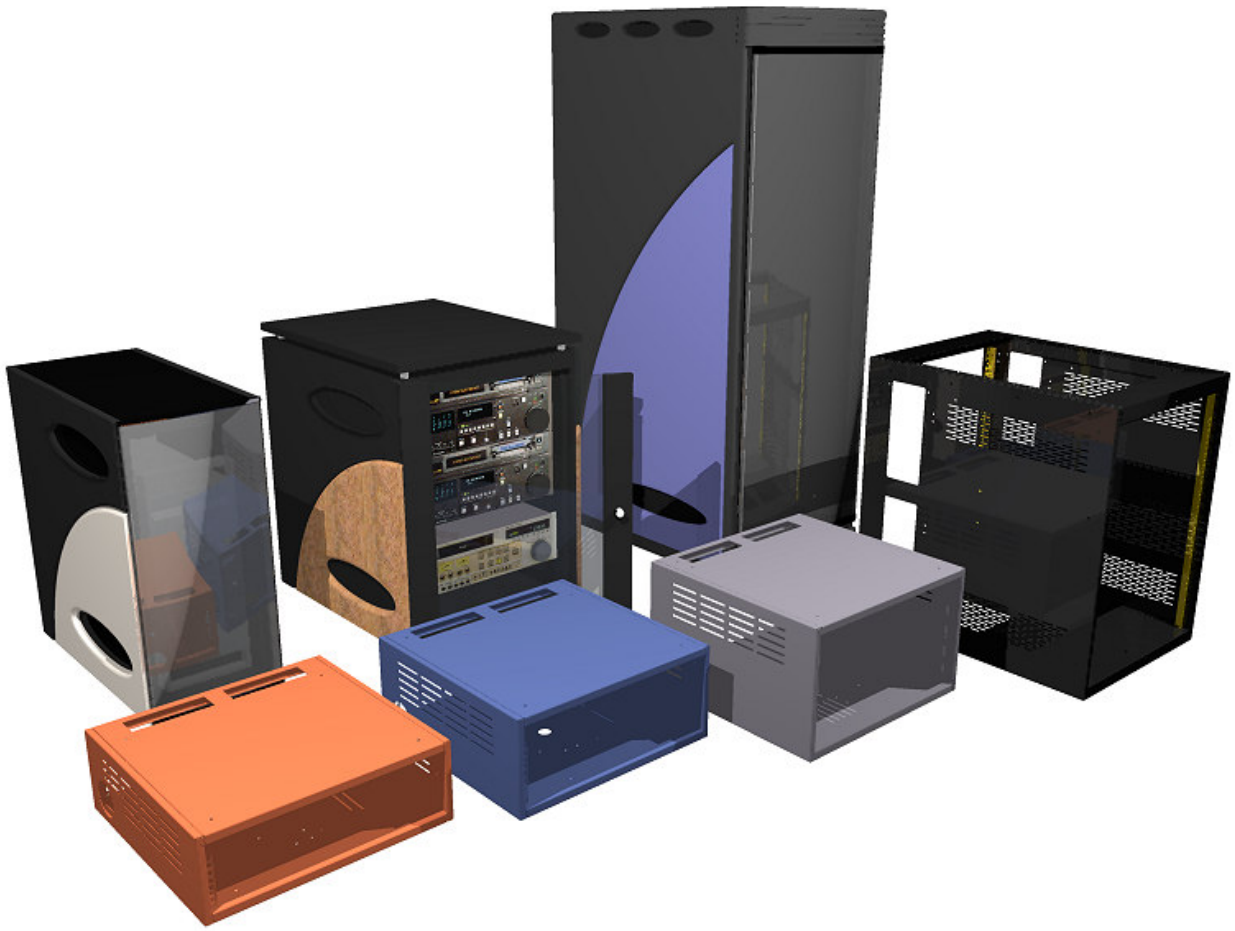
‘BR’ 19” Rack Catalogue



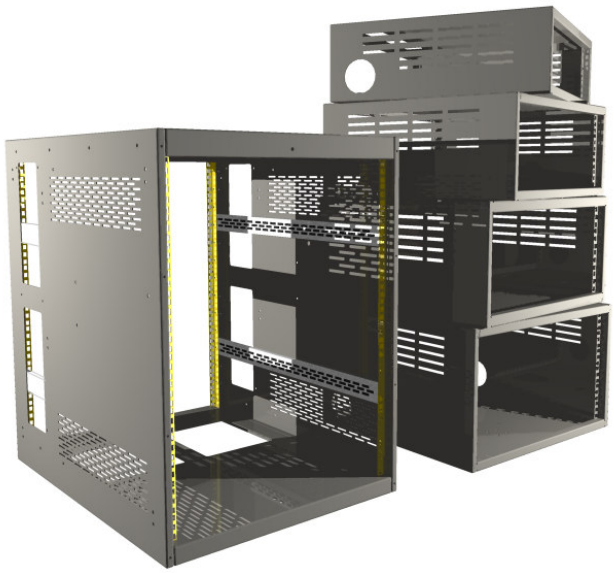
BR Series 19” Rack Cabinet chassis are compact, one piece welded steel construction with 19" Rack stripping front and rear that may be used on their own, or supplied with a variety of trim and styling kits to order, or fitted by customers into their own installation design.
There are three basic chassis types available. Standard 19" in 600 and 800mm depth with adjustable 19" rack stripping , these are available in 14Ru,22Ru & 30Ru sizes there is also a half rack width version of the 14RU rack, the BR14HR, which can take PC or be adapted to take 19” equipment mounted vertically.
A fourth type of ‘BR’ style chassis is the ‘BRM’, available in 3RU, 4Ru,5Ru & 6RU sizes. ‘BRM’ racks are particularly suitable for fitting into or under work surfaces or for mounting on swing arms or other mounting systems or as part of MW console or desk systems.

ELDECO bvba-sprl. Kalkenstraat 91-93 B-8800 ROESELARE – Belgium
Tel.+32 (0)51.24.00.99 Fax: +32 (0)51.24.02.57 Email: eldeco@eldeco.be Web: www.eldeco.be

Specifications in this catalogue may be subject to change without notice

'BR'19" Rack Chassis

Basic Rack Chassis

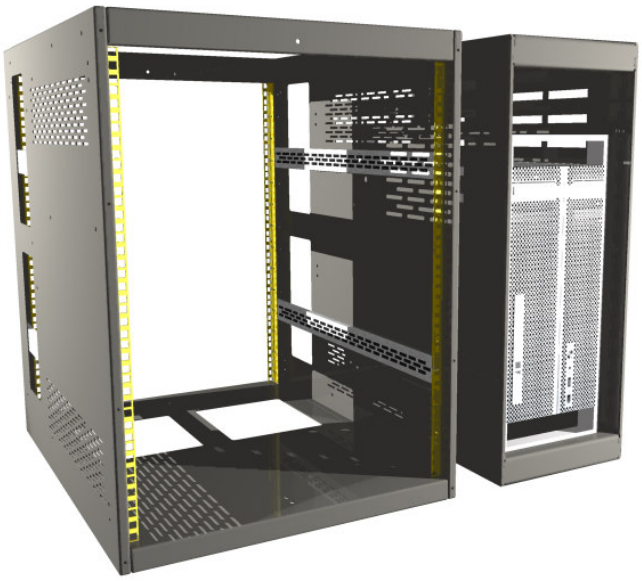


Note:
Standard BR finish is Black. Illustrations are in grey in order to show up detail

'BR' and 'BRM' basic 19" Rack chassis are available in various sizes as plain units that customers may fit and trim to their own requirements.
Chassis are welded steel construction and finished in Black Fine Texture powder coat.
'BR' Chassis are supplied with separate plated rack stripping which can be mounted in variable positions front and rear. 'BRM' Chassis have fixed rack strip front and rear.

Dimensions

BR146 W514mm x D673mm x H698mm
BR148 W514mm x D800mm x H698mm
BR228 W514mm x D800mm x H1054mm
BR308 W514mm x D800mm x H1409mm
BRM3 W514mm x D500mm x H174mm
BRM4 W514mm x D500mm x H219mm
BRM5 W514mm x D500mm x H264mm
BRM6 W514mm x D500mm x H308mm



Half Rack Chassis

The BR146 Rack chassis is also available in a 'half rack' width. This is particularly useful for accommodating PC Towers, allowing the tower to stand next to a full 19" rack fit with rack mount ancillary items that may need to be close to the tower for technical reasons, with cabling between the two via the side apertures.

Dimensions

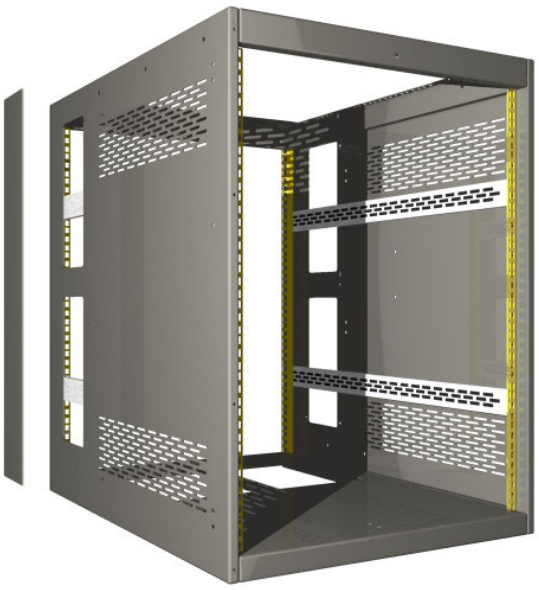
BR146HR W289mm x D673mm x H698mm



19" Adaptor Frame

The BR146HR Half Rack can be fitted with a 19" adaptor frame which will allow the vertical mounting of up to 5Ru of standard 19" equipment.
This can be useful when a PC Tower needs to be accommodated alongside extra drives or a breakout box and other ancillaries that come in standard 19" chassis.

BRHR-195AF 5Ru x 19" adaptor frame.

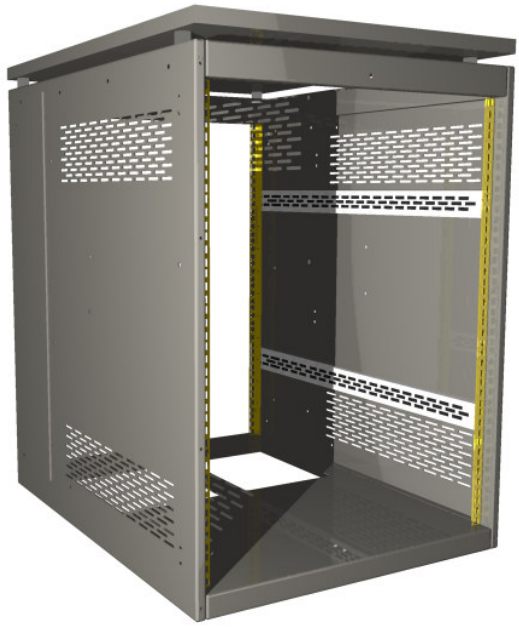


Cable Access Covers

If BR chassis are joined together or there is no rear access for cables, cut-outs are provided in the sides at the rear which can take cable tray up to 150mm wide.
These apertures can be closed off when required by fitting a blanking plate.
This is supplied as an accessory to the basic BR chassis.
A single one per side is required for 14Ru and 22RU chassis and two for a 30RU chassis.*

BR14ST Side Access cover

* None required if BR chassis are fitted with full side trim panel



Top Panels

In many applications 'BR' Racks are fitted under worktops and they have a cut-out in the top to allow control panels etc to be sunk into the worktop surface if required.
When used in 'stand-alone' applications a separate top panel option is available which may be mounted directly onto the rack chassis or raised 20mm on spacers to provide extra ventilation

BR146-RTP Raised top cover kit for BR146
BRHR-RTP Raised top cover kit for BR14HR
BR148-RTP Raised top cover kit for BR22/30



Glass Doors

BR chassis may be fitted with tinted toughened glass doors, front or rear. These doors are inset into the chassis frame and will therefore require the Rack strips to be inset slightly back from the face of the rack
Glass doors are lockable but may also be securely latched shut without need for a key.

BR14-FGD full width door for BR146/148
BR14HR-FGD half width door for BR14HR
BR22-FGD full width door for BR228
BR30-FGD full width door for BR308



Vented Door

BR chassis may also be fitted with ventilated steel doors, front or rear. These doors are inset into the chassis frame and will therefore require the Rack strips to be moved slightly back from the face of the rack
Steel doors are lockable but may also be securely latched shut without need for a key.

BR14-VSD full width door for BR146/148
BR14HR-VSD half width door for BR14HR
BR22-VSD full width door for BR228
BR30-VSD full width door for BR308



Rear Extension Panel

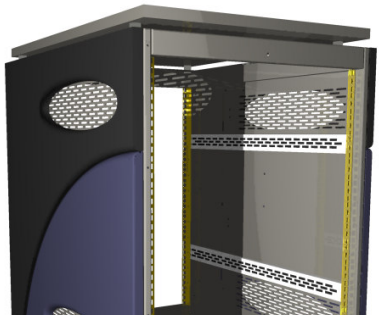
To allow extra clearance for connectors and cables on extra deep equipment that may be mounted into 670mm and 800mm depth chassis a box section quick release rear panel may be fitted which extends the effective depth of the enclosure by 100mm.

BR14-FGD full width door for BR146/148
BR14HR-FGD half width door for BR14HR
BR22-FGD full width door for BR228
BR30-FGD full width door for BR308

'BR'19"RackTrims

Optional Side Trim Panels

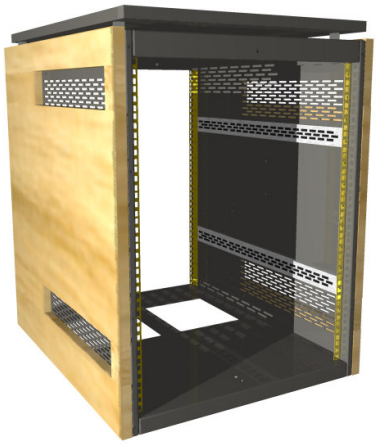




Two Part Trims

Two part side trims are designed to give BR chassis an attractive appearance that can be economically matched to existing décor by changing only the lower side segment.
Stock variations are available in a combination of:

TK2/07 Black/Cobalt Blue Nextel
TK2/08 Black/Terracotta Nextel
TK2/LO Black/Light Oak Veneer
TK2/B Black/Beech Veneer
Add Rack code in front of trim code



Single Part Trims

Single part side trims are also available in a variety of finishes as a lower cost option.
Stock available are:

TK1/06 Black Nextel
TK1/LO Oak Veneer
TK1/B Beech Veneer

Add Rack code in front of trim code

'BRHS'19"Cabinets





06/08 06/07 06/LO 06/B

'Hi-Style'Trims

'BR' 19"Rack chassis can be provided fitted with a complete 'Hi-Style' Trim and panel set, with or without curved tinted Acrylic doors.
The finished appearance is very different from a typical 10" 'Rack Box' and BR cabinets finished in this way will enhance the appearance of any installation area.
Panels are finished in Nextel which has an unusual fine suede like soft appearance but is very hard wearing and easily cleaned.
Coloured inserts are available from stock as for the TK" panel sets and special inserts can be made to customer order to match existing décor

BR146FS-TK2 W514mm x D500mm x H308mm
BR228FS-TK2 W514mm x D500mm x H308mm
BR308FS-TK2 W514mm x D500mm x H308mm

Stock Colour codes

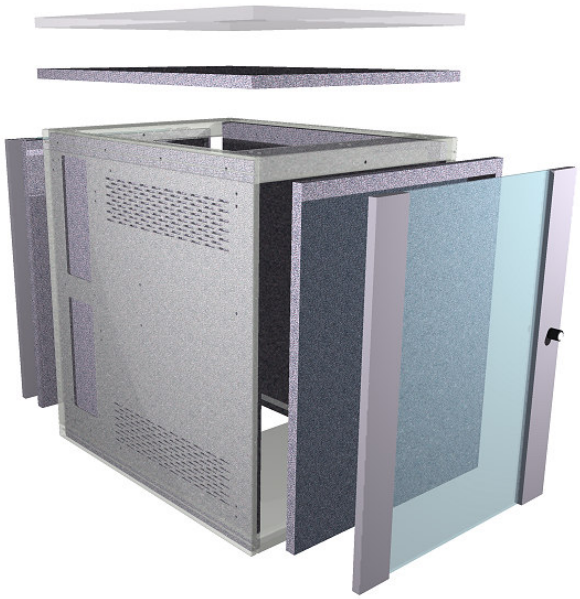
06/LO Black Nextel/Light Oak Veneer
06/B Black Nextel/Beech Veneer
06/07 Black Nextel/Cobalt Blue Nextel
08/08 Black Nextel/Terracotta Nextel



Curved Doors

Designed to go with BR 'Hi-Style Racks the optional tinted, curved Acrylic door kit enhances the appearance of the enclosure as well as protecting the equipment from the environment.
The door is easily is retro-fittable and non lockable.

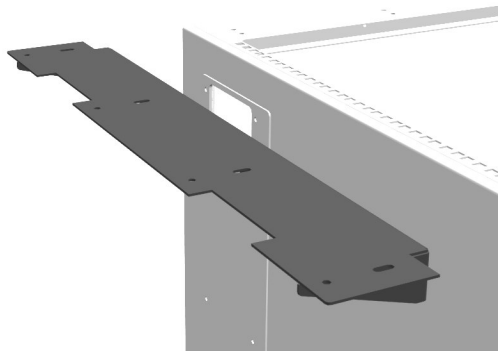
BR14-CFD for 14Ru Rack
BR22-CFD for 22Ru Rack
BR30-CFD for 30Ru Rack



Acoustic Foam Kits

'BR' Racks can be fitted with Acoustic foam noise suppression kits for use in areas where noise may be a problem, such as Edit Suites, recording Studios etc.
Particular care must be taken to ensure that equipment fitted into the enclosure is properly cooled and the use of a low noise Fan Tray is recommended as a minimum requirement, but the exact specifications will depend on the equipment fit and the environment.

BR-AFK**
Specifications Subject to Quotation



Worktop Support

For use if BR146/148 Racks are to be fitted under a work top the **PDSDSB** support bracket allows the work top to be securely fixed.
.

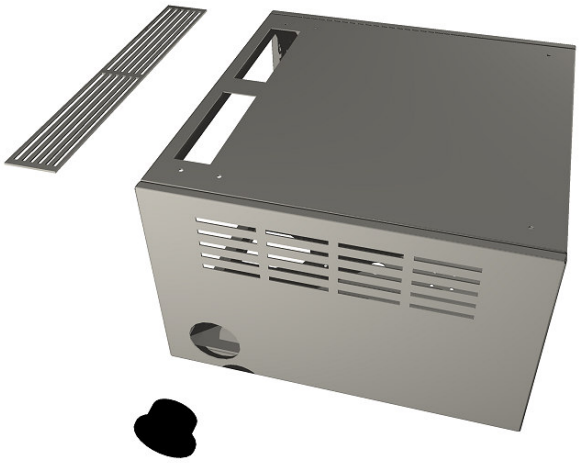
PDSDSB worktop support bracket



Castor Base Kit

BR Racks may be mounted on castors (supplied as standard on all **BRHS** units). Castors are supplied with mounting plates to increase the load bearing capacity of the rack base.

BR-CSK4 Castor and base support kit



BRM Fittings

BRM racks are often fitted side by side and/or under shelves and cable entry slots are therefore provided on the top and sides (as well as underneath) When BRM Racks are used in 'Stand-alone' applications these cable entry slots can be fitted with vent grilles and blanking plugs.

BRM-VTG Top vent Grille
BRM-RBP Side Blanking grommet



Tube Mount

An adjustable height tube mount is available for mounting BRM modules raised above desk work top panels. Panels require a 60mm diameter hole to be cut and cable entry can be via the tube or module rear panel.

BRM-XTM 100mm > 180mm adjustable



Swing Arm Mount

Desk top mounting, height adjustable heavy duty swing arm will take all BRM modules. Requires 20mm hole in worktop surface* Suitable for loads up to 40Kg.

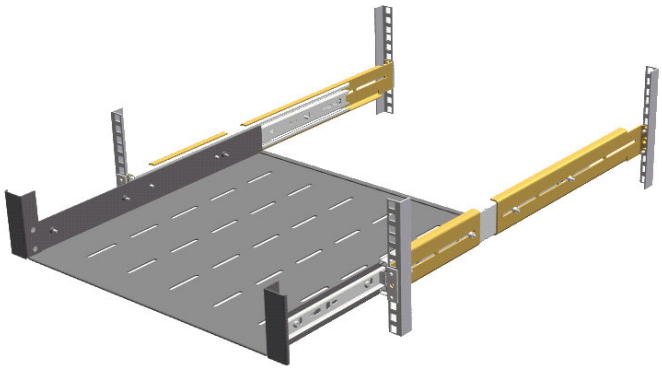
BRM-SA50 100mm > 180mm ajustable

* Considerable loads can be imposed on the mounting point. Not all work surface materials may be suitable. Please check with ELDECO before ordering



VCR Rack Kits

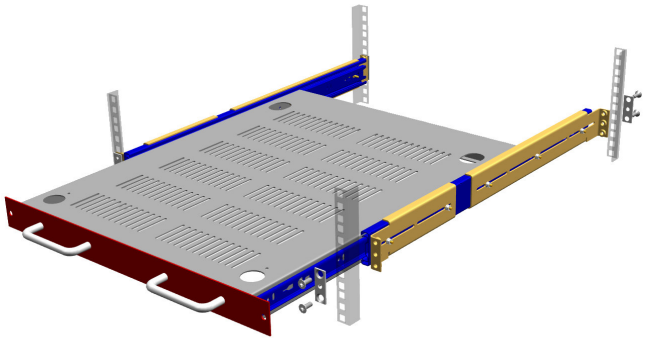
19” Rack Mounting Kits are available for most popular VCRs from JVC, Sony, and Panasonic The list of these changes to keep pace with the introduction of new models and can be supplied on request.



Sliding Shelves

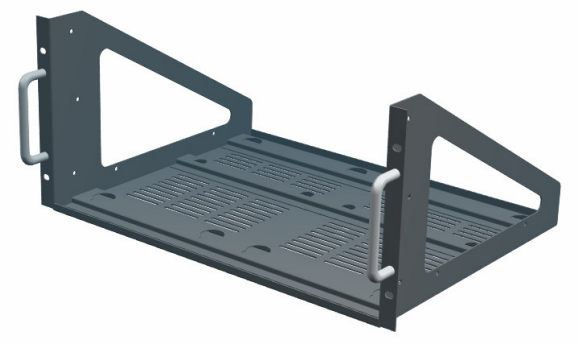
UR19ESLD Full extension medium duty 19”Rackmount sliding shelf kit with Ball race Slides. Available with separate 2ru/3ru/&4ru rack ear options. Takes equipment with chassis width up to 412mm Maximum load - 45Kg

UR19ESLD-2U- Medium duty shelf 2U- Rack ears
UR19ESLD-3U Medium duty shelf 3U- Rack ears
UR19ESLD-4U Medium duty shelf 4U- Rack ears



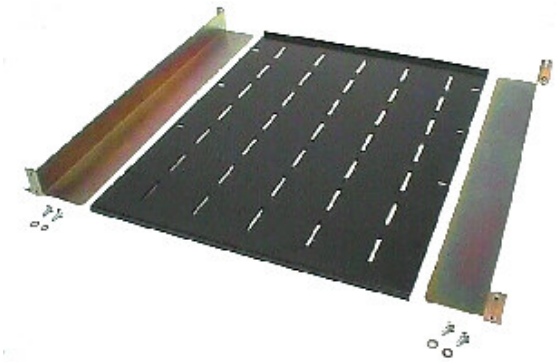
UR19ESHD Full extension heavy duty 19”Rackmount sliding shelf kit with Ball race Slides. Maximum load - 60Kg

UR19ESHD Heavy duty shelf 1U



Monitor Rack Kits

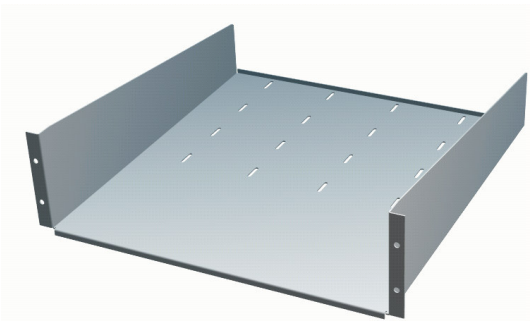
19” Rack Mounting Kits are available for many popular Monitors from JVC, Sony, Ikegami and others.
The list of these changes to keep pace with the introduction of new models and can be supplied on request.



Fixed Shelves & Chassis supports

Fixed Chassis support angles mount between front and rear rack strip and are suitable to hold items weighing up to 25Kg with a chassis width of 300mm+.
For narrower items, or items weighing up to 30Kg, vented shelf trays, **ER19ES** may be fitted to chassis support angles.

ER19EBS	**Chassis supports BR146 deep Rack**
ER19ES/EBS	**Chassis supports+shelf 800 deep Rack**
ER19EBED	**Chassis supports 670 deep Rack**
ER19EBED/EBS	**Chassis supports+shelf 800 deep Rack**



19” Trays

Front mounting equipment shelf in 2ru/3u rack options. Supplied with fixings.
Takes equipment with chassis width up to 412mm
Maximum load - 20Kg

UR19ETS-2U Cantilever mount equipment tray 2RU
UR19ETS-3U Cantilever mount equipment tray 3RU