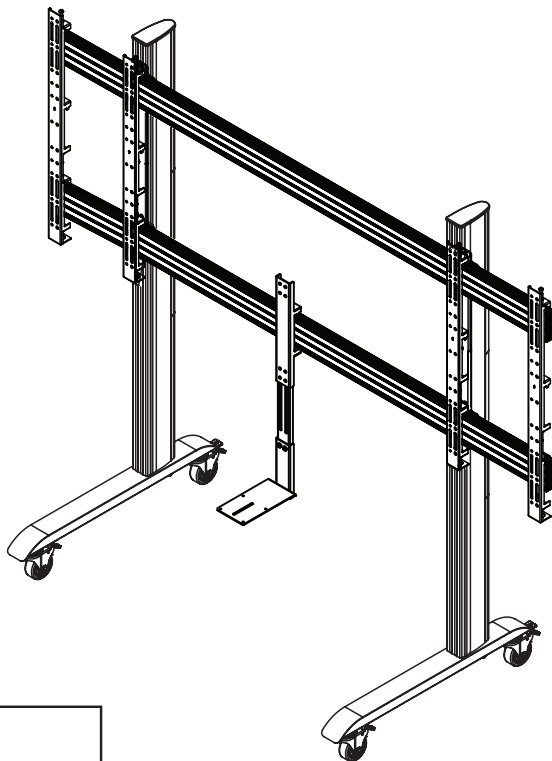


BT8518

XXL TWIN SCREEN VC TROLLEY

INSTALLATION GUIDE



SPECIFICATIONS

- Mobile trolley designed to mount 2 screens side-by-side
- Max weight per screen: 100kg (220lbs)
- Recommended screen size: 75" - 86"
- Fits screens with VESA® mounting patterns up to 1000 x 800mm
- Includes VC shelf which can be fixed above or below the screens
- Features non-marking braked 4" castors, alternative levelling feet also included
- Dimensions:
W.3000mm (118") H.2026mm (79") D.950mm (37.40")



(PER SCREEN)

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INSTALLATION SAFETY INSTRUCTIONS



CAUTION: This mount is intended for use only with the maximum weights indicated. Use with screens heavier than the maximum indicated may result in instability causing possible injury.

Do not attempt to install this product until all instructions and warnings have been read and properly understood.
Please keep these instructions for future reference.

Please check carefully to make sure there are no missing or defective parts - defective parts must never be used.

B-Tech AV Mounts, its distributors and dealers are not liable or responsible for damage or injury caused by improper installation, improper use or failure to observe these safety instructions. In such cases, all guarantees will expire.

General

B-Tech AV Mounts recommends that a professional AV installer or other suitably qualified person install this product. Great care must always be taken during installation as most AV equipment is of a fragile nature, possibly heavy and easily damaged if dropped.

If you do not fully understand the instructions or are not sure how to install this product safely, then please consult a professional for advice and/or to install this product for you. Failure to mount this product correctly may cause serious injury or death both during installation and at any time thereafter.

Do not mount any AV equipment that exceeds the specific weight limit of the product you are installing.

This weight limit will be clearly stated on each product and its packaging and will vary from product to product.

Trolley operation

Warning: The trolley can tip over which may lead to serious injury. Only adults should push this trolley, do not allow children under 16 to move the trolley. Push the trolley on the narrow side, never pull the trolley. Do not push at the top of the trolley, push near the middle. Move the trolley slowly. Always park on level ground, never leave the trolley on an incline. Apply the brakes when the trolley is stationary, release the brakes when pushing the trolley.

Product location

Please pay careful attention to where this product is located, some locations are not suitable for installation.

For indoor use only. Install stand on level ground. When verifying the stability of the structure, consider the following external factors: The strength of the floor, exposure to sudden and severe wind and danger arising from contact with people and / or objects (eg installations in passageways, emergency exits), if located in a public or frequently populated area ensure that the product is out of the immediate reach of people.

Fixing hardware

It is highly recommended that all fixing screws be used where supplied and that the purpose of all other fixing hardware is fully understood. In some cases more AV equipment fixing hardware will be supplied to accommodate different models of equipment and set up configurations.

The installer must be satisfied that any supplied fixing hardware is suitable for each specific installation.

If any fixing screws or included hardware are deemed not sufficient for a safe installation then please consult a professional or your local hardware store.

Hazard limitation

When routing cables take advantage of any built in cable management features that the product might provide and ensure that all cables are tidy and secure. Check to see that any moving aspect of the product can do so unhindered by any cabling. Some products have moving parts and the potential to cause injury through the crushing or trapping of fingers or other body parts. Particular attention to the nature of moving parts is required especially when assembling installing and adjusting during set up. Immediately after installation double-check that the work done is safe and secure. Double-check all necessary fixings are present and are of ample tightness.

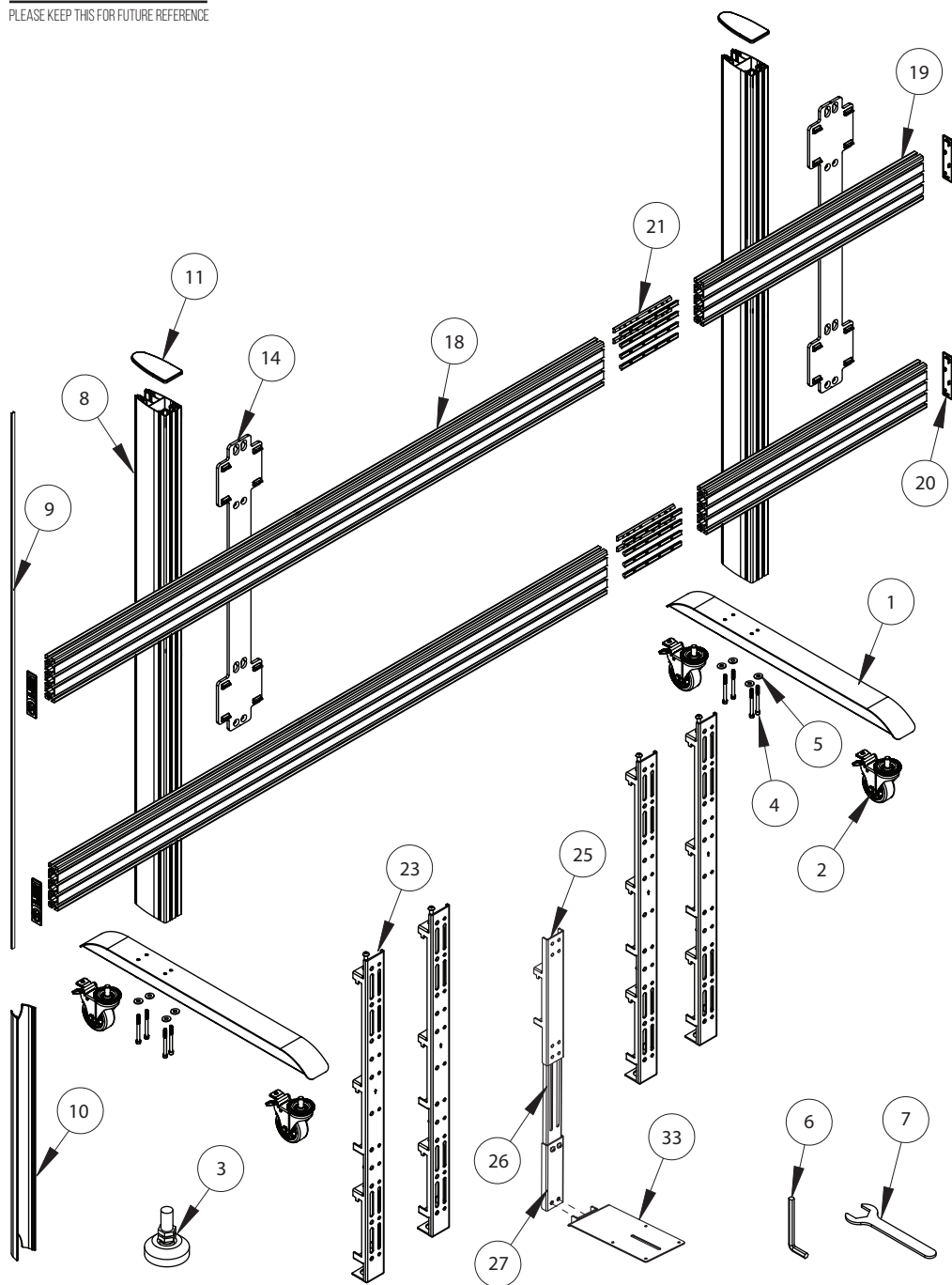
It is recommended that periodic inspections of the product and its fixing points are made as frequently as possible to ensure that safety is maintained. If in doubt consult a professional AV installer or other suitably qualified person.

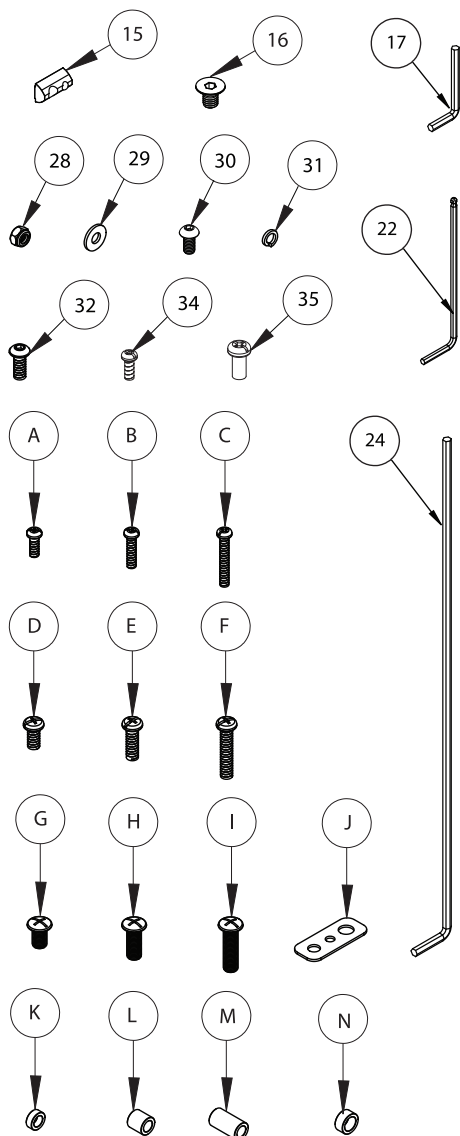
- CN B-Tech AV Mounts 建议本产品由专业AV安装人员或其他合格人员安装。B-Tech AV Mounts 及其它的代理商、经销商不对由于不恰当的安装而造成的损失或伤害负责。本产品必须安装在合适的架构上，并仅用于不超过所标示的最大承重。
- CS Společnost B-Tech AV Mounts doporučuje provést instalaci tohoto produktu instalátora AV či jinak způsobilé osoby. Společnost B-Tech AV Mounts, její distributoři a prodejci nenesou prostřednictvím odborného odpov. édnost za škody nebo zranění zp. ůsobená nevhodnou instalací. Tento výrobek je nutno umístit do vhodné konstrukce a používat jen po uvedené maximální výšku.
- DE B-Tech AV Mounts empfiehlt, dass dieses Produkt durch einen qualifizierten AV-Techniker oder eine andere Person mit geeigneter Qualifikation installiert wird. B-Tech AV Mounts, ihre Distributoren und Händler können nicht für durch fehlerhafte Montage verursachte Beschädigung oder Verletzung haftbar bzw. verantwortlich gemacht werden. Dieses Produkt muss auf eine geeignetem Untergrund montiert werden und darf nur bis zum angegebenen Höchstgewicht verwendet werden.
- EN B-Tech AV Mounts recommends that this product be installed by a qualified AV technician or other suitably qualified person. B-Tech AV Mounts, its distributors and dealers are not liable or responsible for damage or injury caused by improper installation, improper use or failure to observe these safety instructions. In such cases, all guarantees will expire. This product must be mounted on a suitable surface and may only be used up to the specified maximum weight.
- ES B-Tech AV Mounts recomienda que un instalador de audio y vídeo profesional u otra persona debidamente cualificada instale este producto. B-Tech AV Mounts, sus distribuidores y concesionarios no se hacen cargo ni se responsabilizan de ningún daño o lesión provocados por una instalación inapropiada. Este producto se debe montar en una estructura adecuada y se debe utilizar soportando solamente hasta el peso máximo indicado.
- FR B-Tech AV Mounts recommande de confier l'installation de ce produit à un installateur AV professionnel ou à une autre personne dûment qualifiée. B-Tech AV Mounts, ses distributeurs et ses revendeurs ne sauraient être tenus responsables de tout dégât ou de toute blessure résultant d'une installation incorrecte. Ce produit doit être monté sur un support approprié et utilisé dans la limite du poids maximum indiqué.
- IT B-Tech AV Mounts consiglia di affidare l'installazione di questo prodotto a un installatore specializzato o ad altra persona adeguatamente qualificata. B-Tech AV Mounts, i suoi distributori e rivenditori non accettano alcuna responsabilità nei riguardi di eventuali danni o infortuni causati da un'errata installazione. Questo prodotto deve essere fissato a una struttura idonea e utilizzato unicamente sino al peso massimo indicato.
- JP B-Tech AV Mounts はAV設置の専門家または適合した知識を備えた人が製品を設置することを推奨します。B-Tech AV Mounts と販売店、取引先はこうした安全指針に従わない場合に随伴される製品の損傷や傷害に対する責任を負いません。場合によって製品が設置されるに適していないところもあるので設置位置に特別な注意を傾けてください。この製品の位置に注意を傾けて設置に適していない壁があるかを確認してください。指定した重さ制限を超過するAV装備を装着しないでください。
- KR B-Tech AV Mounts 는 AV 설치 전문가 또는 적합한 지식을 갖춘 사람이 제품을 설치하도록 권장합니다. B-Tech AV Mounts 와 판매점, 거래처는 이러한 안전 지침을 따르지 않을 경우에 수반될 제품의 손상이나 손해에 대한 책임을 지지 않습니다. 경우에 따라 제품이 설치되기에 적합하지 않은 곳들도 있으므로 설치 위치에 특별한 주의를 기울여 주시기 바랍니다. 제품의 설치 위치에 주의를 기울여 확인하십시오. 지정된 무게 제한을 초과하는 AV 장비를 장착하지 마십시오.
- NL B-Tech AV Mounts adviseert om dit product te laten installeren door een professionele AV-instalateur of andere hiervoor gekwalificeerde persoon. B-Tech AV Mounts, haar distributeurs en dealers zijn niet aansprakelijk of verantwoordelijk voor schade of letsel die is veroorzaakt door onoordeelkundige installatie. Dit product moet worden gemonteerd aan een geschikte constructie, waarbij het aangegeven maximum gewicht niet mag worden overschreden.
- PL Firma B-Tech AV Mounts zaleca, aby ten produkt był instalowany przez profesjonalnych instalatorów AV lub inny odpowiednio przeszkolony personel. Firma B-Tech AV Mounts, jej dystrybutorzy i dealerzy nie ponoszą odpowiedzialności za uszkodzenia lub obrażenia ciała powstałe w wyniku nieprawidłowej instalacji. Niniejszy produkt musi być amontowany na odpowiedniej powierzchni, a podczas użytkowania nie wolno przekraczać podanego maksymalnego obciążenia.
- PT A B-Tech AV Mounts recomenda que a instalação deste produto seja efectuada por um instalador de AV profissional ou outra pessoa devidamente habilitada. A B-Tech AV Mounts e os seus distribuidores e concessionários não são responsáveis por danos ou lesões causados por uma instalação incorrecta. Este produto tem de ser montado numa estrutura adequada e utilizado somente até ao peso máximo indicado.
- RU Компания B-Tech AV Mounts рекомендует, чтобы установка данного изделия производилась инженером по установке аудио-видеотехники или другим специалистом с соответствующей квалификацией. Компания B-Tech AV Mounts ее дистрибьюторы и дилеры не несут ответственности за повреждения или травмы, полученные в результате неправильной установки.

توصي بي- تك للتجارة الدولية المحدودة بأن شخص محترف في تركيب ال AV او شخص مؤهل تأهيلا مناسباً لتركيبة هذا المنتج. بي- تك للتجارة الدولية، موزعيها والتجار ليست عرضة أو مسؤولة عن الأضرار أو الإصابات الناجمة عن تركيب غير سليم، والاستخدام غير السليم أو عدم مراعاة هذه التعليمات للسلامة. يجب أن يتم تركيب هذا المنتج في بنية مناسبة ويجب استخدام فقط لدعم الحد الأقصى للوزن المشار إليه.

BT8518 PARTS LIST

PLEASE KEEP THIS FOR FUTURE REFERENCE





INSTALLATION TOOLS REQUIRED

Screwdriver

Knife/Cutter

Level (Optional)



Max Weight: 100kg (220lbs) per screen

ITEM	PART NAME	QTY
1	BASE	2
2	CASTOR	4
3	LEVELING FOOT	4
4	M8 x 90mm SCREW	8
5	M8 WASHER	8
6	6AF HEX KEY	2
7	24mm SPANNER	2
8	VERTICAL COLUMN	2
9	PLASTIC SLOT INSERT	8
10	CABLE COVER	6
11	COLUMN END CAP	2
12	M8 SLIDING NUT	4
13	M8 x 16mm SCREW	4
14	RAIL-TO-COLUMN FIXING PLATE	2
15	M8 SLIDING NUT	16
16	M8 x 12mm SCREW	16
17	5AF HEX KEY	2
18	MOUNTING RAIL L:2000mm	2
19	MOUNTING RAIL L:1000mm	2
20	RAIL END CAP	4
21	EXTENSION RAILS	12
22	3AF HEX KEY	1
23	INTERFACE ARM	4
24	5AF x L550mm HEX KEY	1
25	HOOK ON ARM	1
26	LONG EXTENSION ARM	1
27	SHORT EXTENSION ARM	1
28	NUT	4
29	WASHER	4
30	M8 x 16mm SCREW	4
31	SPRING WASHER	4
32	M8 x 20mm SCREW	2
33	VC SHELF	1
34	M4 x 10mm SCREW	4
35	UNC 1/4" x 1/2" SCREW	1
SCREEN INTERFACE KIT		
A	M6 x 16mm SCREW	4
B	M6 x 25mm SCREW	4
C	M6 x 40mm SCREW	4
D	M8 x 16mm SCREW	4
E	M8 x 25mm SCREW	4
F	M8 x 40mm SCREW	4
G	M10 x 16mm SCREW	4
H	M10 x 25mm SCREW	4
I	M10 x 40mm SCREW	4
J	MULTIWASHER	4
K	5mm SPACER	4
L	13mm SPACER	4
M	24mm SPACER	4
N	7mm SPACER	4

INSTALLATION INSTRUCTIONS

1. CONNECT MOUNTING RAILS

- i. On one side of *item 18*, insert 4x *item 21* half-way into each channel.
 - ii On the other side of *item 18*, insert *item 21* into the 2 centre channels - See Fig. 1
 - iii. Fasten the grub screws loosely *item 21*, fixing the extension bar to the mounting rail.
 - iv. Slide *item 19* onto *item 21* and tighten all grub screws, securely connecting the rails.
- Repeat for both sets of rails.

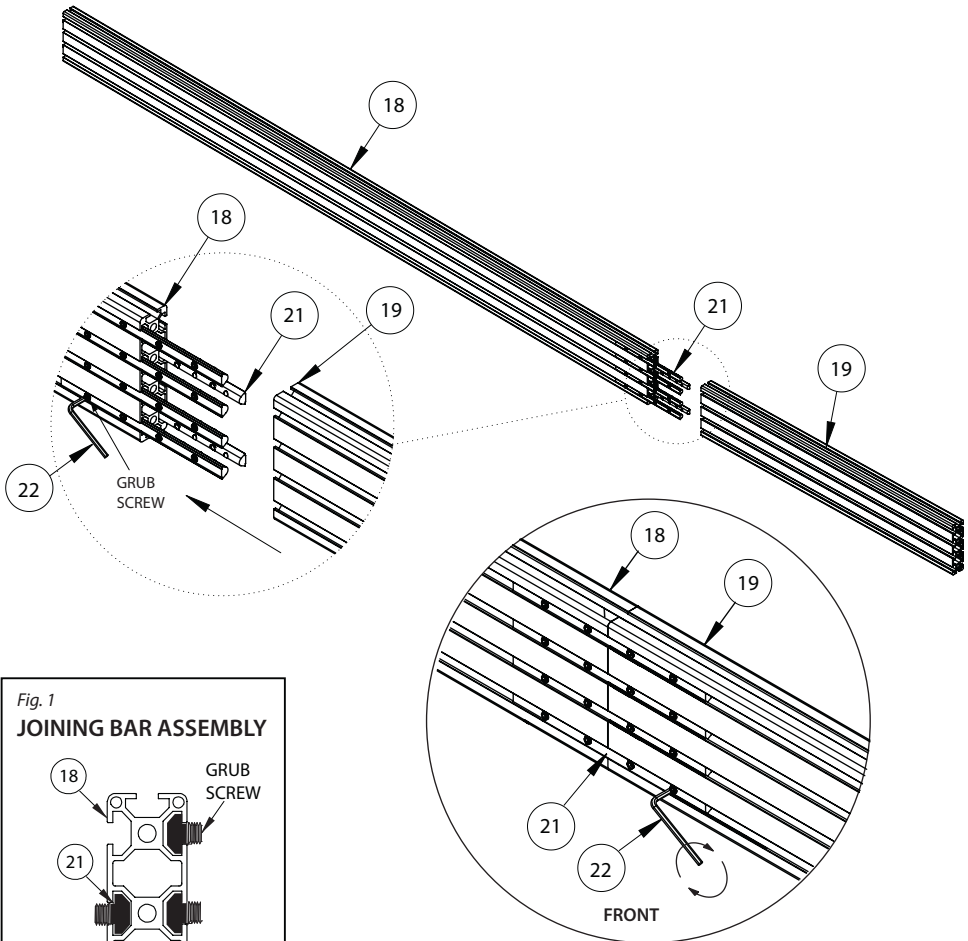
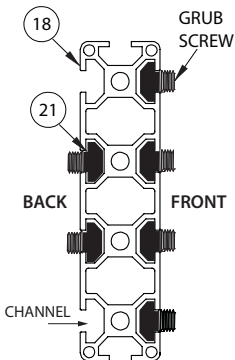


Fig. 1

JOINING BAR ASSEMBLY



Combined Mounting Rails



2. INSERT SLIDING NUTS INTO MOUNTING RAILS

On both ends of *item 18*, Insert 4x *item 15* into the front of the rail.

Two in the top channel and two in the bottom channel - See Fig 2. for positioning inside the rail.
Repeat for both rails.

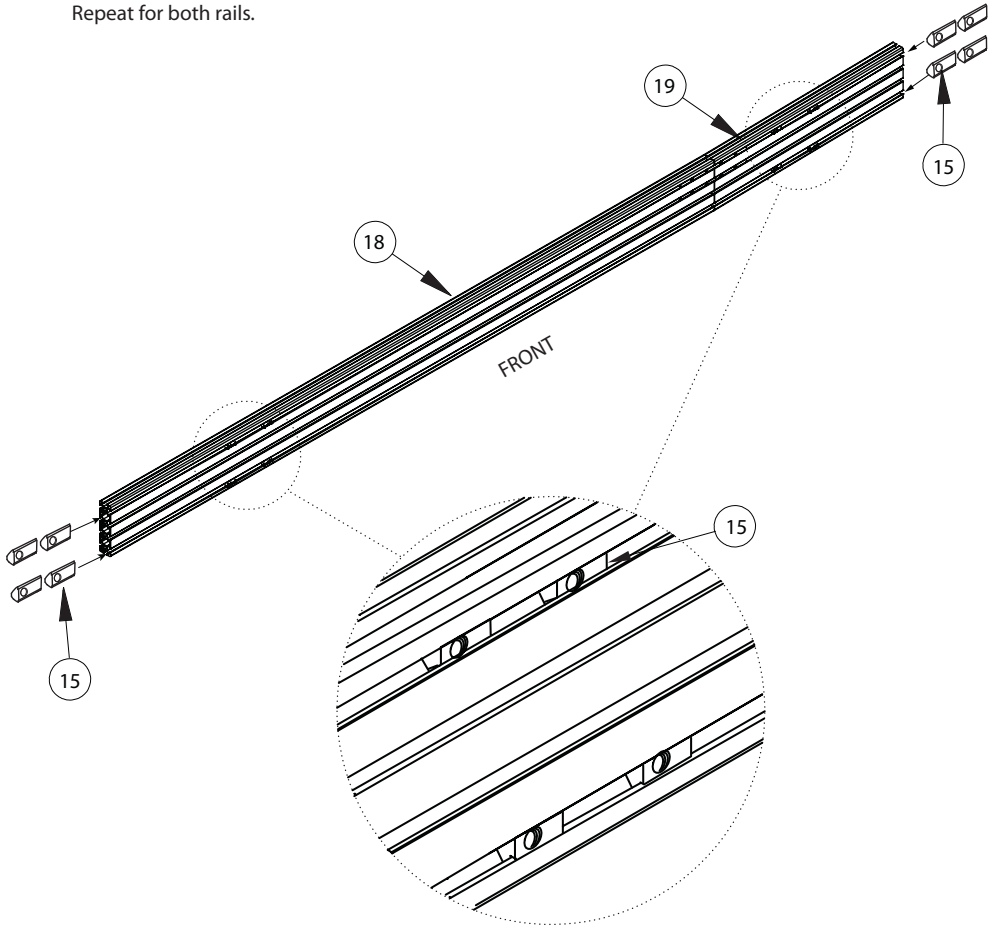
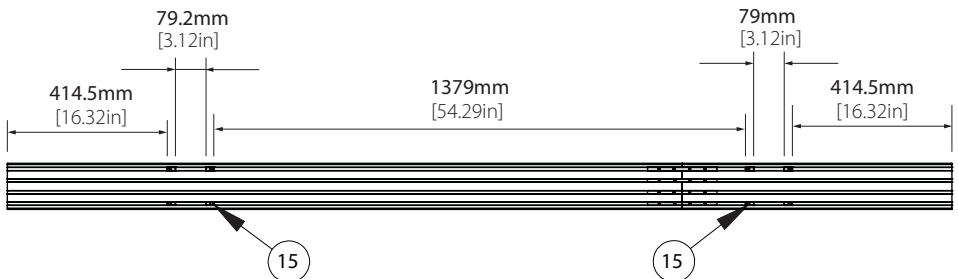


Fig 2.

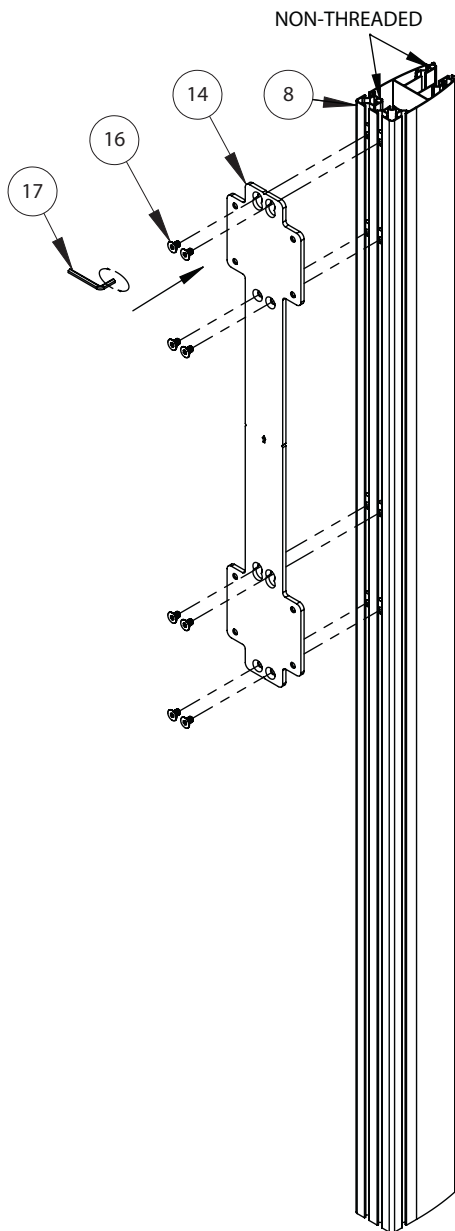
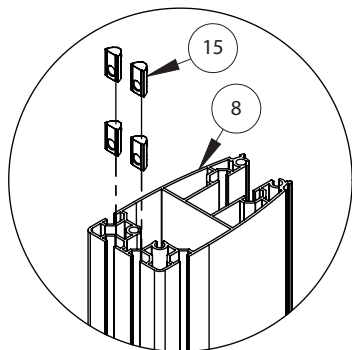


3. ATTACH FIXING PLATES TO COLUMNS

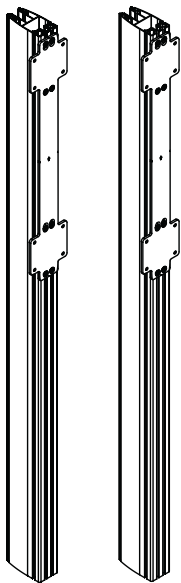
- i. Insert 4x item 15 into each front channels of item 8.
- ii. Attach item 14 to item 8 using items 15 & 16.

Repeat for both columns.

Note: Ensure the top of the column is the non-threaded end



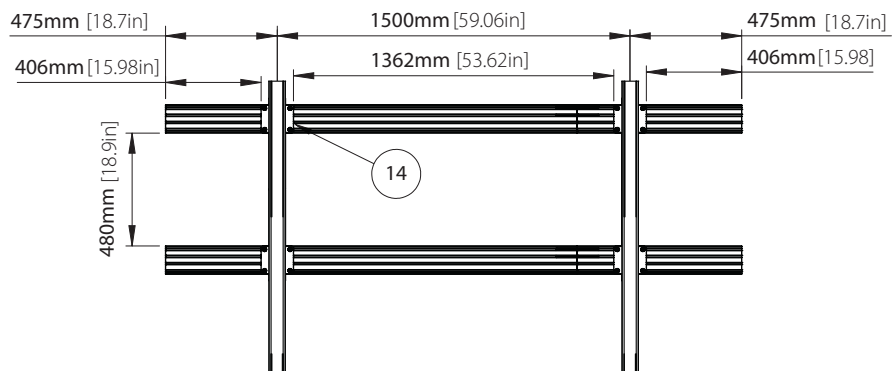
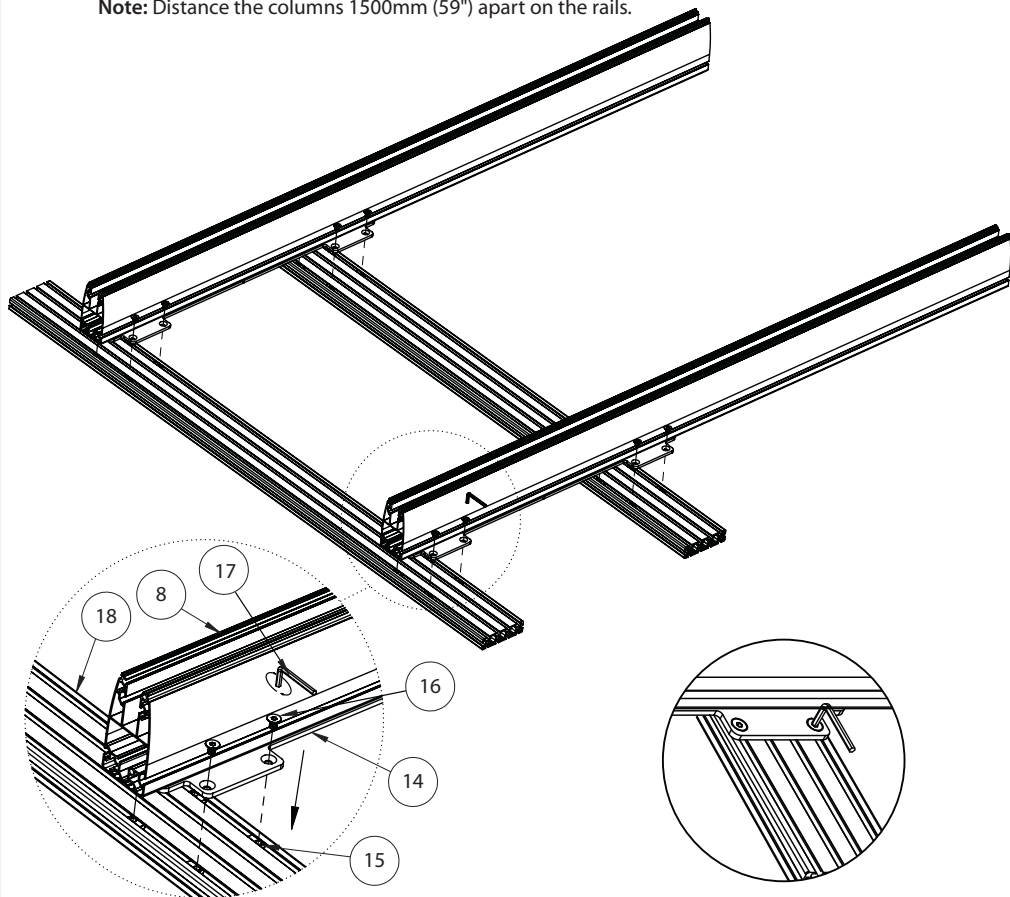
Assembled Columns



4. MOUNT RAILS TO COLUMNS

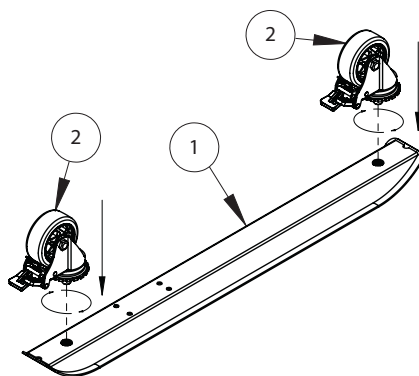
On the floor, connect *item 8* to *item 18* using *item 14* with *items 15 & 16*

Note: Distance the columns 1500mm (59") apart on the rails.



5.

- i. For a mobile stand, remove *item 3* from *item 1*.
- ii. Attach *item 2* to *item 1*.

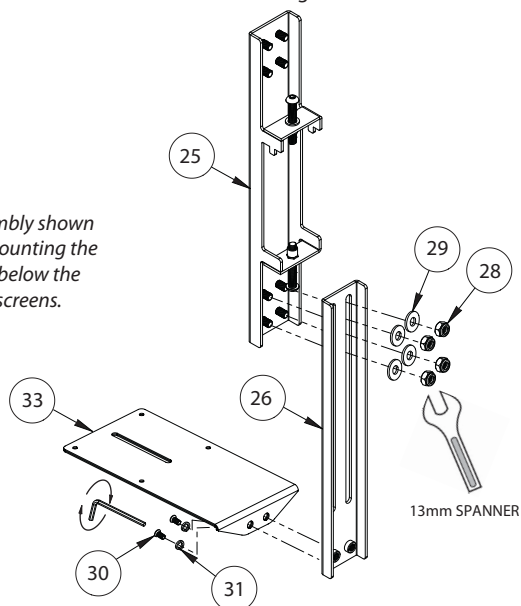


-

6. ASSEMBLE VC SHELF

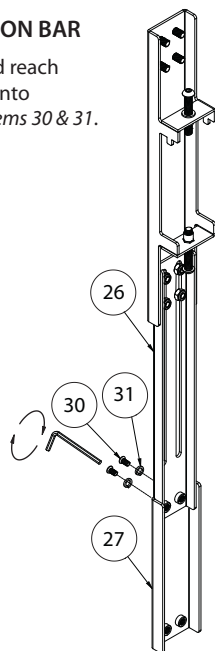
- i. Attach *item 26* to *item 25* using *items 28 & 29*.
- ii. Attach *item 33* to *item 26* using *items 30 & 31*.

Assembly shown
for mounting the
shelf below the
rail / screens.

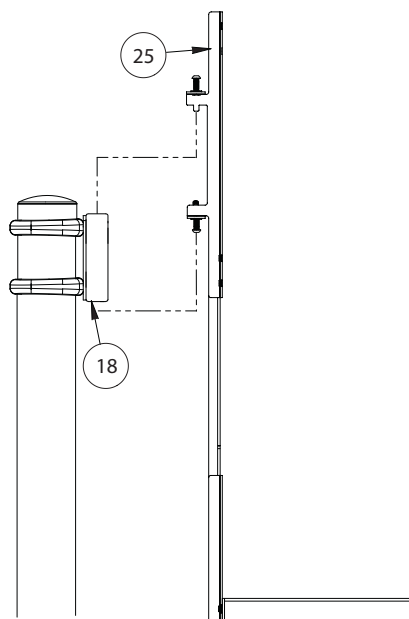


OPTIONAL ADD EXTENSION BAR

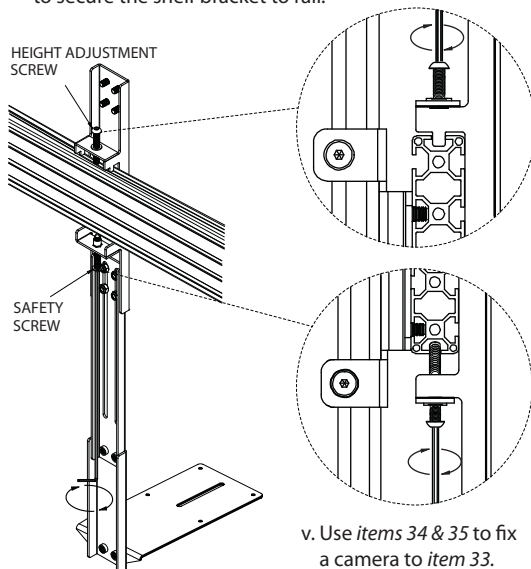
For an extended reach
attach *item 27* onto
item 26 using *items 30 & 31*.



- iii. Hook *item 25* onto *item 18*.



- iv. Secure shelf to rail.
Optional: Level the shelf bracket by using height adjustment screw on *item 25*.
Use the safety screw underneath the hook arm to secure the shelf bracket to rail.

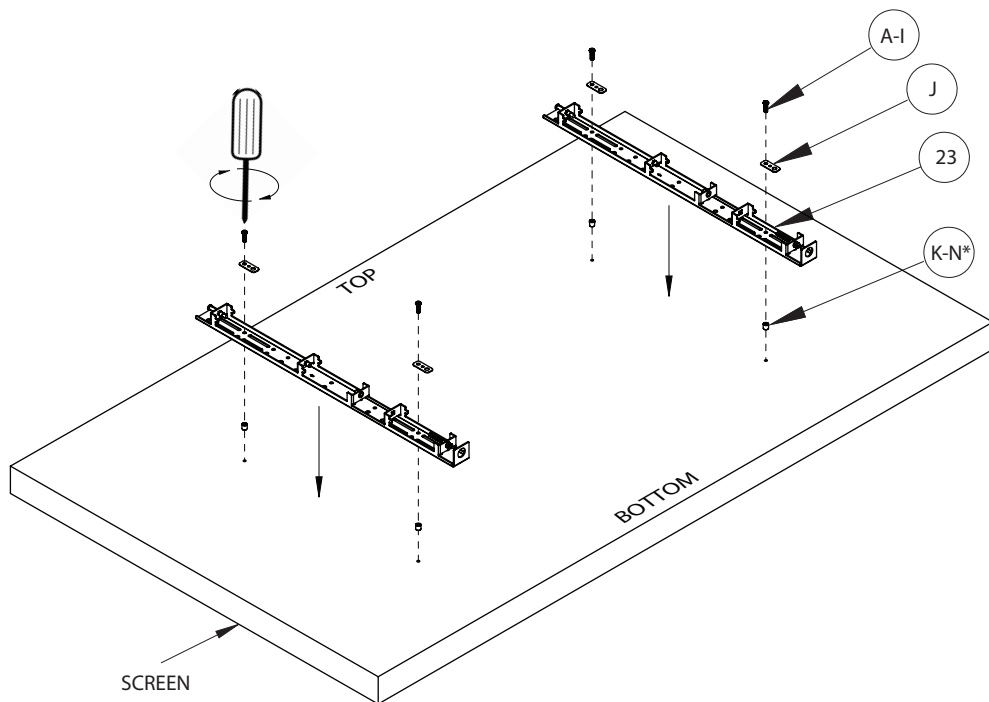


- v. Use *items 34 & 35* to fix a camera to *item 33*.

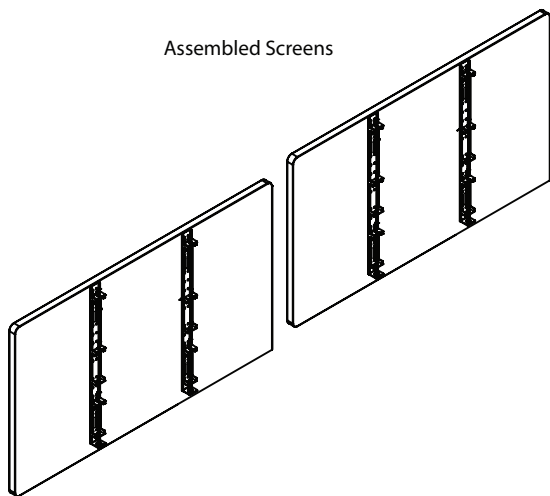
6. MOUNT INTERFACE ARM TO SCREENS

Fix item 23 to the rear of the screens using the interface kit provided (items A - N).

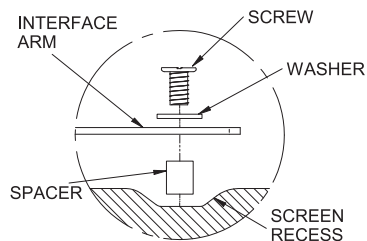
Note: Ensure interface arms are positioned the correct way round and the same holes are used on both arms.



Assembled Screens



***Note:** Use spacers (item L) if mounting the VC shelf onto the rail using item 25 mounting arm, or, if the screens have recess fixings use items K-N.

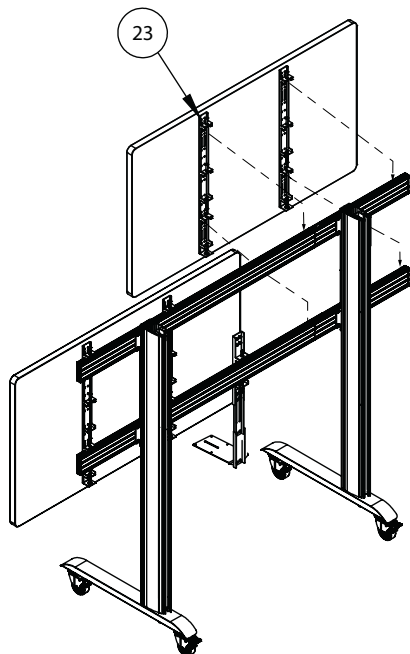
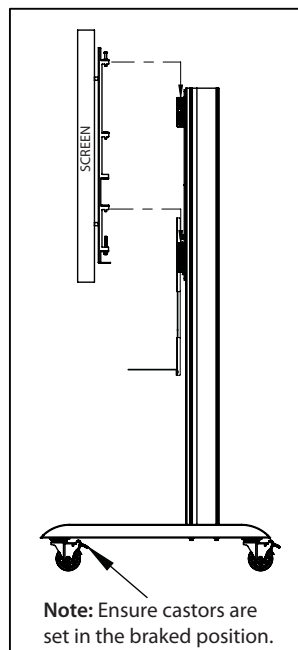
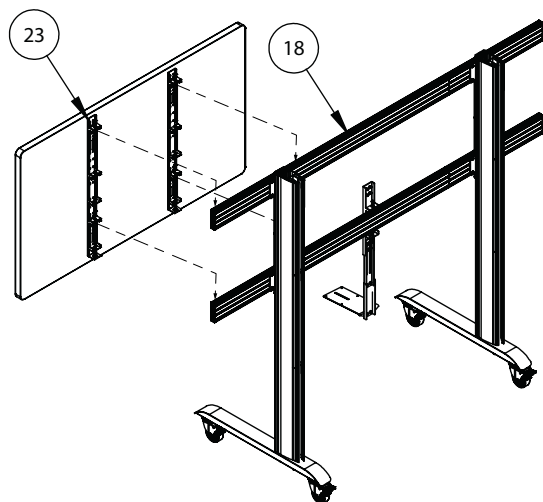


7. HOOK SCREENS ONTO STAND

i. Using *item 23* hook the first screen onto *items 18 & 19*.

Note: Ensure screen hooks onto both set of rails.

ii. Once the first screen is securely hooked onto both rails, mount the second screen

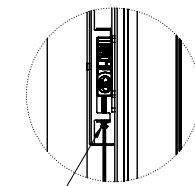
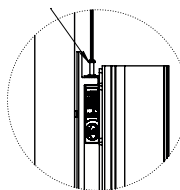


iii. *Optional:* To help align the screens, use *item 24* to adjust the height levelling screw on top of *item 23*.

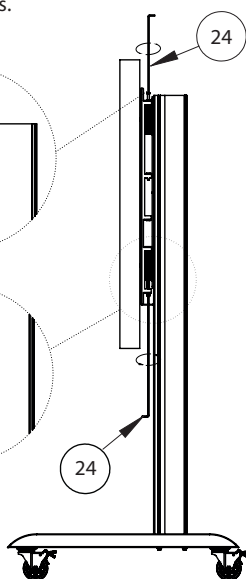
iv. Secure screen to mount by tightening the safety screws on the bottom of *item 23*.

Repeat for both screens.

LEVelling SCREW

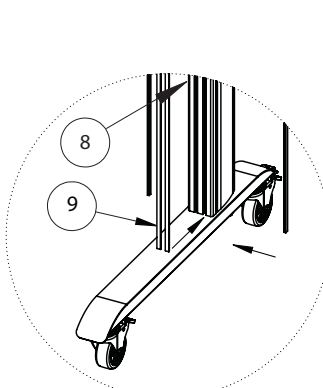
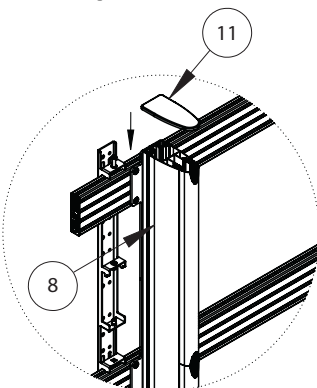
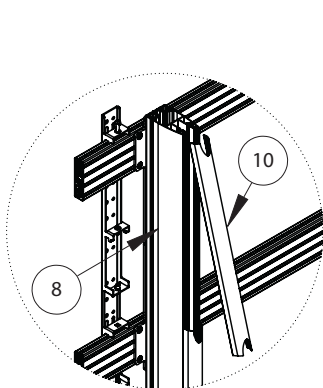
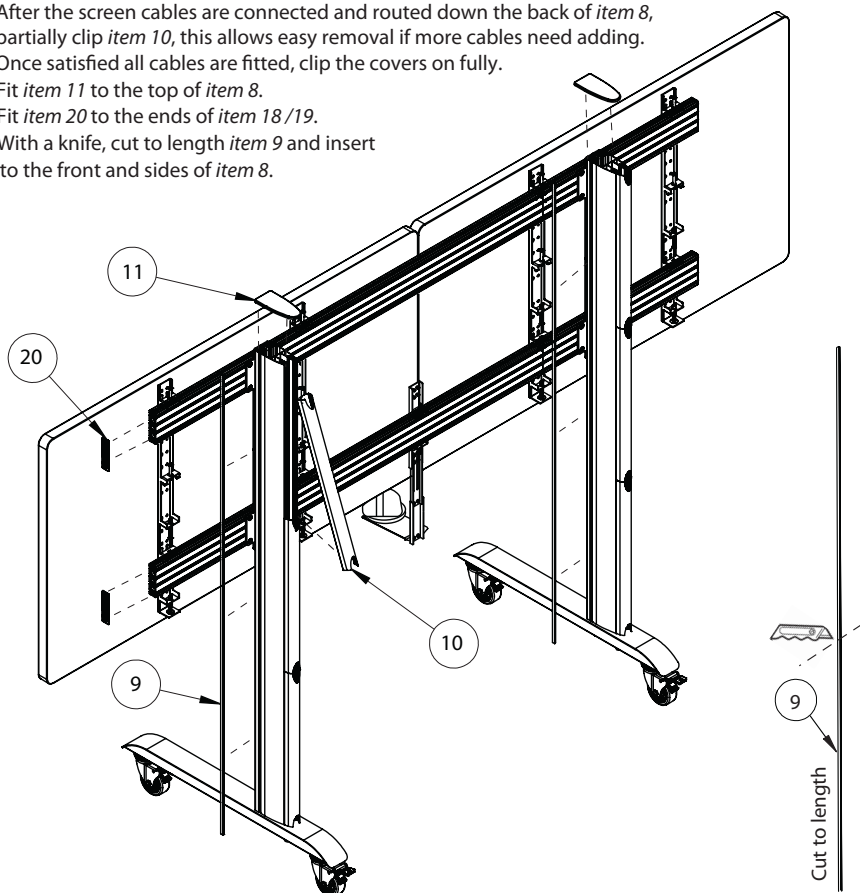


SAFETY SCREW



8. ADD END CAPS AND COVERS TO STAND

- i. After the screen cables are connected and routed down the back of *item 8*, partially clip *item 10*, this allows easy removal if more cables need adding. Once satisfied all cables are fitted, clip the covers on fully.
- ii. Fit *item 11* to the top of *item 8*.
- iii. Fit *item 20* to the ends of *item 18/19*.
- iv. With a knife, cut to length *item 9* and insert to the front and sides of *item 8*.



WARNING! Contact a professional AV installer or other suitably qualified person for any further operation or removal of equipment after installation

PLEASE KEEP THIS FOR FUTURE REFERENCE

Technical drawing of the 3D printer's main frame assembly, showing dimensions in mm and inches. The drawing includes the following dimensions:

- Top horizontal beam diameter: $\varnothing 8.4\text{mm}$ [0.33in]
- Vertical beam diameter: $\varnothing 10.4\text{mm}$ [0.41in]
- Right horizontal beam diameter: 58mm [2.28in]
- Left vertical beam diameter: 400mm [15.75in]
- Right vertical beam diameter: 300mm [11.81in]
- Left vertical beam diameter: 200mm [7.87in]
- Top horizontal beam length: 800mm [31.5in]
- Right horizontal beam length: 600mm [23.62in]
- Right vertical beam length: 889.5mm [35.02in]

2593mm [102.09in]

2192mm [86.3in]
(Max height to central screen)

606mm [23.86in]
(Excluding End Cap)

1512mm [59.53in]

606mm [23.86in]
(Excluding End Cap)

Technical drawing of the extrusion die assembly showing dimensions in mm and inches:

- Overall length: 3000mm [118.11in] Max Extrusion Width (Excluding End Caps)
- Distance from left end to first die: 1500mm [59.06in]
- Distance between the two dies: 1500mm [59.06in]
- Distance from left end to the center of the first die: 950mm [37.4in]
- Distance from the center of the first die to the center of the second die: 286.5mm [11.28in]
- Distance from the center of the first die to the right end: 1564mm [61.57in]
- Distance from the center of the second die to the right end: 1736mm [68.35in]



B-Tech



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info@btechavmounts.com

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