BOSTONtec

Ergonomic Workstations

Bin Rail & Accessories Assembly

Item	Components	Qty
A	Bin rail assembly	1

Part # - BR0429

1 Insert bin rail assembly (A) into slotted uprights at desired position (Fig-1)
   Flat mount - insert top two hooks (Fig-2)
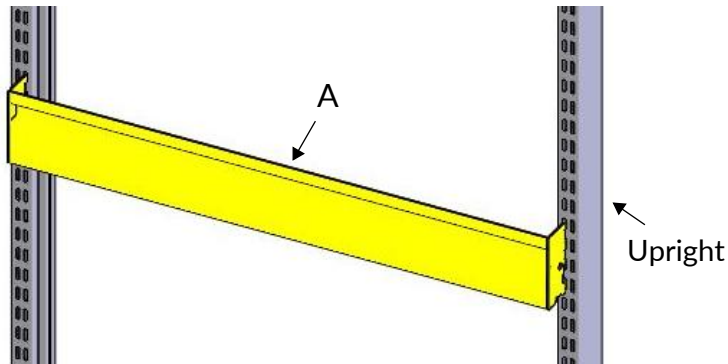   15° tilt mount - insert bottom two hooks (Fig-2)
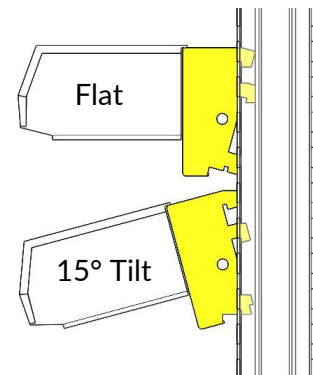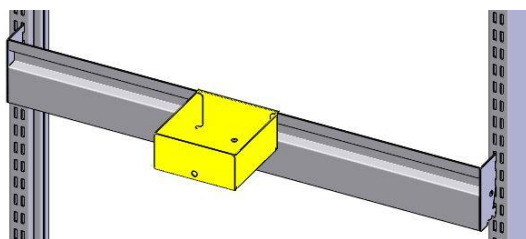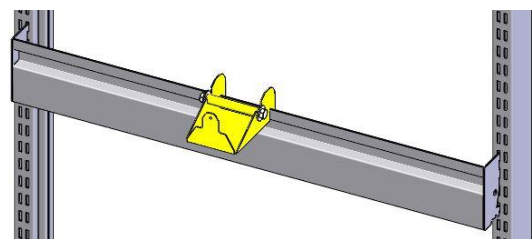
A

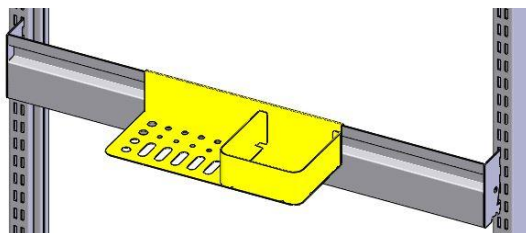Upright

Fig - 1

Flat

15° Tilt

Fig - 2

Bin rail accessories are designed to hang on top of bin rail without tools

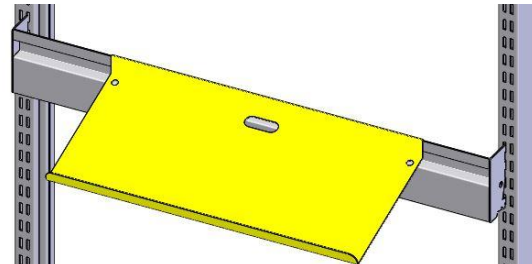Part # KWH000
Kim Wipe Holder

Part # SSH
Solder Spool Holder
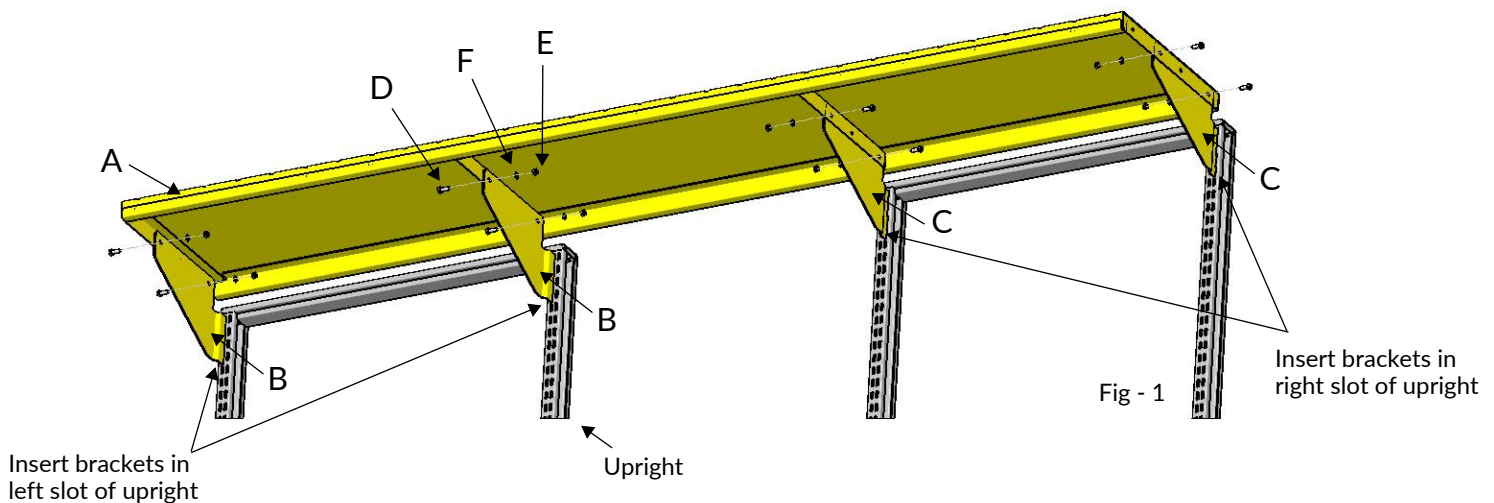
Part # CTT512
Chemical / Tool Tray

Part # KT1907S
Keyboard Tray

Corrugate Storage Shelf Assembly

E

F

D

A

C

C

B

B

Insert brackets in right slot of upright

Fig - 1

Insert brackets in left slot of upright

Upright

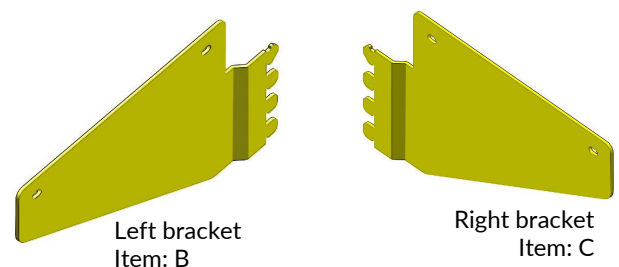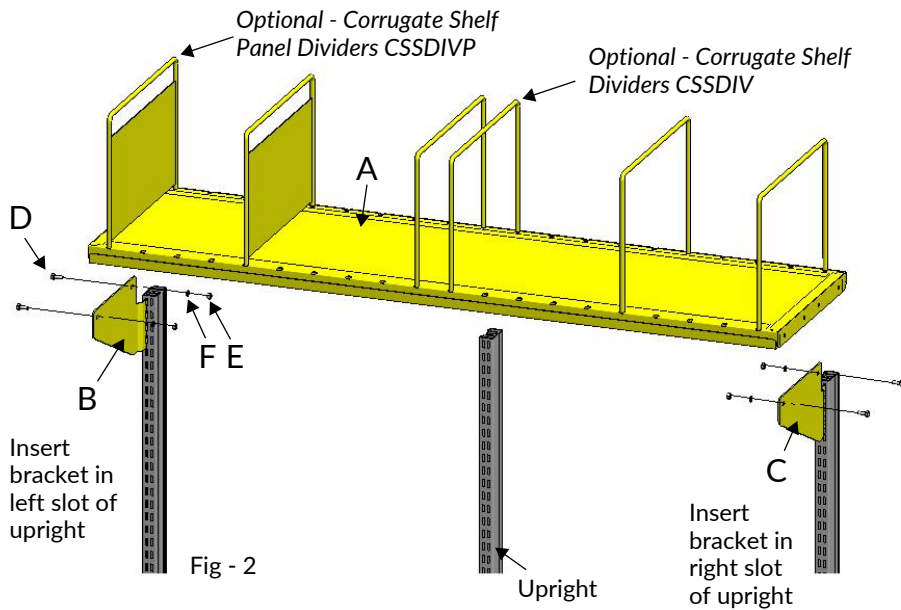**Part #** CSS1590 - 15" x 90" Corrugate Shelf

1   Determine desired height of corrugate shelf and insert corrugate shelf brackets (B and C) into uprights. *See graphics for correct placement in slots of uprights.*

2   Set the corrugate shelf assembly (A) on top of corrugate shelf brackets (B and C).

3   Attach shelf to brackets with 1/4-20 x 1/2" Hex head cap screws (D) , 1/4" Spring lock washers (E) and 1/4-20 Hex nuts (F).

4   Optional - Insert available corrugate shelf dividers CSSDIV or CSSDIVP into pre-drilled holes of corrugate shelf assembly.

Item	Components	Qty
A	Corrugate shelf assembly	1
B	Left corrugate shelf brackets	2
C	Right corrugate shelf brackets	2
D	1/4-20 x 1/2" Hex head cap screw	8
E	1/4" Spring lock washer	8
F	1/4-20 Hex nut	8

Left bracket
Item: B

Right bracket
Item: C

Corrugate Storage Shelf Assembly

Optional - Corrugate Shelf
Panel Dividers CSSDIVP

Optional - Corrugate Shelf
Dividers CSSDIV

A

D

F E

B

Insert
bracket in
left slot of
upright

Fig - 2

Upright

C

Insert
bracket in
right slot
of upright

Part # CSS1530 - 15" x 30" Corrugate Shelf

Item	Components	Qty
A	Corrugate shelf assembly	1
B	Left corrugate shelf brackets	1
C	Right corrugate shelf brackets	1
D	1/4-20 x 1/2" Hex head cap screw	4
E	1/4" Spring lock washer	4
F	1/4-20 Hex nut	4

Optional - Corrugate Shelf
Dividers CSSDIV

A

E

F

D

C

Insert
bracket in
right slot
of upright

Upright

B

Insert
bracket in
left slot of
upright

Fig - 3

Part # CSS1560 - 15" x 60" Corrugate Shelf

Item	Components	Qty
A	Corrugate shelf assembly	1
B	Left corrugate shelf brackets	1
C	Right corrugate shelf brackets	1
D	1/4-20 x 1/2" Hex head cap screw	4
E	1/4" Spring lock washer	4
F	1/4-20 Hex nut	4

Drawer Assembly

Part #s

DRW03/DRW2403
DRW06/DRW2406 *(single drawer fig - 1)*
DRW12/DRWF12/DRW2412
DRW26/DRW2426
DRW612/DRWF612/DRW24612
DRW36/DRW2436 *(stacked drawer fig - 2)*
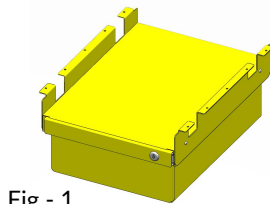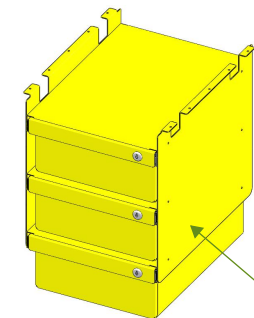DRW212/DRW24212
DRW3612/DRW243612

Qty	Components
8-10	#12 x 3/4" Phillips pan head sheet metal screw
1	Single drawer or stacked drawer assembly

Tool List
#3 Phillips screwdriver, or impact driver with #3 Phillips bit

Side mounting brackets

Fig - 1

Fig - 2

Front 1-1/2" steel deck frame
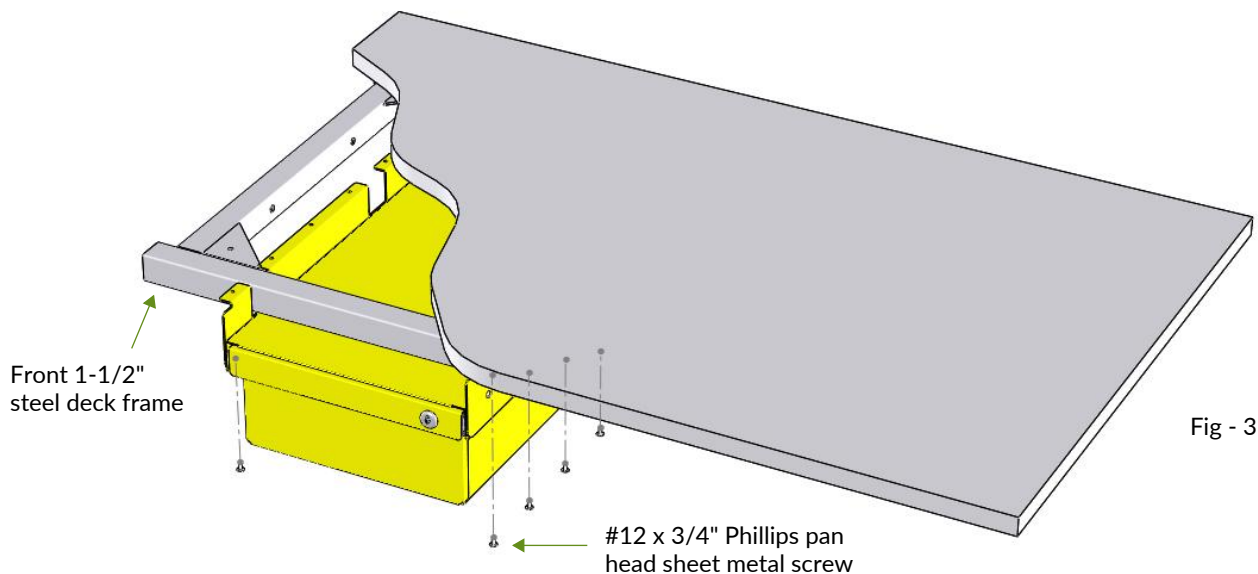
Fig - 3

#12 x 3/4" Phillips pan head sheet metal screw

1   Position drawer assembly under workstation in desired location with the side mounting brackets fitting around the front 1-1⁄2" steel deck frame.

2   Secure the drawer to the underside of the work surface using the #12 x 3/4" Phillips pan head sheet metal screws provided (See Fig – 3).

DRW24XXXX drawers attach using eight screws.

Monitor Arm Assembly
Upright Mounting

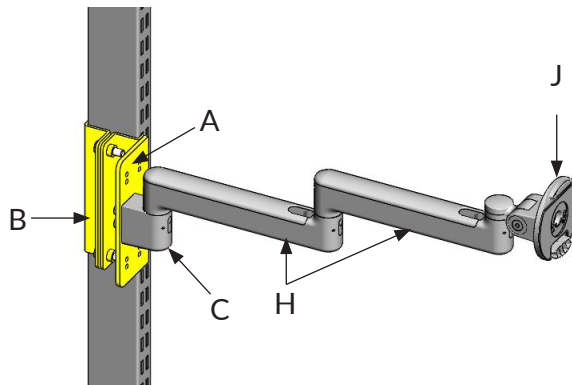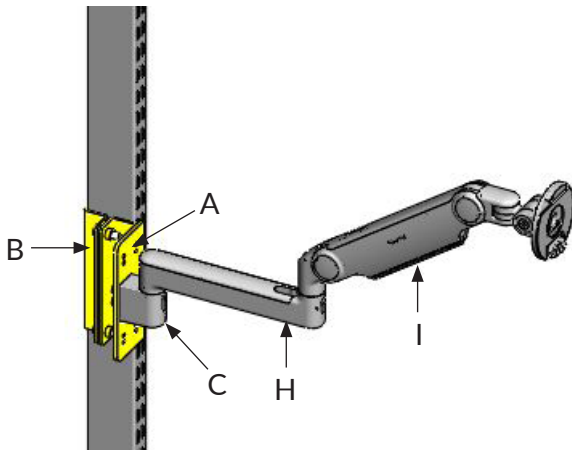| Tool List |
|---|
| Ratchet with 1/2" socket |
| 5mm hex wrench |
| #2 Phillips screwdriver |

Part # PFSMA - Pneumatic Height Adjustable Monitor Arm

Item	Components	Qty
A	Upright mounting clamp half with plate	1
B	Upright mounting clamp half without plate	1
C	Monitor arm mounting block	1
D	5/16" lock washer	2
E	M8-1.25 x 30mm socket head cap screw	2
F	5/16-18 x 1" hex head cap screw	2
G	Monitor arm smart stop ring	2
H	Monitor arm fixed link	1
I	Monitor arm adjustable link	1

Part # FPDA - Articulating Monitor Arm

Item	Components	Qty
A	Upright mounting clamp half with plate	1
B	Upright mounting clamp half without plate	1
C	Monitor arm mounting block	1
D	5/16" lock washer	2
E	M8-1.25 x 30mm socket head cap screw	2
F	5/16-18 x 1" hex head cap screw	2
G	Monitor arm smart stop ring	3
H	Monitor arm fixed link	2
J	Monitor arm VESA mount	1

Monitor Arm Assembly
Upright Mounting

1   Attach monitor arm mounting block (C) to upright mounting clamp half with plate (A) using M8-1.25 x 30mm socket head cap screws (E) and 5/16" lock washers (D) (Fig-1).
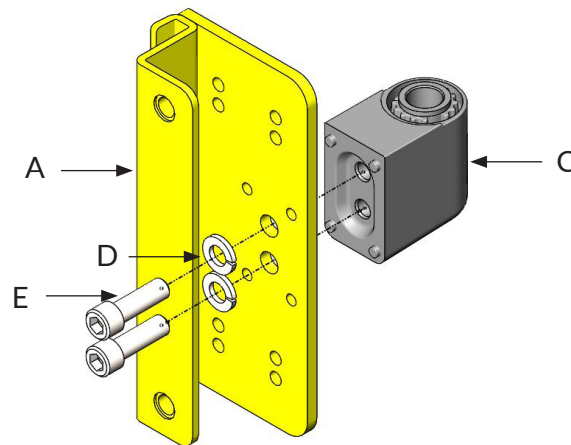

Fig-1

2   Hook upright mounting clamp halves (A) and (B) into desired postion on slotted upright (Fig-2).

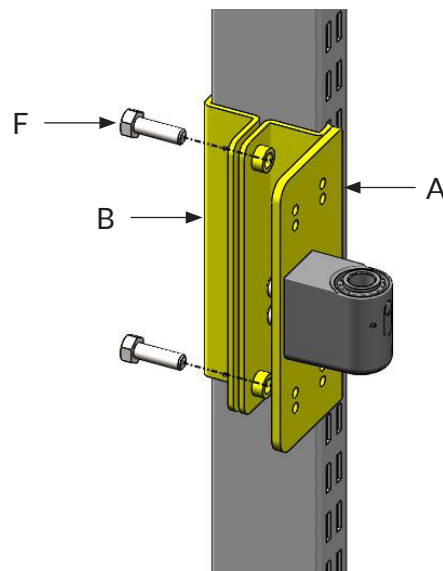**3**   Secure clamp halves to upright using 5/16-18 x1" hex head cap screws (F) (Fig-2).

Fig-2

Monitor Arm Assembly
Upright Mounting

4a Part # - PFSMA

Before adding each link of monitor arm, adjust monitor arm smart stop ring (G) (Fig-3a) according to step 2 in manufacturer's assembly instructions.

1. Insert monitor arm fixed link (H) into monitor arm mounting block (C) until release button locks in place.
2. Insert monitor arm adjustable link (I) into fixed link (H) until release button locks in place.
3. To remove links, press the release buttom and lift upward near the joint.
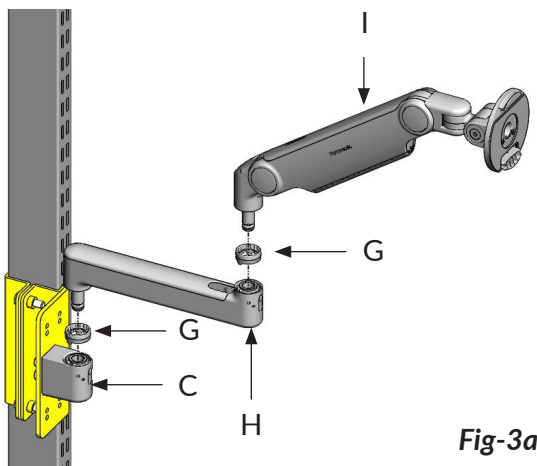
4b Part # - FPDA

Before adding each link of monitor arm, adjust monitor arm smart stop ring (G) (Fig-3b) according to step 2 in manufacturer's assembly instructions.

1. Insert the first monitor arm fixed link (H1) into the monitor arm mounting block (C) until release button locks in place.
2. Insert the second monitor arm fixed link (H2) into the first monitor arm fixed link (H1) until release button locks in place.
3. Insert monitor arm VESA mount (J) into second monitor arm fixed link (H2) until release button locks in place.
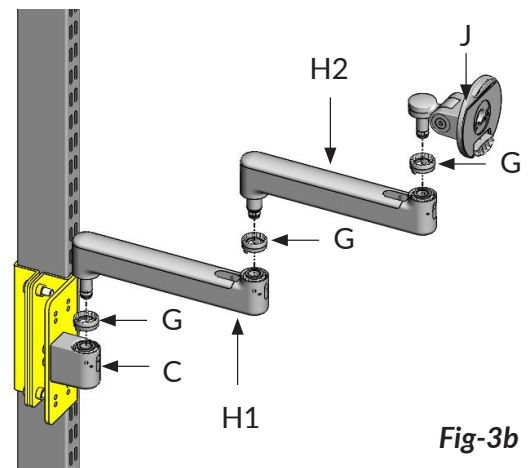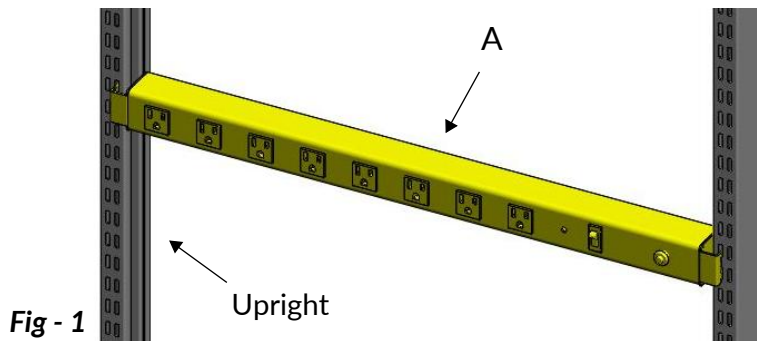4. To remove links, press the release buttom and lift.

Fig-3a

Fig-3b

5 Reference pages 4-7 of manufacturer's assembly instructions for additional information to mount monitor and adjust PFSMA.
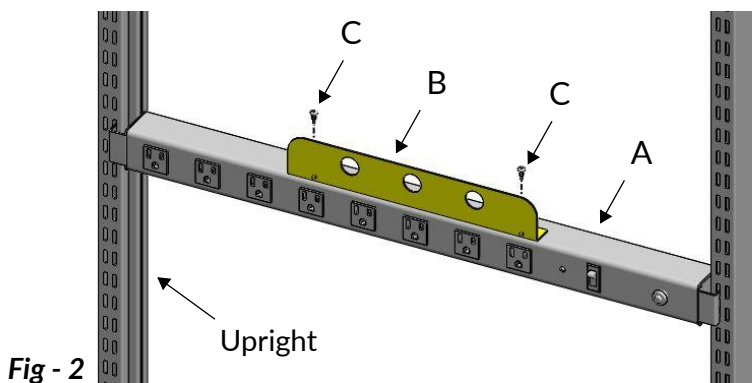
8-Outlet Power Bar & Optional Accessory Assembly

A

Upright

Fig - 1

Part # - PBHM08 - 8 Outlet Power Bar

Item	Components	Qty
A	8-Outlet power bar	1

1 Insert power bar (A) into slotted uprights at desired position (Fig-1)
Power bar can be mounted on front or back of uprights

C

B

C

A

Upright

Fig - 2

Part # - AIR - Air Outlet Mounting Plate

Tool List
Impact driver with #2 Phillips bit

Item	Components	Qty
B	Air outlet mounting plate	1
C	#8 x 1/2" Phillips self-drilling washer head screw	2

1 Place air outlet mounting plate (B) in desired position, above or below 8-outlet power bar (A)

2 Secure air outlet mounting plate (B) using #8 x 1/2" Phillips self-drilling washer head screw (C) (Fig-2)

8-Outlet Power Bar & Optional Accessory Assembly

Part # - HPBWM - Horizontal Power Bar Work Surface Mount

Tool List
Impact driver with #2 Phillips bit
Drill with 5/64" drill bit

Item	Components*	Qty
D	Mounting brackets	2
E	#8 x 3/4" Phillips pan head sheet metal screw	4
F	#8 x 1" Phillips truss washer head self-drilling screw	4

*Extra hardware may be included

Fig - 3

28-7/16" inside measurement

Fig - 4

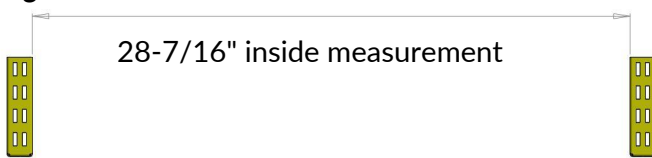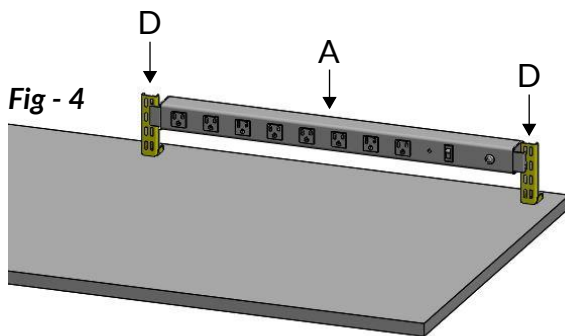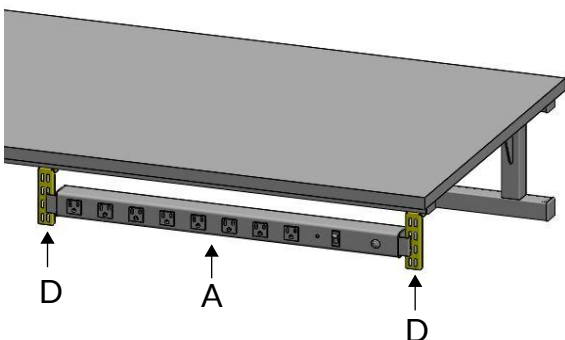D   A   D

Mounting on Work Surface (Fig-4)

1 Place one mounting bracket (D) in desired position on surface and mark through mounting holes for pre-drilling

2 Pre-drill with 5/64" drill bit and secure bracket (D) to surface with #8 x 3/4" Phillips pan head sheet metal screws (E)

3 Measure 28-7/16" between mounting brackets (D) (Fig-3) and repeat steps 1 and 2 to secure remaining bracket

Mounting brackets can also be installed under the work surface

Fig - 5

Mounting on Metal Deck Frame (Fig-5)

1 Place one mounting bracket (D) in desired position on steel deck frame and secure with #8 x 1" Phillips truss washer head self-drilling screws (F)

2 Measure 28-7/16" between mounting brackets (D) (Fig-3) and secure remaining bracket to steel deck frame with #8 x 1" Phillips truss washer head self-drilling screws (F)
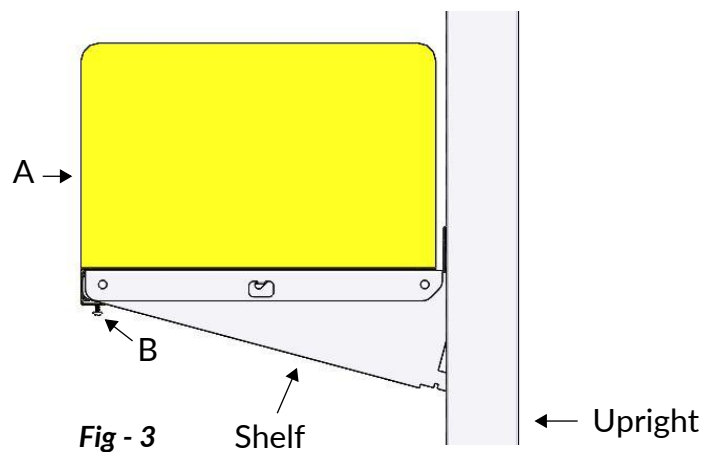
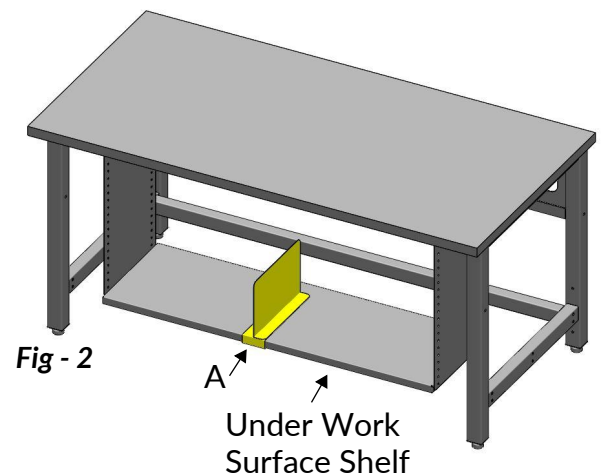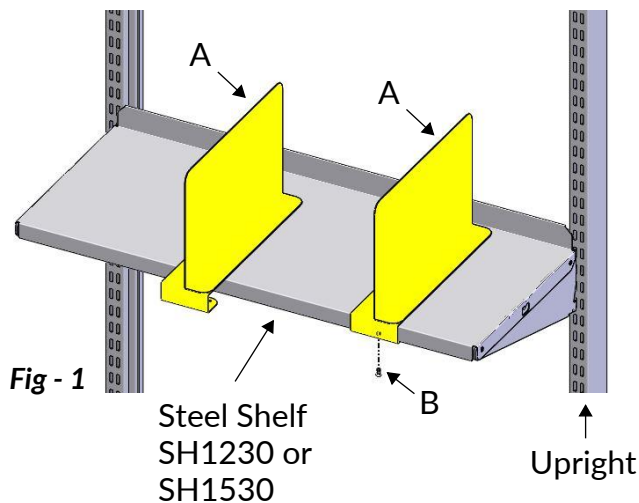D   A   D

Steel Shelf Divider Assembly

Part # - DIV1215 - Steel shelf divider

1 Slide divider (A) onto shelf from front (Fig-1 & Fig-2)

2 Secure divider on shelf with #8-32 x 3/8" Phillips pan head thread cutting machine screw (B) in center hole of divider lip (Fig-1)
Screw pinches divider onto shelf and does not insert into front lip of shelf (Fig-3)
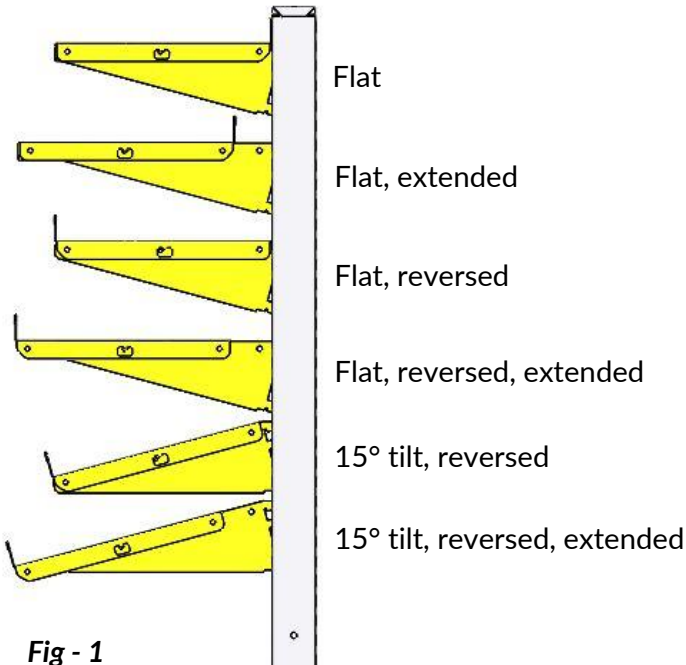
Tool List
#2 Phillips screwdriver, or impact driver with #2 Phillips bit

Item	Components	Qty
A	Divider	1
B	#8-32 x 3/8" Phillips pan head thread cutting machine screw	1

Fig - 1

Steel Shelf SH1230 or SH1530

Upright

B

A

A

Fig - 2

A

Under Work Surface Shelf

A

B

Fig - 3

Shelf

Upright

Steel Shelf Assembly

Flat

Flat, extended

Flat, reversed

Flat, reversed, extended

15° tilt, reversed

15° tilt, reversed, extended

Fig - 1

Part # -
SH0830 - Steel shelf 8"d x 30"w
SH1230 - Steel shelf 12"d x 30"w
SH1530 - Steel shelf 15"d x 30"w

Item	Components	Qty
A	Shelf pan	1
B	Mounting brackets	2

The BOSTONtec steel shelf can be mounted in the uprights in multiple positions (Fig-1):

- Flat or 15° tilted surface
- Extended from the uprights
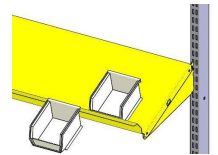- Reversed with lip in the front stops objects from sliding off, such as storage bins (Fig-2)

Fig - 2

1 Place shelf pan (A) on mounting brackets (B) (Fig-3) and ensure small positioning tab is inserted into slot of bracket (B) (Fig-4)

2 Select desired slots in uprights and insert brackets (B) of assembled shelf into uprights
    Flat mount - insert top two hooks (Fig-5)
    15° tilt mount - insert bottom two hooks (Fig-6)

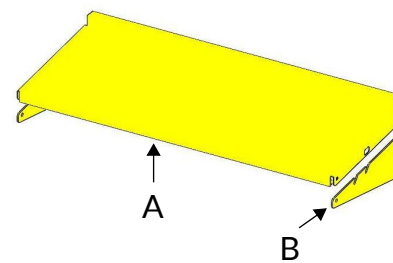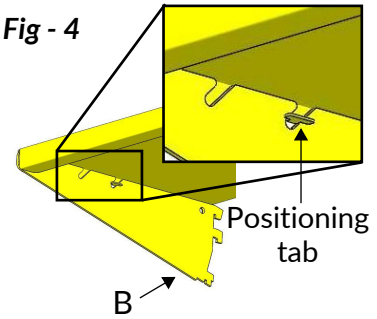3 Make sure tabs are secured down into slots of uprights

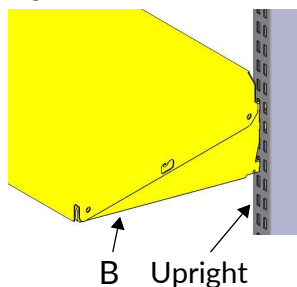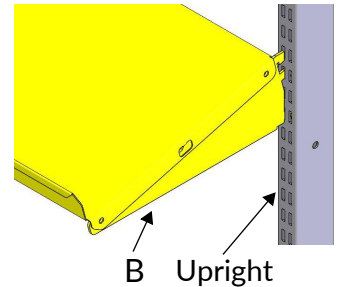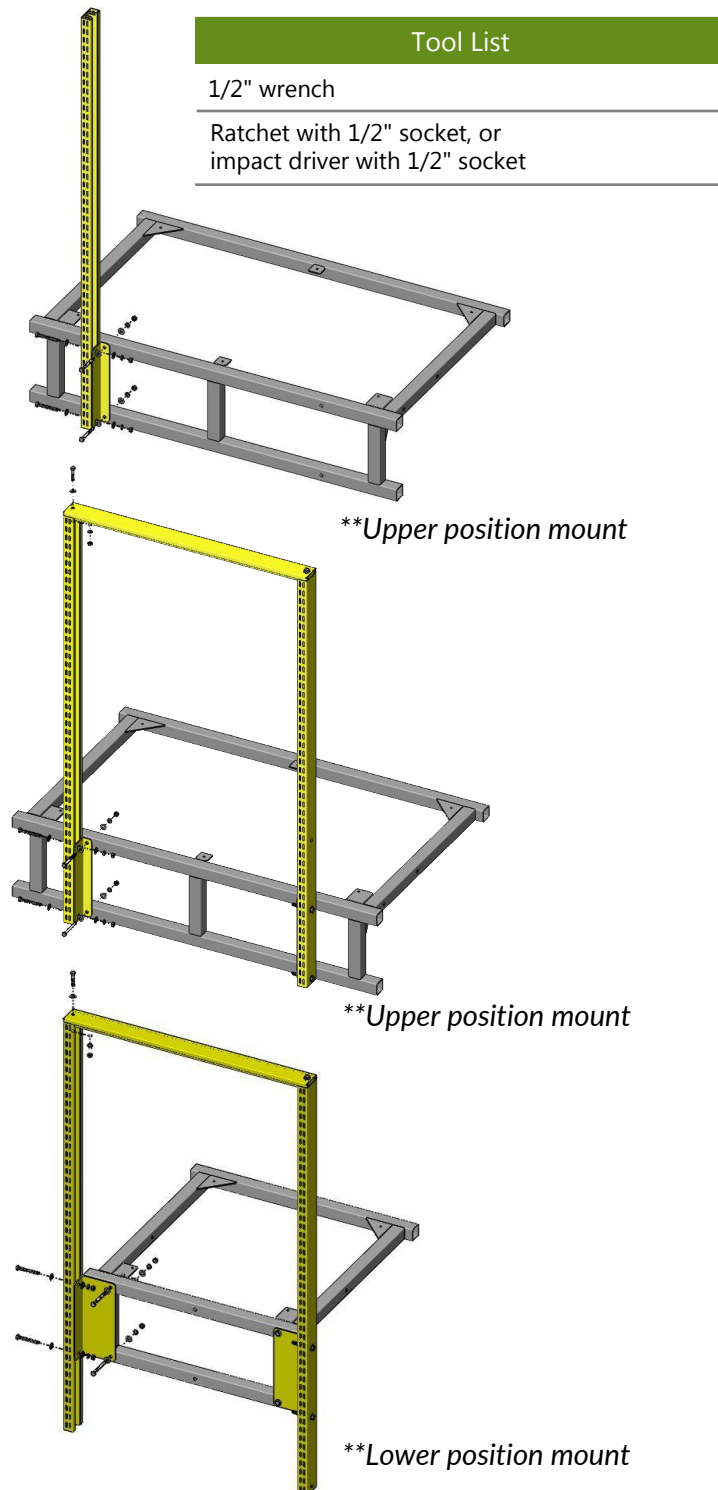*When installing or moving shelves, always grab by shelf brackets and shelf pan. **Grabbing by only shelf pan may drop brackets.***

Fig - 3

A

B

Fig - 4

Positioning tab

B

Fig - 5

B   Upright

Fig - 6

B   Upright

Industrial Upright Assembly

Tool List
1/2" wrench
Ratchet with 1/2" socket, or impact driver with 1/2" socket

**Upright position mount

**Upper position mount

**Lower position mount

Part # SUP53 - Single Slotted Upright

Item	Components*	Qty
A	53" Slotted upright	1
C	Upright mounting bracket	1
D	5/16-18 x 2 1/2" Hex head cap screw	4
F	5/16-18 Hex nut	4
G	5/16" Flat washer	8
H	5/16" Lock washer	4

Part # SBUP53 - Single Bay Slotted Uprights

Item	Components*	Qty
A	53" Slotted upright	2
B	30" Top cross bar	1
C	Upright mounting brackets	2
D	5/16-18 x 2 1/2" Hex head cap screw	8
E	5/16-18 x 1 1/2" Hex head cap screw	2
F	5/16-18 Hex nut	10
G	5/16" Flat washer	18
H	5/16" Lock washer	10

Part # SBUP53-30 - Single Bay Slotted Uprights for 30" Workstations

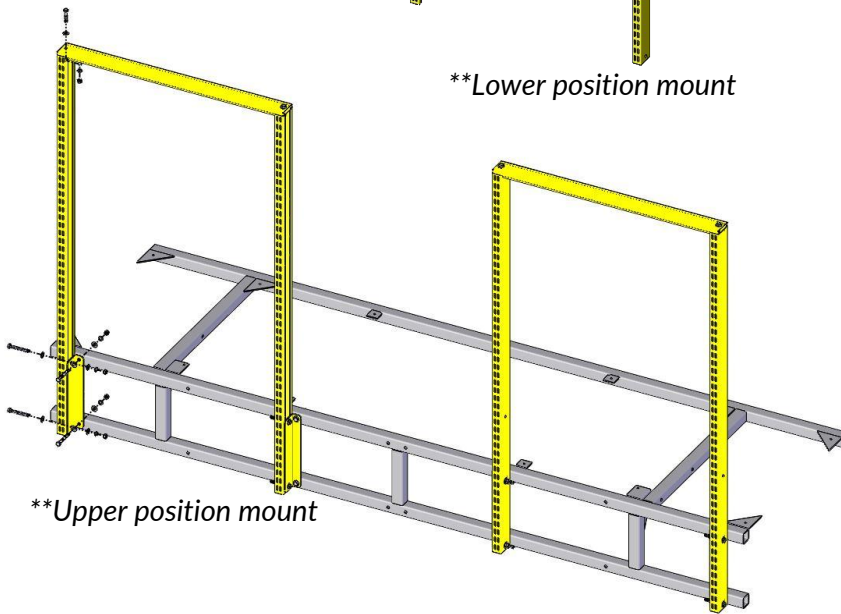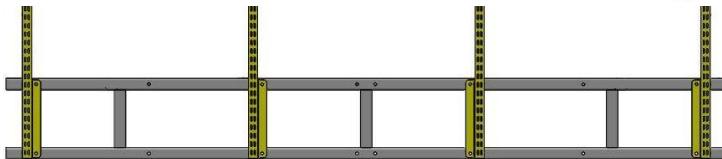| Item	Components*	Qty
A	53" Slotted upright	2
B	30" Top cross bar	1
C	Upright mounting brackets	2
D	5/16-18 x 2 1/2" Hex head cap screw	8
E	5/16-18 x 1 1/2" Hex head cap screw	2
F	5/16-18 Hex nut	10
G	5/16" Flat washer	18
H	5/16" Lock washer	10

*Extra hardware may be included

Industrial Upright Assembly

***Lower position mount**

***Upper position mount**

TBUP53 bracket placement

Part # DBUP53 - Double Bay Slotted Uprights

Item	Components*	Qty
A	53" Slotted upright	3
B	60" Top cross bar	1
C	Upright mounting brackets	3
D	5/16-18 x 2 1/2" Hex head cap screw	12
E	5/16-18 x 1 1/2" Hex head cap screw	3
F	5/16-18 Hex nut	15
G	5/16" Flat washer	27
H	5/16" Lock washer	15

Part # TBUP53 - Triple Bay Slotted Uprights

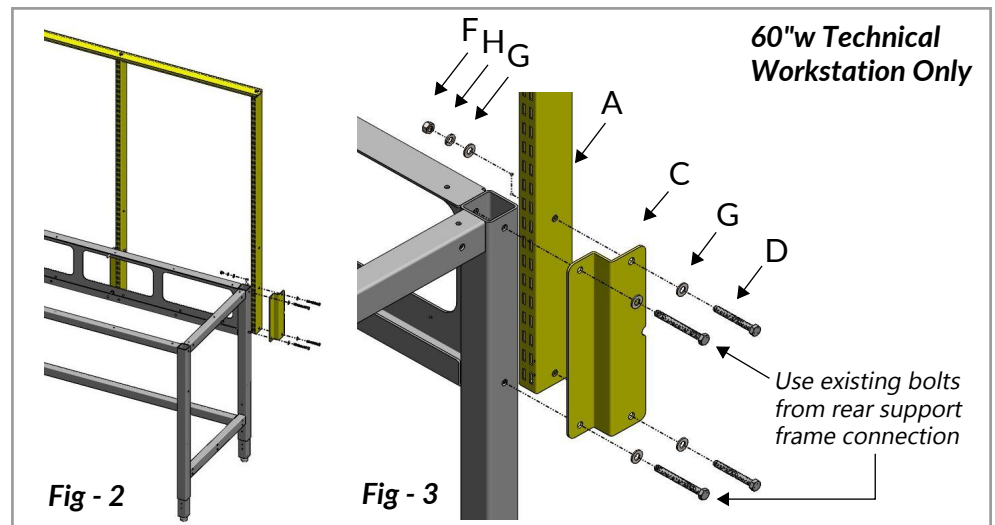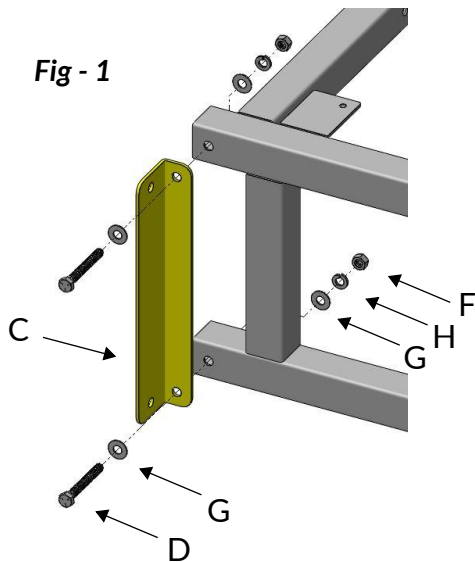| Item	Components*	Qty
A	53" Slotted upright	4
B	30" Top cross bar	2
C	Upright mounting brackets	4
D	5/16-18 x 2 1/2" Hex head cap screw	16
E	5/16-18 x 1 1/2" Hex head cap screw	4
F	5/16-18 Hex nut	20
G	5/16" Flat washer	36
H	5/16" Lock washer	20

*Extra hardware may be included

1 Select the mounting holes on the rear deck frame as illustrated on page 4.
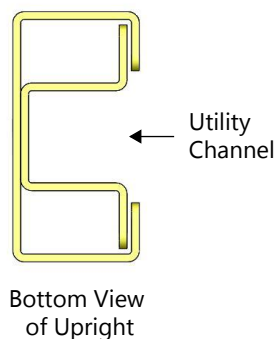**All industrial uprights can mount 33" (lower position) or 42" (upper position) above work surface.

Industrial Upright Assembly

2 Mount the upright brackets (C) to rear of table using the 5/16-18 x 2 1/2" hex head cap screws (D), 5/16" flat washers (G), 5/16" lock washer (H) and 5/16-18 hex nuts (F) (Fig-1)
See Fig-2 and Fig-3 for mounting outer brackets on a 60"w technical workstation
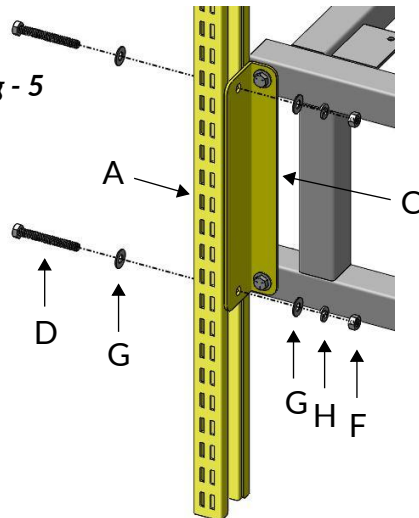
Fig - 1

60"w Technical Workstation Only

F H G

A

C

G

D

C

F

H

G

G

D

Use existing bolts from rear support frame connection

Fig - 2   *Fig - 3*

3 Position the uprights (A) with utility channel (Fig-4) facing the upright mounting brackets (C). Mount using the 5/16-18 x 2 1/2" hex head cap screws (D), 5/16" flat washers (G), 5/16" lock washers (H) and 5/16-18 hex nuts (F).
Utility channel does not face the outer brackets on a 60"w technical workstation (Fig-3)
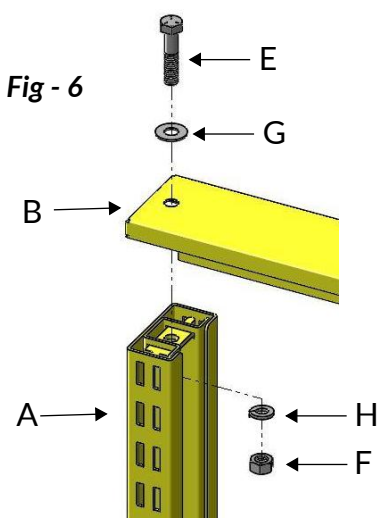
4 Mount the top cross bar (B) to the uprights (A) using the 5/16-18 x 1 1/2" hex head cap screw (E), 5/16" flat washers (G), 5/16" lock washer (H) and 5/16-18 hex nuts (F) (Fig-5)

Fig - 4

Utility Channel

Bottom View of Upright

Fig - 5

A

C

D

G

G H F

Fig - 6

E

G

B

A

H

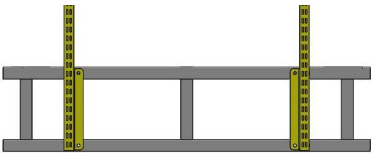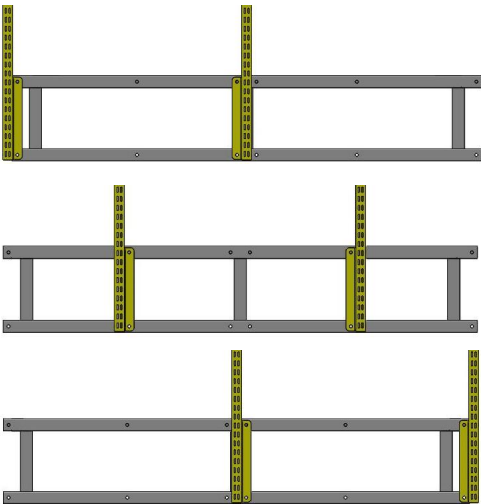F

BOSTONtec
Ergonomic Workstations

Optional Upright Mounting Positions

Industrial workstations are pre-drilled on the rear deck frame for multiple upright mounting positions. These photos show mounting options and bracket placement on the back of workstation.
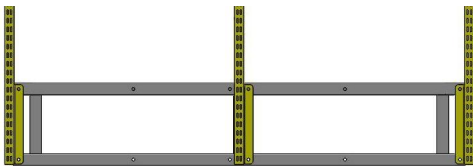
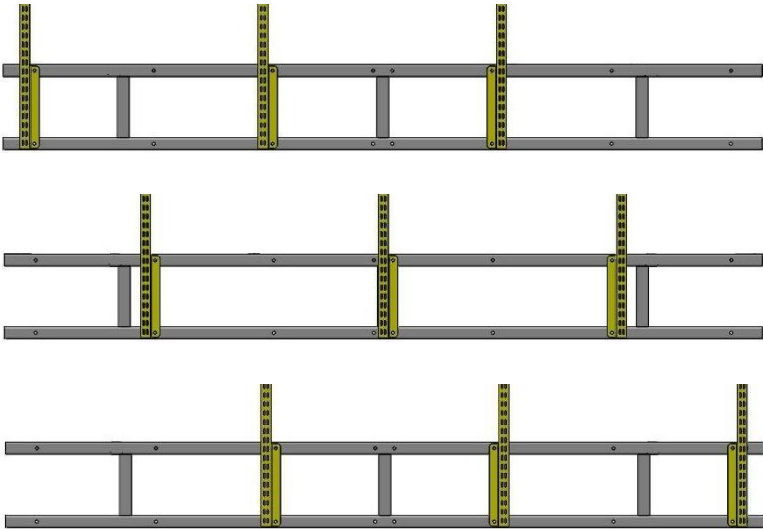**SBUP53** mounting position for 36"w and 48"w workstations. Uprights shown on 48"w workstation.

SBUP53 optional mounting positions for 60"w, 72"w and 84"w workstations. Uprights shown on 60"w workstation.

DBUP53 mounting position for 60"w, 72"w and 84"w workstations. Uprights shown on 60"w workstation.

DBUP53 optional mounting positions for 96"w workstation

SBUP53 optional mounting positions for 96"w workstation