated with environmental friendly power coating of minimum 50 microns.

Trap door

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

CPU tray carrier

Using heavy duty ball bearing full extension drawer slide. Max Weight support 30kg.

1.5mm to 3mm think steel using sheet metal bending for high rigidity and compressive strength.

Steel is treated with environmental friendly powder coating of minimum 50 microns.

End panel

18 mm thick European E1 grade melamine - faced particle board with 3mm thick Impact resultant PVC edging.

Cable clip / foot glide

Components are injection moulded with hard wearing polyoxymethylene (POM).

Storages

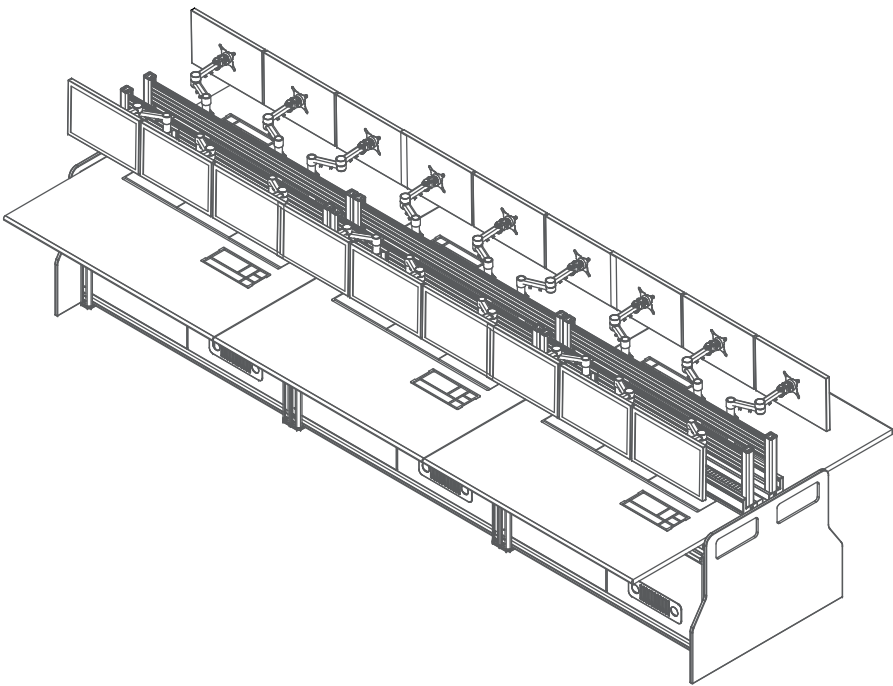
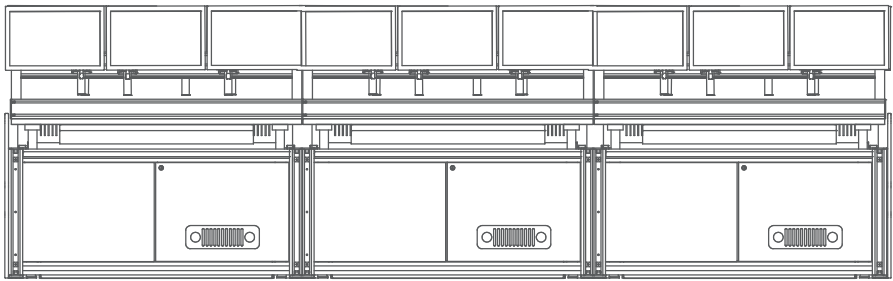
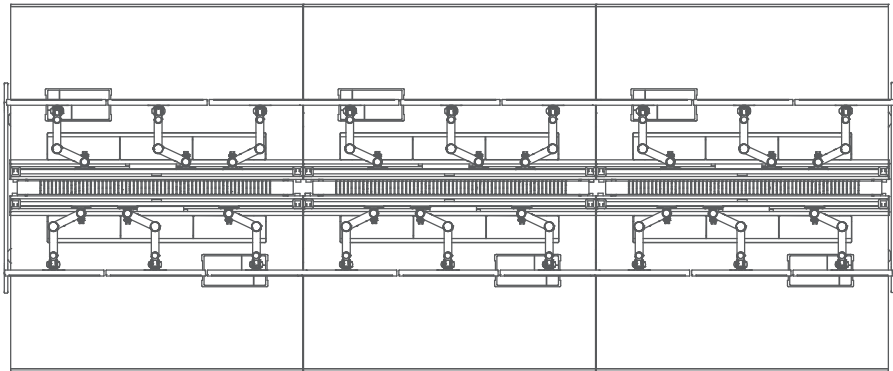
Made from 18mm thick melamine faced chipboard employing folding

PRODUCT CODE

How to order

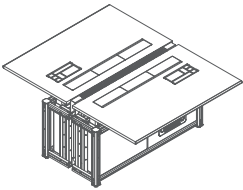
- Step 1: Select configuration set type, Back to back or Single linear set.
- Step 2: Select Slat Wall type
- Step 3: Select XD arm
- Step 4: Select End Panel
- Step 5: Select Storages (optional)

Example :		QTY
1. XD-2BB-W159-SET		3 SET
2. XD-SWA15		6
3. KF1602		18
4. XD-HEP1008SP		2

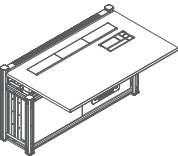


Dealing Desk Set

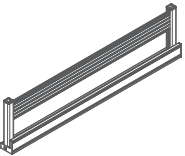
Back to Back Configurations Single Configuration



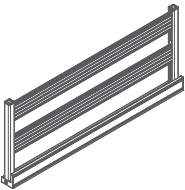
Cluster of 2
XD-2BB-W159-SET



Cluster of 1
XD-S-W159-SET

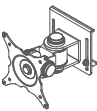


XD-SWA15

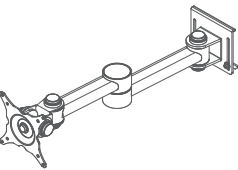


XD-DSWA15

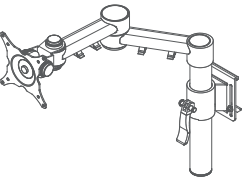
XD Arm



KF1601



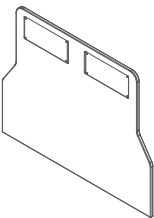
KF1689



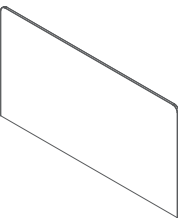
KF1602

End Panel

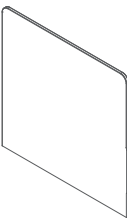
Back to Back



XD-HEP1008SP
[Spray Paint]
XD-HEP1008-ML
[Melamine]

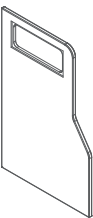


XD-HEPRI808SP
[Spray Paint]
XD-HEPRI808-ML
[Melamine]
XD-HEPRI808TF
[Tackable Fabric]



XD-HEPS1008SP
[Spray Paint]
XD-HEPS1008-ML
[Melamine]
XD-HEPS1008TF
[Tackable Fabric]

Single

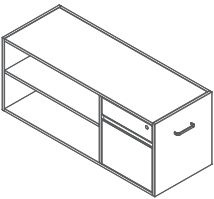


XD-HSEP0803SP
[Spray Paint]
XD-HSEP0803-ML
[Melamine]

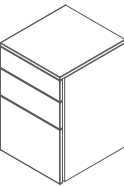


XD-HSEPS0803SP
[Spray Paint]
XD-HSEPS0803-ML
[Melamine]
XD-HSEPS0803TF
[Tackable Fabric]

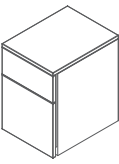
Storages



2 drawer mobile pedestal
Y2-MPC51212-H-MC-R
Y2-MPC51212-H-MC-L



3 drawer mobile pedestal
416x500x617
Y2-MP441205-NH-ML-MD



2 drawer mobile pedestal
416x500x551
Y2-MP61205-NH-ML-MD

