‘MG’19” Multi -Rack Catalogue



The 'MG' 19" Rack frame System from MW & ELDECO has been developed for applications where Racks need to be joined and/or stacked to provide a variety of mounting configurations for applications that require multiple 19" Rack bays to be accommodated in minimum space, such as monitor stacks, outside recording vehicles etc.

Frame Modules are 'Flat-Pack' and available in 1/ 1.5/ 2 &3 Bay widths with 10/12/ 15/22 & 36 RU equipment mounting space. Module sections are extremely compact with each 19" Bay section measuring 514mm in width and only 1RU (44.45mm/ 1.75") in vertical height more than the equipment RU mounting space. Additionally, on multiple Bay Modules, intermediate vertical frames may be omitted or re-positioned allowing wider equipment to be installed or equipment to be vertically offset in multi-stacked layouts.

Frame Modules are of steel construction painted in Dark Grey and have 19" Rack strip front and rear.

Provision is made for fitting cable tray and Trims and panelling , these and wide range of other accessory items are also available.

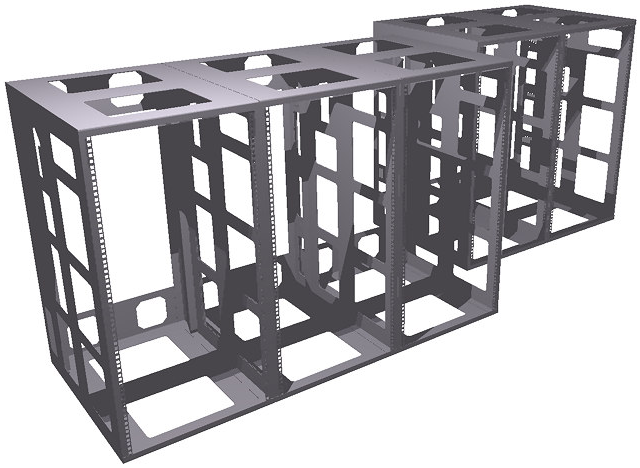
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MG Single Bay Frames

MG 19" Rack frames are supplied 'Flat-Pack' and are available in 6 different Ru heights – 7u,10u,12u,15u,22u & 36u. Frames are only 1u (44.45mm) higher than the equipment mounting area and provide a very space efficient solution for rack mounting equipment where space is at a premium.

Code	Ru	H x W x D
MG-RM701	7	355 x 514 x 700
MG-RM101	10	489 x 514 x 700
MG-RM121	12	578 x 514 x 700
MG-RM151	15	711 x 514 x 700
MG-RM221	22	1022 x 514 x 700
MG-RM361	36	1645 x 514 x 700



MG Mult-Bay Frames

MG 19" Rack frames are also available as multi-bay modules in 2 or 3 bay widths. Vertical frames within modules can also be repositioned to allow for the mounting of wider equipment such as plasma screens etc. or to provide 'offset' 19" mounting positons in vertically stacked MG layouts.

Code	Ru	H x W x D
MG-RM*2	*	** x 1028 x 700
MG-RM*3	*	** x 1542 x 700

*Add Ru height from module list
** Add dimension from module list



MG Bay Vented Tops

MG 19" Rack modules may be ordered with either standard or Vented Top panels. If modules are to be stacked the top module is normally supplied with a Vent Top, but either type may be used in any application at no extra cost.

Code	Ru	H x W x D
MG-RM*1VT	*	** x 514 x 700
MG-RM*2VT	*	** x 1028 x 700
MG-RM*3VT	*	** x 1542 x 700

*Add Ru height from module list
** Add dimension from module list



MG Side Panels & Trim

If MG Modules are to be used as 'stand-alone' items they can be fitted with Side Panels and Fascia Trims for a high quality finished appearance.
Standard panels and Trims are MDF finished in Anthracite 'Nextel' to match the frames. Steel panels are also available to special order.

Code	Description
MG-EP*K	Pair of side panels
MG-FP*-**K	Fascia Trim Kit

*Add Ru height from module list
** Add Module Multi-Bay size (1/2 or3)

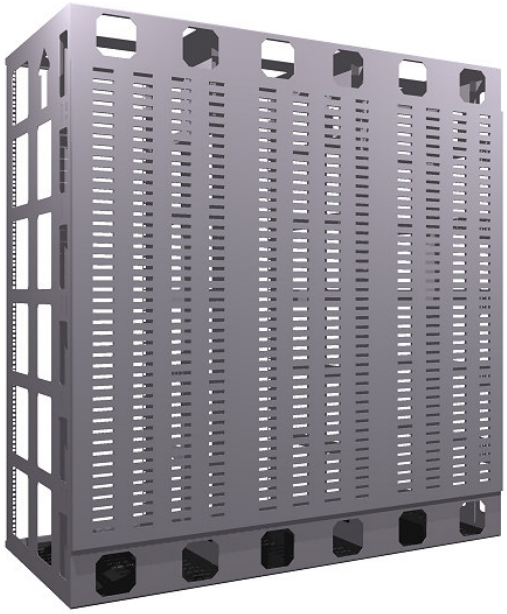


MG Doors & Fascias

Optional hinged, part height, front doors and/or fixed Fascia panels may be fitted to the front of MG trimmed Modules. Shelves may be fitted in the space behind doors but such areas are not generally suitable for fitting 19" Rack mounted equipment owing to insufficient clearance behind the panels.
Doors are finished to match side panels as standard but are available in toughened smoked glass to special order.

Code	Description
MG-FDP*K	Hinged Door Panel
MG-FP*-**	Fixed Fascia Panel

*Add Ru height from module list
** Add Module Multi-Bay size (1/2 or3)



MG Rear Panels

Optional , Vented, 'Lift-off' Rear Panels are available if required. When in position these leave a an area clear, top and bottom, , to allow for the fitting of fan units or for cable entry access via the rear.
These areas may be blanked off if not needed.

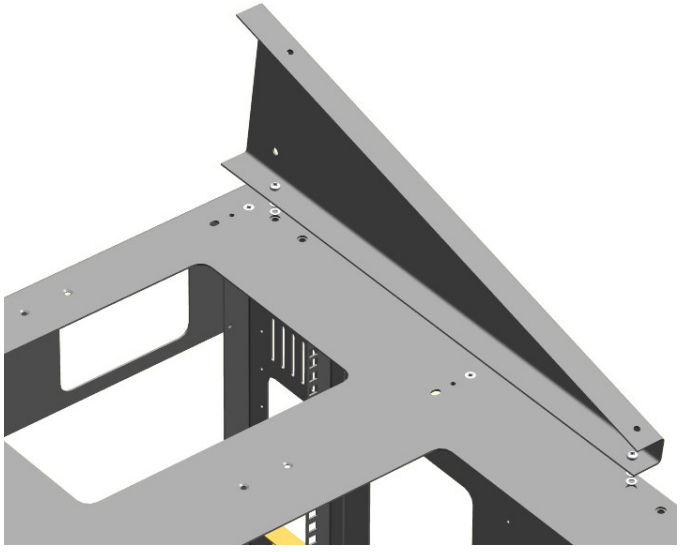
Code	Description
MG-RPV*	Vent Rear panel

*Add Ru height from module list



MG 19" Modules may be joined horizontally and stacked vertically to provide a variety of high density equipment installation layouts, particularly suitable for Monitor Stacks or Mobile units where space is often at a premium.
Vertically stacked modules may be fixed directly to each other to form a vertical mounting face or they may be fitted with tilt adaptor kits to suit operator eyelines.
The design of the MG frame system makes it extremely easy to construct even large layouts very quicky and easily.
Finished stacks are very strong and rigid and will take a considerable weight of equipment.
The open frame structure allows for good airflow for cooling and provision is made in the rear panels for Fans to be fitted at the top and bottom of each module section when considered necessary.





MG Stack Tilt Adaptor

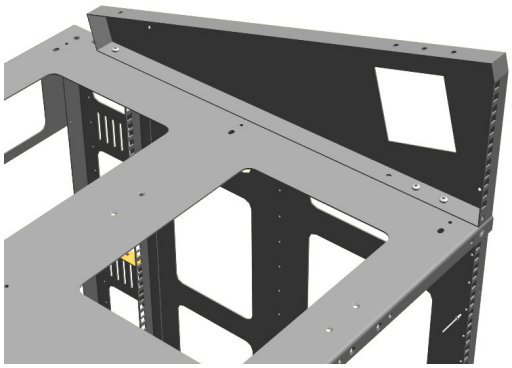
MG Modules can be stacked vertically directly on top of each other with a join point only taking up 1Ru (44.45mm) of rack space.
Alternatively an angle adaptor kit, **FTA15,** may be fitted in between Modules to tilt them at 15 degrees with respect to each other.
The tilt angle can be set forward or backwards by reversing the adaptor profiles

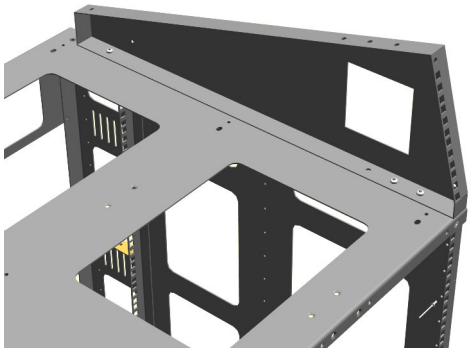


MG Fascia Trims

MG Module Stacks can be trimmed to provide a continuous floor to ceiling wall appearance.
Depending on wether the top module section is vertical or tilted an optional top Fascia kit is available to fill any gap.
This fascia area may also be used to mount additional items such as clocks, speakers, vent grilles etc.







Top Fascia Mount

The top Fascia panel can be mounted vertically to a flat top or tilt top MG configuration by simply mounting the Fascia support profiles **MG-FPSB** the other way up.
Fascia support profiles have 4 Ru of 19" rack stripping on the front face.



MG Base Plinths

MG Rack frame Modules may be mounted on a Plinth Base Module if required.
There is full cable access to the Plinth area from the rear or underneath and cabling may also be taken from side to side for wiring between module sections.
Plinth modules are 355mm high as standard and are available in 1, 2 or 3 bay sections.

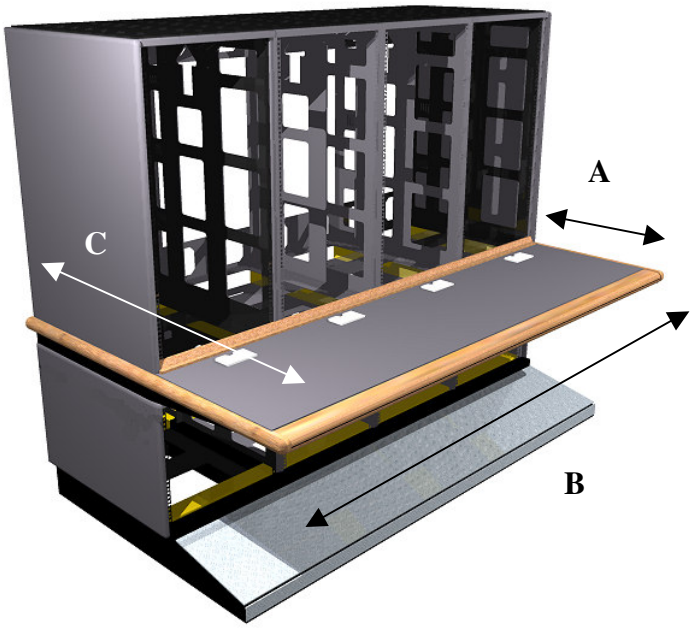
Code	H	x	W	x	D
MG-PL1-355	355		514		1000
MG-PL2-355	355		1028		1000
MG-PL3-355	355		1542		1000



MG Base Plinths

An alternative style of Plinth is avaialable with an extended front section.
This is not as high as the standard base plinth but still has sufficient space for cable management.
The main application for extended front Plinths is to prevent tipping when equipment on slide mounts is fitted in the Rack Modules or where a desk front is to be fitted.

Code	H	x	W	x	D
MG-PL1EX-178	178		514		1000
MG-PL2EX-178	178		1028		1000
MG-PL3EX-178	178		1542		1000



A = Desk Panel depth excluding Front Trim
B = Overall Desk width including Trim
C = Overall Desk depth including Trim

MG Desk Fronts

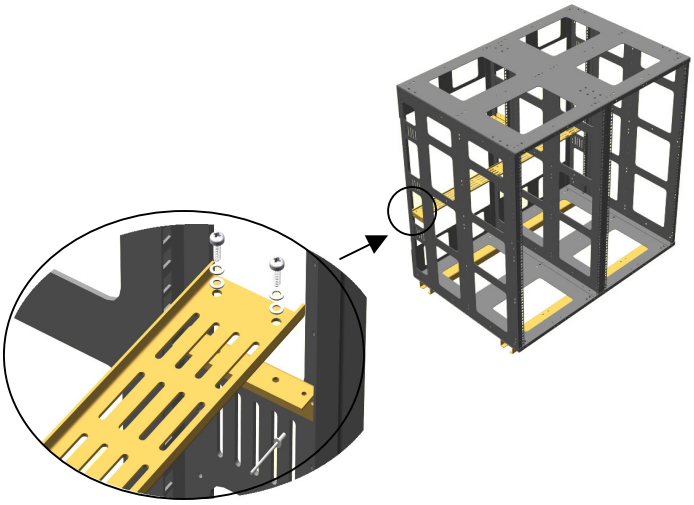
MG Rack Modules may also be configured as control desks. Desk kits are available in single panel and trim lengths up to 5 Bays wide (approx 2.5M) Larger sizes are made up from joined smaller lengths.
Standard desk Panel surfaces are available in 2 standard depths of 445mm and578mm (+ 75mm front trim)
Desk kits have Steel frame profiles and are fitted between an upper and lower MG Module block and add approximately 100mm to the overall height of the module set (+178mm if an extended base Plinth is fitted)
Desk panels are MDF finished in Anthracite 'Nextel'. They are removable and may be cut out to take recessed panels.
Desk trims are in Solid Oak and are also removable to facilitate repair/replacement if damaged.

Code	Dim A	Dim B	Dim C
MG-DK1-10	445	585	1253
MG-DK2-10	445	1028	1253
MG-DK3-10	445	1542	1253
MG-DK4-10	445	2056	1253
MG-DK5-10	445	2570	1253
MG-DK1-13	578	585	1386
MG-DK2-13	578	1028	1386
MG-DK3-13	578	1542	1386
MG-DK4-13	578	2056	1386
MG-DK5-13	578	2570	1386



MG Bay Angles

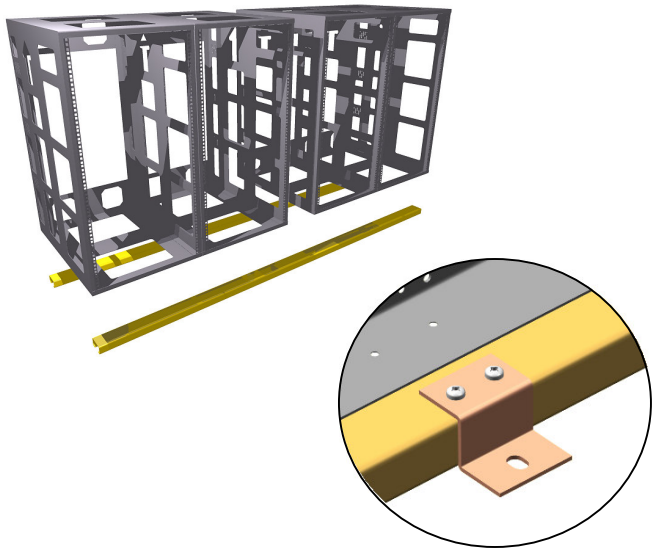
As well as being tiltable in a vertical plane MG modules may also be joined at angles horizontally.
Because of the very large variety of configurations that can be made up from MG modules angled joining kits are special order items and are made up to suite the installation application.



MG Cable Management

Provision is made for mounting 75mm horizontal cable tray behind the rear rack strip in all MG Rack modules. Mg frame profiles are also slotted to allow vertical strapping of cable. Cable tray is available in lengths of up to 4 bays wide and comes complete with fitting brackets.

Code	Length	Bays
MG-CTK751	514mm	1
MG-CTK751	1028mm	2
MG-CTK751	1542mm	3
MG-CTK751	2056mm	4



MG Security Bars

For extra security MG lower Modules bay be fitted with Steel crossbars which can be fixed to the floor. Cross bars are available in lengths up 2 5 bays (approx 2.5 metres) and are also useful for fitting across the base of joined module blocks to help ensure that all module are level with each other.

Code	Length	Bays
MG-XBS1	514mm	1
MG-XBS2	1028mm	2
MG-XBS3	1542mm	3
MG-XBS4	2056mm	4
MG-XBS5	2570mm	5



Fixing Kits

For speed of assembley MG Frame Modules use 'pop-rivets' instead of screws for the joing of top and bottom panels to vertical frames.
Modules are then normally bolted together.
A full fixing kit is supplied with each module with including a pop-rivet tool.