

ESD HANDLING

Catalogue



ESD CORSTAT® PACKAGING

Corstat® Inplant Handlers

Corstat Inplant Handlers provide a versatile, low-cost storage and shipping method, giving high physical protection during handling of printed circuit boards.

Features and Benefits:

- Full range of standard in-stock sizes available to order.
- Custom designs, sizes and special printing available on request.
- All dimensions are internal sizes.
- Supplied with drop-on lids



Part No:	Internal Size (mm)	Max Cell (mm)	No. Cells	Price 1-24	Price 25-49
GES-4000-10	575 x 305 x 328	514 x 25 x 326	10	£54.45	£49.31
GES-4000-20	575 x 305 x 328	254 x 25 x 326	20	£57.21	£51.72
GES-4000-30	575 x 305 x 328	167 x 25 x 326	30	£60.07	£54.21
GES-4000-40	575 x 305 x 328	124 x 25 x 326	40	£62.79	£56.67
GES-4001-10	575 x 305 x 400	514 x 25 x 398	10	£56.43	£51.29
GES-4001-20	575 x 305 x 400	254 x 25 x 398	20	£59.24	£53.72
GES-4001-30	575 x 305 x 400	167 x 25 x 398	30	£62.04	£56.18
GES-4001-40	575 x 305 x 400	124 x 25 x 398	40	£64.74	£58.65
GES-4003-10	455 x 245 x 480	380 x 19 x 478	10	POA	POA
GES-4003-20	455 x 245 x 480	198 x 19 x 478	20	POA	POA
GES-4005-10	425 x 245 x 280	380 x 19 x 278	10	£42.14	£36.67
GES-4005-20	425 x 245 x 280	187 x 19 x 278	20	£44.56	£38.57
GES-4005-40	425 x 245 x 280	90 x 19 x 278	40	£48.70	£42.46
GES-4007-10	435 x 245 x 190	380 x 19 x 188	10	£28.24	£26.31
GES-4007-20	435 x 245 x 190	187 x 19 x 188	20	£29.28	£27.26
GES-4007-30	435 x 245 x 190	121 x 19 x 188	30	£30.43	£28.24
GES-4007-40	435 x 245 x 190	90 x 19 x 188	40	£31.74	£29.10
GES-4008-40	550 x 390 x 186	92 x 43 x 184	40	POA	POA
GES-4008-80	550 x 390 x 186	49 x 43 x 184	80	POA	POA
GES-4010-10	332 x 274 x 128	198 x 24 x 126	10	POA	POA
GES-4010-50	332 x 274 x 128	64 x 24 x 126	50	POA	POA
GES-4012-100	448 x 348 x 124	42 x 32 x 122	100	£40.26	£33.24
GES-4012-50	448 x 348 x 124	87 x 32 x 122	50	£34.68	£28.60
GES-4014-100	378 x 368 x 66	70 x 15 x 64	100	£43.35	£35.81
GES-4014-40	378 x 368 x 66	169 x 15 x 64	40	£42.28	£34.91
GES-4016-32	580 x 299 x 80	240 x 16 x 78	32	POA	POA
GES-4016-80	580 x 299 x 80	110 x 16 x 78	80	POA	POA



More Price Breaks Available Please Call or Check Online

ALL PRICES EXCLUDE VAT

PCB MAGAZINE RACKS

Quick Adjust (50 Slot) PCB Magazine Racks

All supplied flat packed with full build instructions.

Features and Benefits:

- Rigid steel and aluminium frame.
- Heat resistance (80 °C)
- Surface resistance: 104 to 106 Ohm
- Base: Conductive stainless metal
- Slots for up to 50 PCB's



****NON Stocked Items, available for special order, call for delivery times****

Part No:	Size	PCB Max Length	PCB (Min/Max) Width	Heat Resistance	Weight	Price
109-106	355 x 320 x 563mm	350mm	50-250mm	80°C	6.5Kg	£100.81
109-105	400 x 460 x 563mm	450mm	50-330mm	80°C	9.0Kg	£144.38
109-108	535 x 530 x 570mm	530mm	50-460mm	80°C	11.5Kg	£261.25

ALL PRICES EXCLUDE VAT

Unit 3 Beaver Ind. Estate, 8 Airfield Road, Christchurch, Dorset, BH23 3TG

■ SMD 7" AND 14" REEL COMPONENT HOLDERS

■ A high quality 7" (180mm) SMD (surface mount device) component reel holder for storing 26 x 7" SMD component reels.

A high quality 14" (360mm) SMD (surface mount device) component reel holder for storing 26 x 14" SMD components reels.



109-101

109-102

Features and Benefits:

- Easily store SMD reeled components on a shelf
- Manufactured from black conductive polypropylene, ESD safe
- Suitable for ESD sensitive components
- 2mm thick walls

Part No:	Ext. Size (mm)	Price
109-101	400x190x110	£21.50
109-102	550x350x175	£31.50

■ ESD CORSTAT® PACKAGING

■ Corstat® Reel Storage System

The Corstat® conductive Reel Storage system is a new and flexible bench mount storage system, catering for 7" and 15" component reels.



Part No:	Cell Width (mm)	No. Cells	Size (mm)	Price 1-24	Price 25-49
GES-RR7118	18	11	273 x 240 x 200	£25.19	£20.85
GES-RR7132	32	7	273 x 240 x 200	£23.06	£19.03
GES-RR7218	18	22	573 x 240 x 200	£45.52	£37.63
GES-RR7232	32	14	573 x 240 x 200	£41.17	£34.01
GES-RR7318	18	33	860 x 240 x 200	£64.91	£53.65
GES-RR7332	32	21	860 x 240 x 200	£58.44	£48.30
GES-RR15118	18	11	273 x 385 x 200	£30.01	£27.27
GES-RR15132	32	7	273 x 385 x 200	£27.12	£24.65
GES-RR15218	18	22	573 x 385 x 200	£55.03	£50.03
GES-RR15232	32	14	573 x 385 x 200	£49.20	£44.76
GES-RR15318	18	33	860 x 385 x 200	£77.12	£70.13
GES-RR15332	32	21	860 x 385 x 200	£68.44	£62.24

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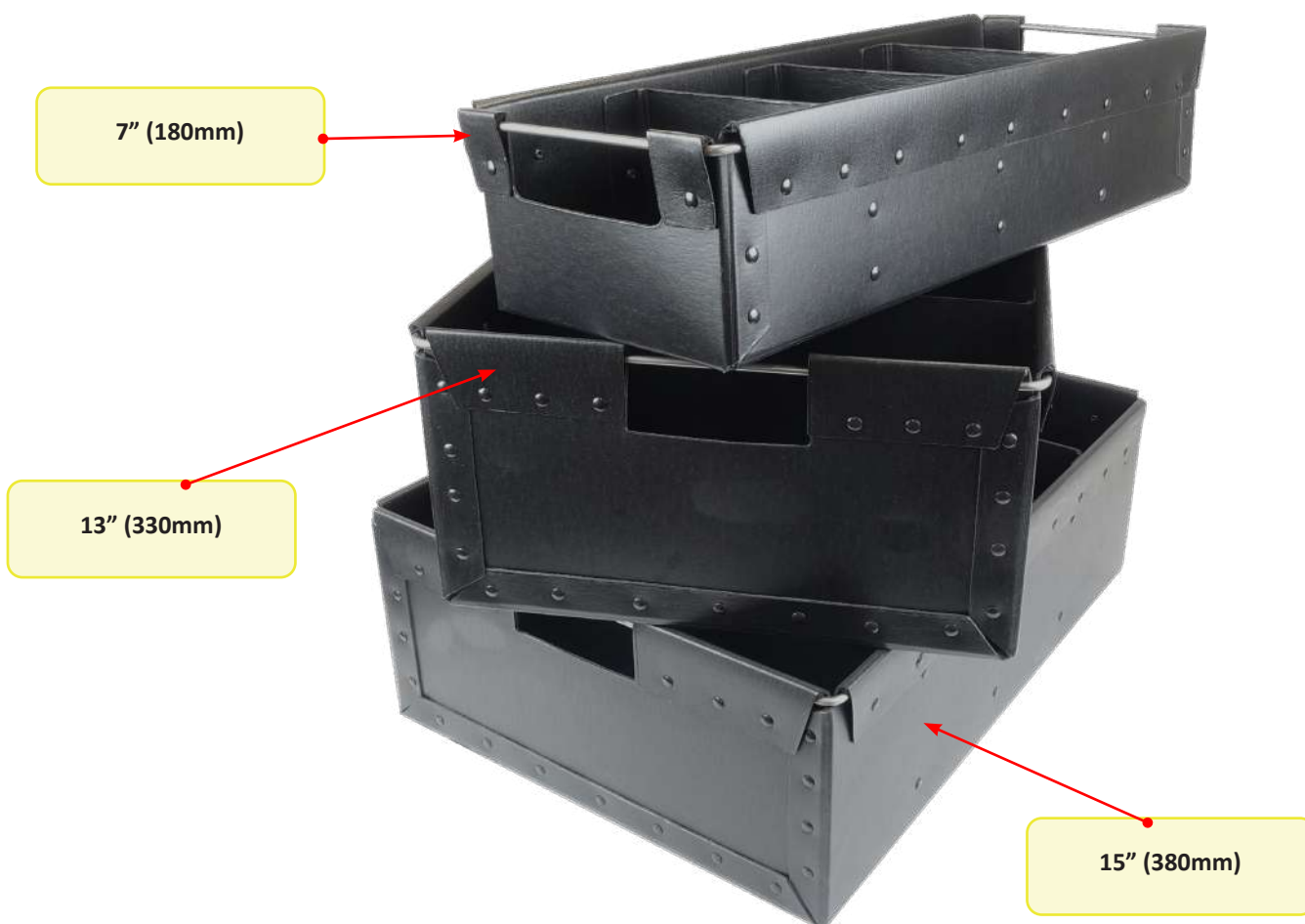
SMD REEL COMPONENT HOLDERS

A high quality SMD component reel holder with inside partitions and an exterior steel rim with out turned edge.



Features and Benefits:

- 1.4mm Thick Walls
- Split into 4 equal sized compartments
- Reel holders store up to 36 component reels
- Designed for 7" (180mm), 13" (330mm) or 15" (380mm) diameter SMD component reels



Part No:	Reel Size Designed For	External Size (mm)	Internal Size (mm)	Price
109-500	7" (180mm)	500 x 200 x 116	482 x 185 x 113	£21.50
109-505	13" (330mm)	500 x 350 x 175	485 x 330 x 173	£33.50
109-507	15" (380mm)	500 x 385 x 175	485 x 370 x 173	£37.50

ALL PRICES EXCLUDE VAT

ESD STACKABLE BINS

Conductive polypropylene is a high quality plastic material, perfect for protecting against electrostatic discharge. The conductive polypropylene boxes allow the safe storage and transportation of sensitive electronic components.

OPEN FRONT



Part No:	External Box Size (mm) L x W x H	Price
101-500	105 x 95 x 55	£2.10
101-501	100 x 170 x 75	£3.00
101-502	150 x 230 x 125	£5.91
101-503	210 x 350 x 145	£13.13
101-504	210 x 350 x 200	£16.41
101-505	310 x 500 x 200	£29.29



CLOSED FRONT



Conductive polypropylene is a high quality plastic material, perfect for protecting against electrostatic discharge. The conductive polypropylene boxes allow the safe storage and transportation of sensitive electronic components.



Part No:	External Box Size (mm) L x W x H	Price
101-530	120 x 300 x 100	£8.71
101-531	120 x 400 x 100	£12.85
101-532	120 x 500 x 100	£14.45
101-533	160 x 500 x 100	£12.71
101-534	160 x 600 x 100	£16.18
101-535	240 x 500 x 100	£19.71

* Images not to scale - Sizes shown are LxWxH

ALL PRICES EXCLUDE VAT

ESD STACKABLE PICKING BINS

The new generation of ESD storage boxes with open front is characterised by maximum flexibility and functionality. With a sophisticated range of modular accessories, they can be subdivided lengthways or sideways, furnished with viewing panels, protected against dust and labelled.

Features and Benefits:

- Facilitate your work operation
- Extremely robust design
- Plenty of space for contents
- Stackable



Part No:	External Box Size (mm) L x W x H	Price
G-SK1	85 x 102 x 50	£3.54
G-SK2	160 x 102 x 75	£4.33
G-SK2L	215 x 102 x 75	£4.70
G-SK3	230 x 150 x 125	£6.22
G-SK3L	315 x 150 x 125	£7.40
G-SK4	350 x 210 x 150	£10.00
G-SK4H	350 x 210 x 200	£11.82
G-SK5	500 x 310 x 200	£18.45
G-SK5H	500 x 310 x 300	£24.76

* Images not to scale - Sizes shown are LxWxH

CIRCUIT BOARD HOLDERS



Features and Benefits:

- Conductive flat black polypropylene PCB holder
- (Electrical resistance $R_s 10^2 - 10^5$ Ohm)
- Featuring grip openings for easier handling
- Can be used to store and handle many styles of PCB's
- Keeps PCB's visible and organised
- Can be stacked using compatible posts



Part No:	Size (mm)	Price
109-100-5	357 x 257 x 14	£8.60
109-100-6	557 x 357 x 22	£28.85

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L SHAPED RACKS

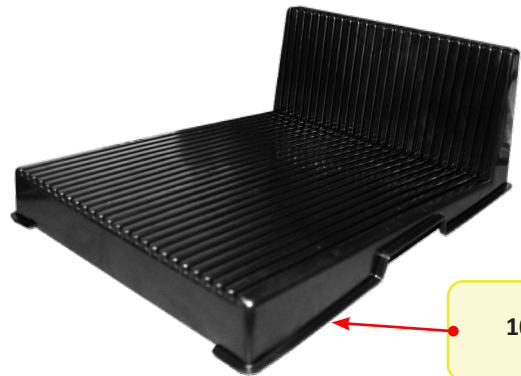
Robust moulded, PCB racks offer a very convenient method of storage in assembly areas. Can be used in conjunction with conductive picking bins, transport stacking, Euro-Fix containers and on its own. These PCB racks are also stackable for space saving. For use in static controlled product areas where the racks give a conductive path to ground.



109-100-1

Features and Benefits:

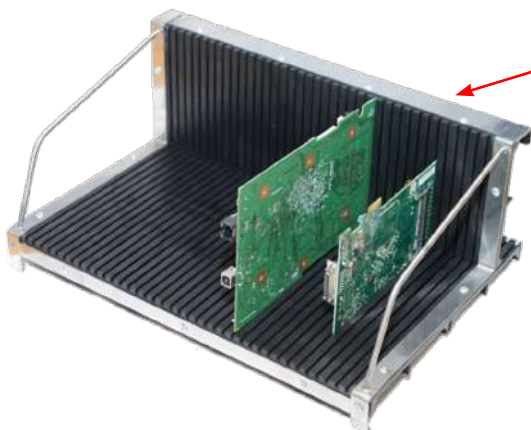
- Made from conductive polypropylene.
- Electrical resistance Rs: $10^3 - 10^5$ Ohm



109-100-2L

Part No:	Size (mm)	Max Board Thickness	Price
109-100-1	275 x 206 x 93	3.2mm	£11.50
109-100-2L	265 x 350 x 125	2.4mm	£14.80

Quality, stainless steel framed L shaped rack with conductive polypropylene slats for holding up to 38 PCB's



109-100-3

Features and Benefits:

- Holds up to 38 PCB's
- Slats moulded from conductive polypropylene
- Ideal for the transportation of PCB's
- Sturdy metal frame

Part No:	Size (mm)	Price
109-100-3	275 x 406 x 150	£22.00

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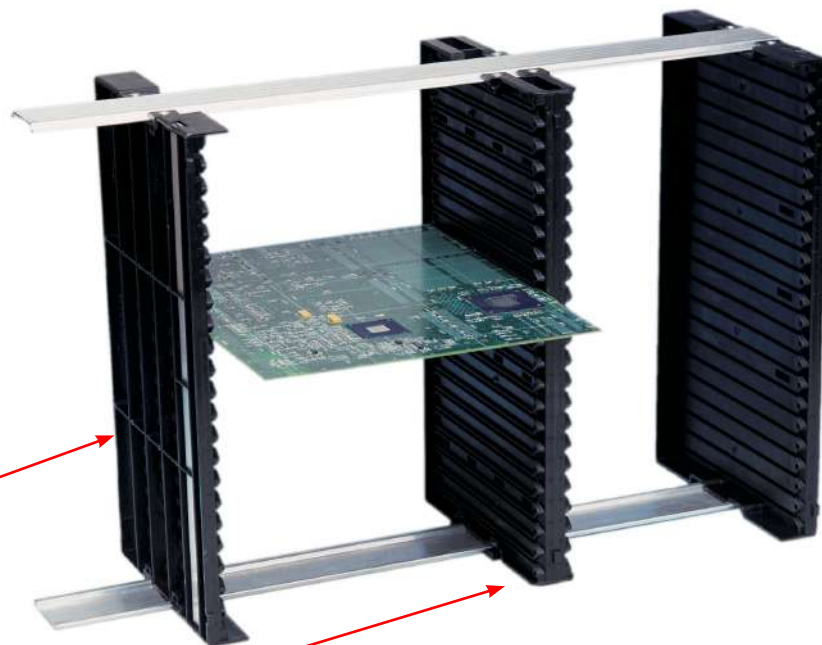
PCB STORAGE RACKS

Simple yet very efficient method of storage / transportation of printed circuit boards.



Features and Benefits:

- Frames are fully adjustable and extremely versatile as they can be used in a vertical, horizontal or flat position.
- They are made up of 2 end walls located on aluminium rails with the option of a central divider for added capability.



A typical large rack is made up of two end walls and a pair of rails.

The centre frame is optional.
Max depth of PCB 2.5mm - 22 Slots.

LIDS AVAILABLE

Part No:	Description	Size (mm)	Price
G-EL41	Conductive End Wall	350 x 190 x 30	£12.20
G-EL42	Conductive Centre Frame	350 x 190 x 35	£13.60
G-ELF1	Aluminium Rail	152mm (Pair)	£4.90
G-ELF2	Aluminium Rail	252mm (Pair)	£5.27
G-ELF4	Aluminium Rail	352mm (Pair)	£7.33
G-ELF6	Aluminium Rail	552mm (Pair)	£8.60



CONTAINER SHOWN
G-6427-C
(600 x 400 x 270)

ASSEMBLED RACKS WILL FIT PERFECTLY
INTO A STANDARD EURO CONTAINER

Part No:	Size (mm)	Price
G-6427-C	600 x 400 x 270	£31.88

ALL PRICES EXCLUDE VAT

ESD EURO CONTAINERS



LIDS AVAILABLE

Features and Benefits:

- These ESD containers are made of plastics that were specifically designed for transporting sensitive electronic devices
- They reliably prevent electrostatic charge and divert already existing charges
- Special volume resistivity/surface resistivity: $10^4 < 10^{10}$ Ohm cm
- Available in a range of different sizes
- Design: Base and sides closed, with closed handles
- Material: 1A new material PP-Copo
- Colour: Black

Part No:	External Box Size (mm) L x W x H	Price	
G-4375-C	400 x 300 x 75	£7.93	
G-4312-C	400 x 300 x 120	£10.81	
G-4317-C	400 x 300 x 170	£13.22	*BEST SELLER*
G-4322-C	400 x 300 x 220	£15.13	
G-4327-C	400 x 300 x 270	£18.52	*BEST SELLER*
G-4332-C	400 x 300 x 320	£20.69	
G-6475-C	600 x 400 x 75	£14.57	
G-6412-C	600 x 400 x 120	£18.81	*BEST SELLER*
G-6417-C	600 x 400 x 170	£23.31	*BEST SELLER*
G-6422-C	600 x 400 x 220	£26.74	*BEST SELLER*
G-6427-C	600 x 400 x 270	£31.88	
G-6432-C	600 x 400 x 320	£31.10	*BEST SELLER*
G-6442-C	600 x 400 x 420	£43.89	
G-8612-C	800 x 600 x 120	£45.89	
G-8622-C	800 x 600 x 220	£63.27	
G-8632-C	800 x 600 x 320	£83.01	

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****Pallet quantities are available, please call for price & availability****

ESD CONDUCTIVE DIVIDERS

Providing ESD protection for your static sensitive devices, anti-static box dividers are modular in order that they can be arranged in various combinations.



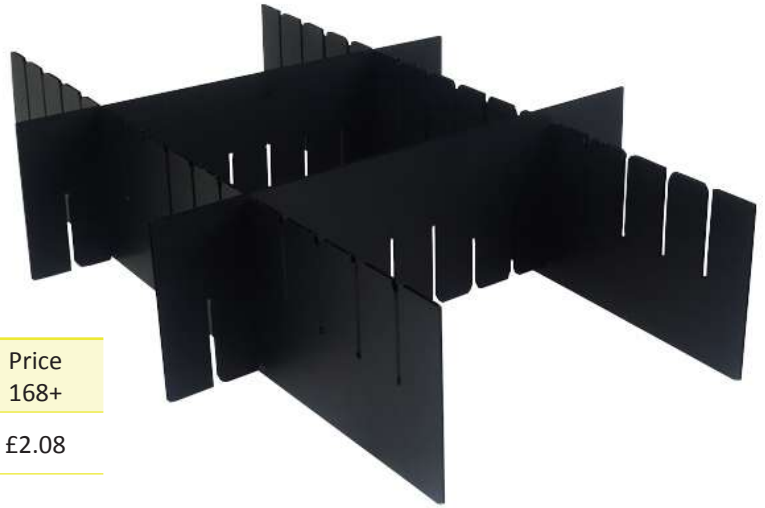
Part No:	Size (mm)	Price 1-55	Price 56-167	Price 168+
GES-CCD5111-C	560 x 110 x 3 (16 Slots)	£4.80	£3.93	£2.08



Part No:	Size (mm)	Price 1-83	Price 83-251	Price 252+
GES-CCD3111-C	360 x 110 x 3 (10 Slots)	£4.20	£3.18	£1.68



Part No:	Size (mm)	Price 1-378	Price 379-629	Price 630+
GES-C24442/1/A	258 x 110 x 3 (7 Slots)	£3.60	£2.78	£1.44



Features and Benefits:

- Made from Conductive Corriplast® which is a corrugated plastic material that is manufactured from Polypropylene / Ethylene copolymers.
- Protects from static damage
- Minimises movement of parts during normal transit and handling
- Improves efficiency. They can allow for more items to be safely transported
- Prevents over-loading of parts
- Allows for a much quicker retrieval of parts
- Makes it easier for quick visual stock checks

ESD HD BLACK CONDUCTIVE FOAM

Features and Benefits:

- Size: 360 x 560 x 10mm
- Soft, flexible, non-corrosive polyurethane
- Very low shedding
- Provides mechanical and electrical protection
- $10^3 - 10^5 \Omega$
- Density - 26kg/m³



Part No:	Size (mm)	Price 1-24	Price 25+
101-025-B	360 x 560 x 10	£8.94	£8.48
101-025-C	360 x 280 x 10	£7.94	£7.58



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ESD TROLLEYS

ESD Trolleys are the perfect way to move static sensitive components around the production line. Designed to accommodate standard ESD boxes and picking bins.



CONTAINERS NOT INCLUDED



Single Trolley Dimensions:

- L640 x W420 x H170mm
- Handle Height: 1020mm

Two Tier Trolley Dimensions:

- L640 x W420 x H660mm
- Handle Height: 1020mm

Features and Benefits:

- ESD Powder coated frame
- Durable zinc plated shelves
- Sturdy castor locks
- ESD castors

Part No:	Description	Price
109-115	Single Tier Trolley	£164.28
109-116	Two Tier Trolley	£201.84



2 x Lockable Rear ESD castors

ALL PRICES EXCLUDE VAT

ESD TROLLEYS

ESD Trolleys are the perfect way to move static sensitive components around the production line. The standard ESD trolley is designed to fit euro containers, picking bins and reel storage racks in various sizes to provide effective storage of screws, parts and components. The 4-tier trolley has 3 height-adjustable shelves.



Features and Benefits:

- Frame material: Galvanised steel
- Trolley dimensions (LxWxD): 1300 x 620 x 486mm
- Top three shelves (WxD): 620 x 420mm
- Bottom shelf (WxD): 620 x 485mm
- x4 conductive swivel castors (x2 castors with a brake)
- Castor/wheel size: 100mm
- x4 tiers (includes x3 height-adjustable shelves)
- Shelves can be tilted to max. 25mm
- Can be fitted with euro containers, reel storage racks, picking bins or trays
- Resistance to groundable point: $10^4(3) \times 10^5(5) \Omega$
- Assembly instructions included
- Compliant according to IEC-61340-5-1 International Standard
- RoHS and REACH compliant
- CE approved



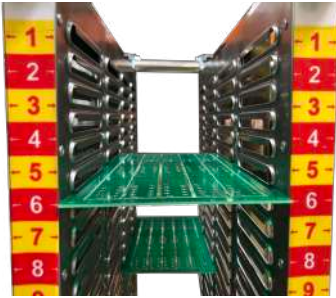
ESD smooth glide castors

Part No:	Description	Price
601-026	Standard ESD Trolley	£672.00

ALL PRICES EXCLUDE VAT

ESD PCB TROLLEY CART

The ideal rack solution for storing and carrying large numbers of PCB's, with quick adjust levers to facilitate easy width adjustment.



Features and Benefits:

- Quick Adjust, levers allows easy width adjustment.
- Rigid Stainless Steel frame.
- 4 x 4" Castors
- Conductive chain
- Loading weight per layer: 1KG
- Heat Resistance to (200 °C)
- Surface resistance: 10^4 to 10^9 Ohm
- Slot Depth: 3mm @ 10mm pitch
- Main material is 201# stainless steel and PP conductive board
- 3 lines of PCB's available with 55-110 PCS

Part No:	Size	Price
109-110	900x650x1260mm	£698.00
109-135	Double Sided Panel	£190.00



ALL PRICES EXCLUDE VAT

ESD PCB TROLLEY CART

A great rack solution for storing and carrying large numbers of PCB's, with easy to adjust width adjustment.

Features and Benefits:

- 50/100/150 Available Slots
- Max PCB Thickness: 5mm
- 10mm pitch
- Panel Depth: 450mm
- Store and carry large numbers of PCB's
- Easy width adjustment
- ESD Smooth Glide Castors
- x4 conductive swivel castors (x2 castors with a brake)
- Castor/wheel size: 100mm
- Frame material: Galvanised steel



109-111



109-113



Part No:	Trolley Width	Working Width	PCB Slots	Panels Available	Price
109-111	600mm	500mm	50	1 x Single Fixed, 1 x Single Adjustable	£659.40
109-112	1100mm	1000mm	100	1 x Single Fixed, 1 x Single Adjustable, + 1 x Double Adjustable	£939.12
109-113	1100mm	1000mm	150	1 x Single Fixed, 1 x Single Adjustable, + 2 x Double Adjustable	£1,181.52
109-114	n/a	n/a	n/a	1 x Double Adjustable (Panel Only)	£234.82

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