

- A range of trolleys for the storage and transportation of printed circuit boards in production quantities. Boards are supported securely on two parallel edges, in either the vertical or horizontal plane, by injection moulded conductive polypropylene grooved panels. The spacing between panels is adjustable for various sizes of PCBs.



## Aluminium Square Tube Construction Trolleys

### Horizontal PCB Location

The basic trolley has two single sided end panels and one double sided intermediate panel.

Trolley dimensions: 1500mm high x 600mm or 900mm wide.

Description	Order Code
<b>Basic Trolley - 600mm wide</b>	
510	AAH-0605
640	AAH-0606
<b>Basic Trolley - 900mm wide</b>	
510	AAH-0905
640	AAH-0906
<b>Additional Intermediate Panels</b>	
510	PAH-0805
640	PAH-0806

To order location guide strips add -LG to the Order Reference.  
Base shelf is fitted as standard



### Location Guide Strips

Location guide strips are fitted as an optional extra to facilitate insertion of wide PCBs.

To order location guide strips add -LG to the Order Reference.

Description	Order Code
<b>Suffix to order ref.</b>	
All panel edges of a basic trolley	-LGT
Both panel edges of extra int. panel	-LGP

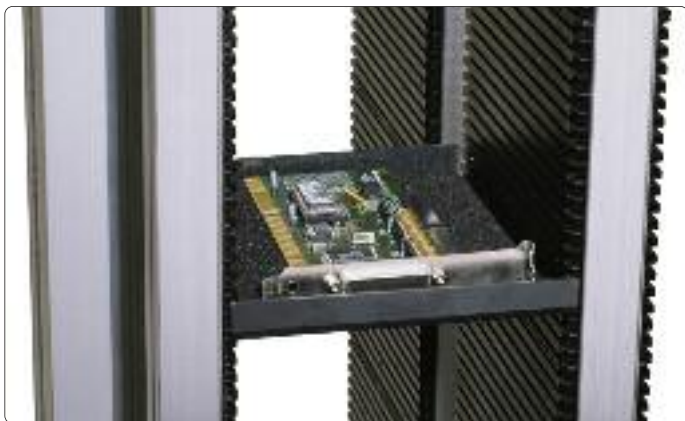


### Aluminium Runners for Wez Containers

Storage of flat trays fitted with aluminium runners, useful when PCBs cannot be located in grooves. Rivetted to two sides.

Description	Order Code
<b>To fit to Tray (mm)</b>	
300	AAR-300
400	AAR-400
600	AAR-600

See Page 84 for WEZ Containers



### Slide-Tray Inserts

Conductive polystyrene panels with a front and back lip to support PCBs which are unsuitable for groove location. Available in three standard widths or manufactured to specific requirements (subject to quantity). All have a lip height of 20mm front and back and are fitted with 6mm low density conductive foam in the base. Supplied in packs of 10.

Depth into trolley (mm)	Width (mm)	Order Code
<b>For 500mm Deep Trolleys</b>		
250	125	STI-2512
250	250	STI-2525
250	350	STI-2535
<b>For 600mm Deep Trolleys</b>		
300	125	STI-3012
300	250	STI-3025
300	350	STI-3035

## Aluminium

### Square Tube Construction Trolleys

#### Vertical PCB Location

The basic trolley has one single sided top panel, one double sided intermediate panel and one single sided base panel.

Trolley dimensions: 1400mm high x 600mm or 900mm wide.

Description	Order Code
Trolley Depth (mm)	
<b>Basic Trolley - 600mm wide</b>	
510	AAV-0605
640	AAV-0606
<b>Basic Trolley - 900mm wide</b>	
510	AAV-0905
640	AAV-0906
<b>Additional Intermediate Panels</b>	
600mm wide	
510	PAV-0505
640	PAV-0506
900mm wide	
510	PAV-0805
640	PAV-0806



#### Top Cover and Bottom Shelf

Description	Order Code
Trolley Dimensions (mm)	
<b>Grey Dissipative MDF</b>	
600 x 510	PAS-0805
600 x 640	PAS-0806
900 x 510	PAS-0905
900 x 640	PAS-0906

#### Location Guide Strips

Location guide strips are fitted as an optional extra to facilitate insertion of wide PCBs.

To order location guide strips add - LG to the Order Reference.

Description	Order Code
<b>Suffix to order ref.</b>	
All panel edges of a basic trolley	-LGT
Both panel edges of extra int. panel	-LGP



## Earth Bonding

10mm press studs for earth bonding

Description	Order Code
Suffix to order ref.	
2 - 10mm press studs	-10PS



**TECHNICAL SPECIFICATION**

Framework: 25mm anodised aluminium square tube. Aluminium panel support frames.

Castors: 100mm swivel two conductive, two grey nylon braked

Slot Dimensions: Number of slots per panel - 100. Slot pitch - 8mm. Slot size - 2.5 wide x 3.5mm deep. All trolleys provide access from both sides.

Earth Bonding: Achieved with - conductive castors (two per trolley) or - 2 x 10mm press studs and ground lead.



Conductive rubber tyred castors (normally fitted 2 per trolley).



Grey nylon braked castors.

# TUBE KIT TROLLEYS AND UNIVERSAL TROLLEY

- A range of trolleys constructed from anodised aluminium square tube which can be economically adapted for a wide range of applications. All shelves are light grey static dissipative melamine and the framework is electrically bonded throughout to ensure efficient grounding, either through conductive castors or a snap on ground lead.



## Two-Tier Trolley

Height to top of handle:	955mm
Height to top shelf:	800mm
Height over bottom shelf:	165mm
Clearance between shelves:	610mm

Dims. (mm)	Order Code
Length x Width	
670 x 470	TK2-0604
970 x 470	TK2-0904
970 x 670	TK2-0906



## Three-Tier Trolley

Height to top of handle:	955mm
Height to top shelf:	800mm
Height over bottom shelf:	165mm
Clearance between shelves:	292mm

Dims. (mm)	Order Code
Length x Width	
670 x 470	TK3-0604
970 x 470	TK3-0904
970 x 670	TK3-0906

- This adaptable trolley provides a wide range of possible configurations.
- Product handling, kitting, instrumentation or mobile PC workstation.
- Fully adjustable shelves with a range of standard accessories.



## Universal Trolley

Basic trolley consists of two uprights and base with four conductive castors (two braked) and three static dissipative laminate shelves.  
Shelf size: 530w x 650d (mm)  
Shelf capacity: 50kg.  
Trolley size: 1415h x 660w x 650d (mm)

Description	Order Code
Basic Trolley	TUT-1403
Keyboard Pullout 500w x 250d	TUK-05
2 Drawer Unit 460w x 370d x 245h	TUD-4602

Mains socket rails are available to customer requirements. Please ask for a quotation.



Description	Order Code
Extra Shelf 530w x 650d	TUS-0506



Description	Order Code
Adjustable Slope Shelf with Lip 530w x 650d	TUA-0506



Description	Order Code
Bin Rail 525mm	TUB-05



## Adjustable Shelf Trolleys

Adjustable steel trolleys, steel framed with a static dissipative epoxy finish, dissipative laminate shelves and conductive castors (two braked) for use within an EPA, providing effective grounding of the whole assembly.

Two styles are offered, in low or high configurations. All shelves are adjustable by slackening the corner clamps with a hexagon key.

Load capacity:  
 Low Trolley: 150kg  
 Tall Trolley: 300kg  
 Per shelf: 50kg

Trolleys can be fitted with a pair of mesh end panels to secure loads.

Description	Order Code
<b>Low Trolley with 2 shelves - Overall Height: 1015mm</b>	
800 x 430	TTA-4082
1000 x 430	TTA-4102
800 x 530	TTA-5082
1000 x 530	TTA-5102
<b>Tall Trolley with 4 shelves - Overall height: 1535mm</b>	
Shelf Size (mm)	
1000 x 430	TTA-4104
1000 x 530	TTA-5104
<b>Additional Shelves</b>	
800 x 430	TTS-0804
1000 x 430	TTS-1004
800 x 530	TTS-0805
1000 x 530	TTS-1005



Description	Order Code
<b>Mesh End Panels – in Pairs</b>	
Low 435 wide	TML-04
Low 535 wide	TML-05
Tall 435 wide	TMT-04
Tall 535 wide	TMT-05
A4 document holder	TDH-A4



Trolleys are supplied packed flat with assembly instructions.

- A range of trolleys and racks based around zinc plated louvred panels, providing a storage and transportation system for all types of components and sub-assemblies in the electronics industry.



## Single Sided Trolleys

Base depth - 508mm

Trolley Width (mm)	Order Code
<b>915 High Panel - Overall Height 1090</b>	
470	KMT-0509S
623	KMT-0609S
927	KMT-0909S
1233	KMT-1209S
<b>1220 High Panel - Overall Height 1400</b>	
470	KMT-0512S
623	KMT-0612S
927	KMT-0912S
1233	KMT-1212S



## Double Sided Trolleys

Base depth - 711mm

Trolley Width (mm)	Order Code
<b>915 High Panel - Overall Height 1090</b>	
470	KMT-0509D
623	KMT-0609D
927	KMT-0909D
1233	KMT-1209D
<b>1220 High Panel - Overall Height 1400</b>	
470	KMT-0512D
623	KMT-0612D
927	KMT-0912D
1233	KMT-1212D



Note: All louvred panel trolleys are supplied with the upper framework and panels assembled and packed flat with the base, castors and handle.

### Castor Types

All castors are 100mm diameter swivel type. two conductive and two grey rubber with brakes are fitted as standard.

## Storage Racks

Assembled from initial racks supplied with two braced legs and extension racks supplied with one braced leg  
Container extra, see page 114

Panel Width (mm)	Order Code
<b>Single Sided Racks -</b>	
Initial Rack with 2 support feet	
623 x 1220	KSR-0612S
927 x 1220	KSR-0912S
623 x 1830	KSR-0618S
927 x 1830	KSR-0918S
Extension Rack - with 1 support foot	
623 x 1220	KSE-0612S
927 x 1220	KSE-0912S
623 x 1830	KSE-0618S
927 x 1830	KSE-0918S
<b>Double Sided Racks -</b>	
Initial Rack with 2 support feet	
623 x 1220	KDR-0612D
927 x 1220	KDR-0912D
623 x 1830	KDR-0618D
927 x 1830	KDR-0918D
Extension Rack - with 1 support foot	
623 x 1220	KDE-0612D
927 x 1220	KDE-0912D
623 x 1830	KDE-0618D
927 x 1830	KDE-0918D



Free standing single sided rack with 1220 x 610mm panel

## Bench Racks

Small louvred panel racks for use on benches. Supplied packed flat.  
Container extra, see page 114

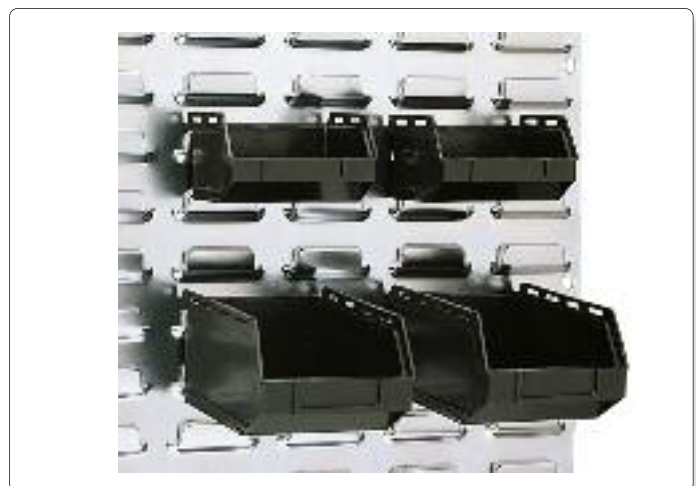
Dims. (mm)	Order Code
Height x Width	
495 x 457	KMR-0505
495 x 915	KMR-0509



## Louvred Panels

These zinc plated steel louvred panels are supplied for use on your own mounting surface or framework. Louvre pitch: - vertical 50mm centres - horizontal 80mm centres  
Container extra, see page 114

Dims. (mm)	Order Code
Height x Width	
457 x 457	KMV-0505
457 x 915	KMV-0509
610 x 457	KMV-0605
610 x 610	KMV-0606
915 x 457	KMV-0905
915 x 610	KMV-0906
1220 x 457	KMV-1205
1220 x 610	KMV-1206





## Plastiboxes

A range of scoop fronted injection moulded boxes, manufactured from conductive polypropylene, designed for use with louvred panel systems.

### SPB Range

Dims. (mm)	Order Code
Width x Depth x Height	
100 x 90 x 55	SPB-15
as above with centre divider	SPB-16
100 x 160 x 75	SPB-17
145 x 240 x 125	SPB-18
210 x 330 x 155	SPB-19



### SQB Range

Dims. (mm)	Order Code
Width x Depth x Height	
100 x 90 x 50	SQB-101
100 x 165 x 75	SQB-102
150 x 240 x 125	SQB-103
200 x 355 x 125	SQB-104
200 x 355 x 175	SQB-105
420 x 381 x 175	SQB-106



## SCB-25 PCB Rack

### SCB-25

This rack is moulded from conductive polypropylene, with 48 PCB locations on 8mm pitch.

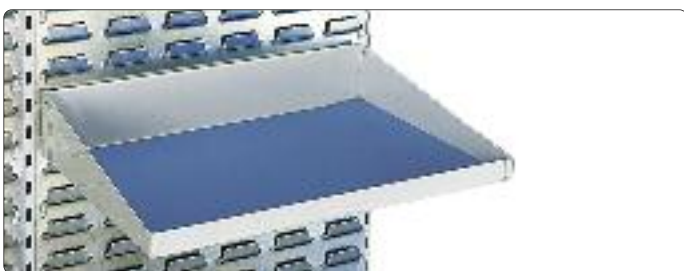
Overall dimensions (mm):	406 x 275 x 150 high
Internal dimensions (mm):	250 base depth x 125 high
Groove dimensions (mm):	2.8 wide x 4 deep



### SCB-25 Dividers

Clip into location slots to accommodate PCBs that cannot be supported in the grooves. Supplied in packs of 10.

Description	Order Code
406 x 275 x 150mm high	SCB-25
Divider for SCB-25 (per 10)	SCB-25-DIV



## Hook-On-Shelf

This shelf is fitted with a static dissipative mat and is ideal for holding PCB assemblies.

Description	Order Code
420 x 300 x 50	KHS-0403

■ Stands and Trolley manufactured from steel tube with a grey static dissipative epoxy finish.

## Wez Rack Adaptor Plate

This adaptor fits to the aluminium rail on WEZ Racks to provide louvred panel mounting.

Dims. (mm)	Order Code
Single Hook for narrow racks up to 150mm PCB size	KWZ-01
Double Hook for wide racks up to 300mm PCB size	KWZ-02

For racks over 300mm use two KWZ-01  
For information on the Wez Rack system refer to page 90.



## Drawer Cabinet Adaptor

This adaptor fits to the back of standard drawer cabinets to provide louvred panel mounting. Maximum load per pair 30kg. For information on the Drawer Cabinet range system refer to pages 102 and 104.

Width (mm)	Order Code
300	KDC-03



## Stacking Bins

A range of stackable bins, manufactured from conductive polypropylene for use with or without storage racks and trolleys. Trays can be split across the width with a dissipative coated steel divider. Labels and transparent shields are also offered.

Dims. (mm)		Order Code	
d x w x h	Bins	Cross Dividers	Labels
165 x 105 x 75mm	TBS-16	-	TBL-16
192 x 149 x 105mm	TBS-19	-	TBL-19
250 x 149 x 130mm	TBS-25	TBD-25	TBL-25
300 x 186 x 156mm	TBS-30	TBD-30	TBL-30
400 x 186 x 156mm	TBS-40	TBD-40	TBL-30



## Racks and Trolley

Free standing single and double sided racks and a double sided trolley provide high density storage using the above stacking bins. Each unit has eight bin rails in the height.

Dims. (mm)	Order Code
Single Sided Rack 1585 x 820 x 420	TBR-16S
Double Sided Rack 1585 x 820 x 600	TBR-16D
Double Sided Trolley 1700 x 820 x 600	TBT-17D

