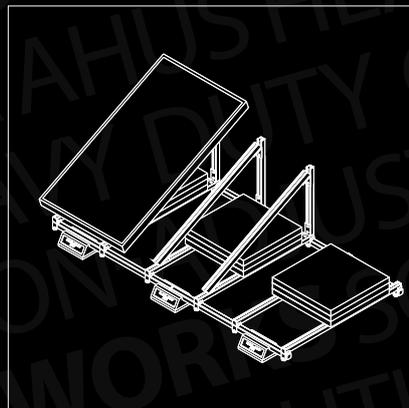
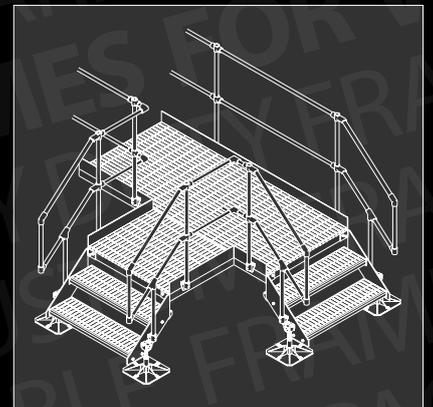
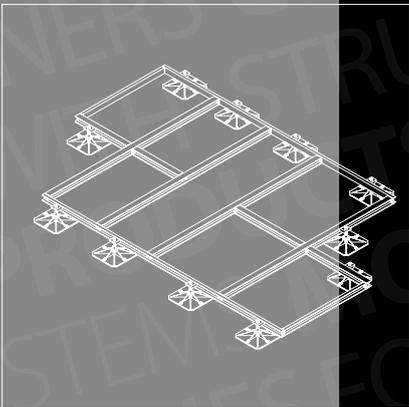
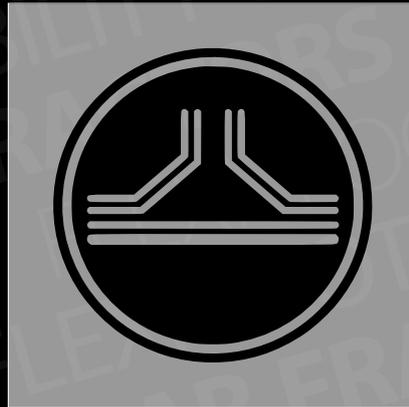
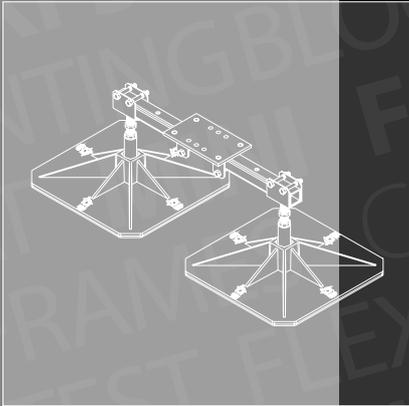
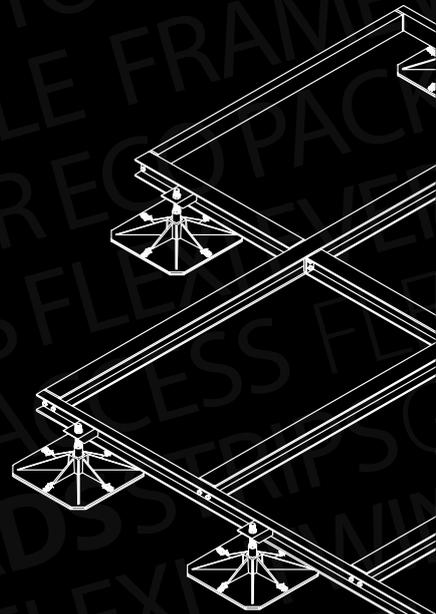
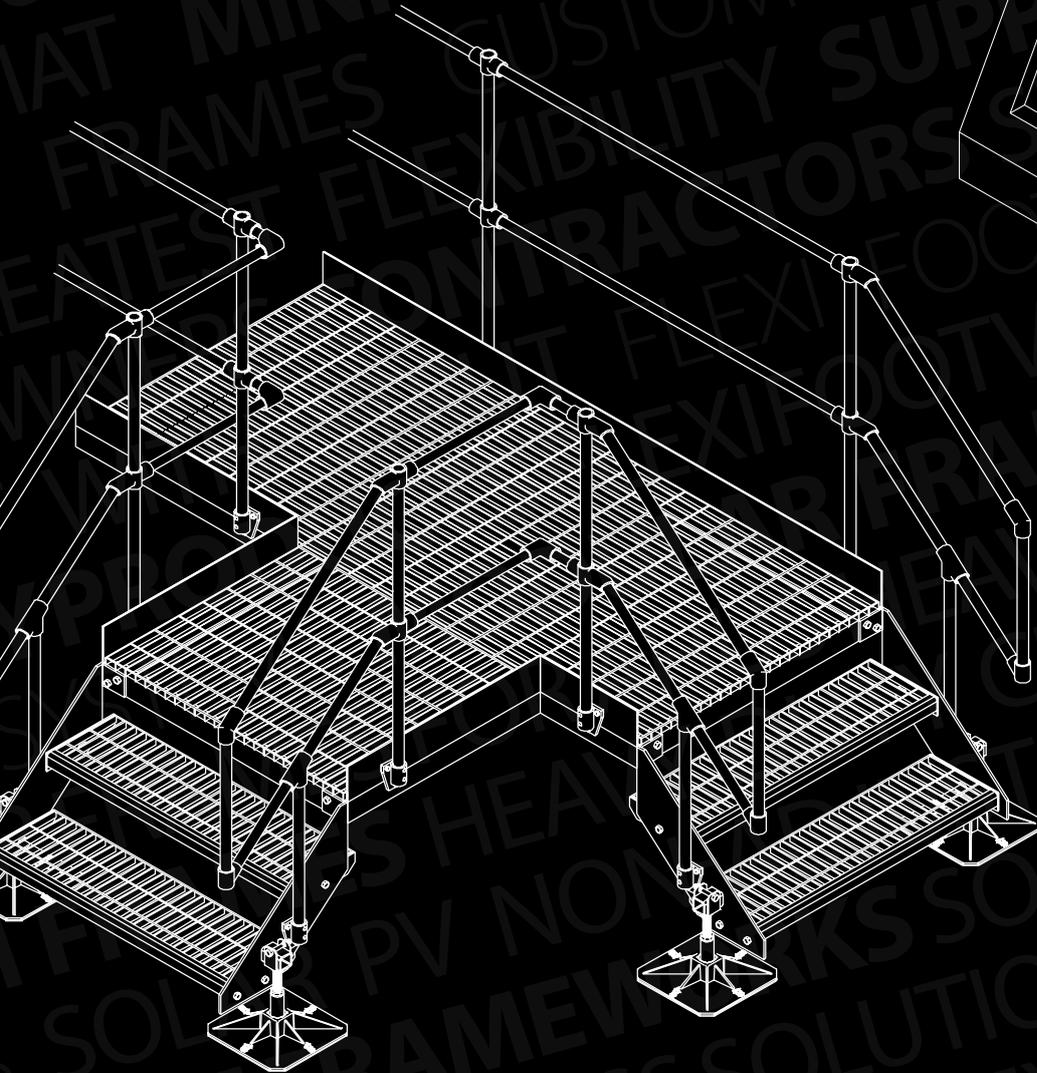
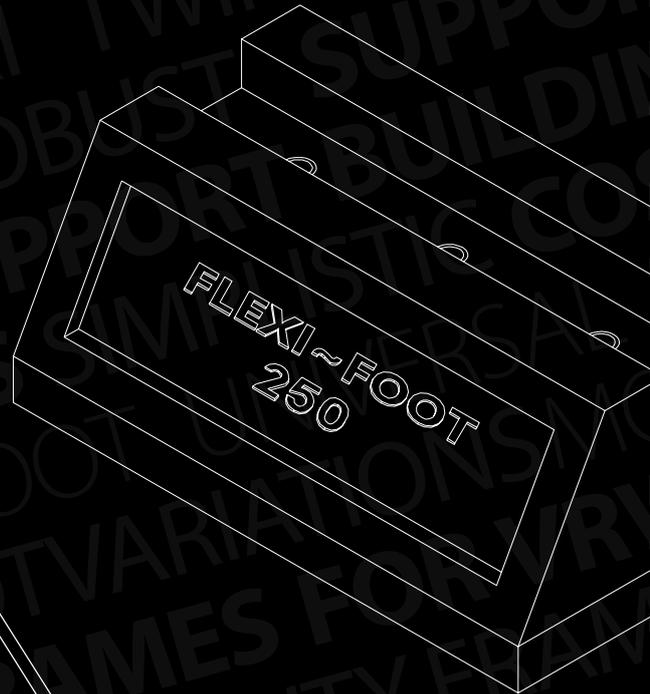
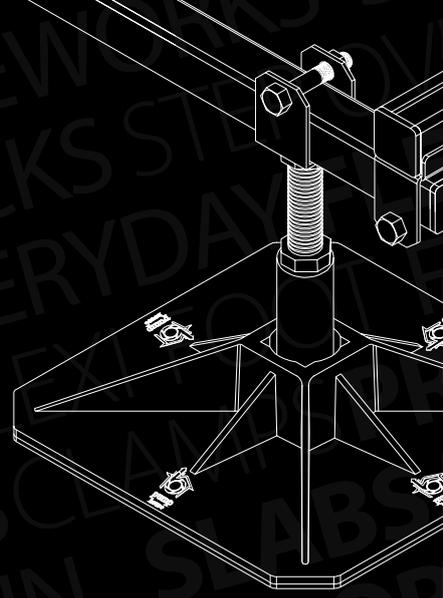
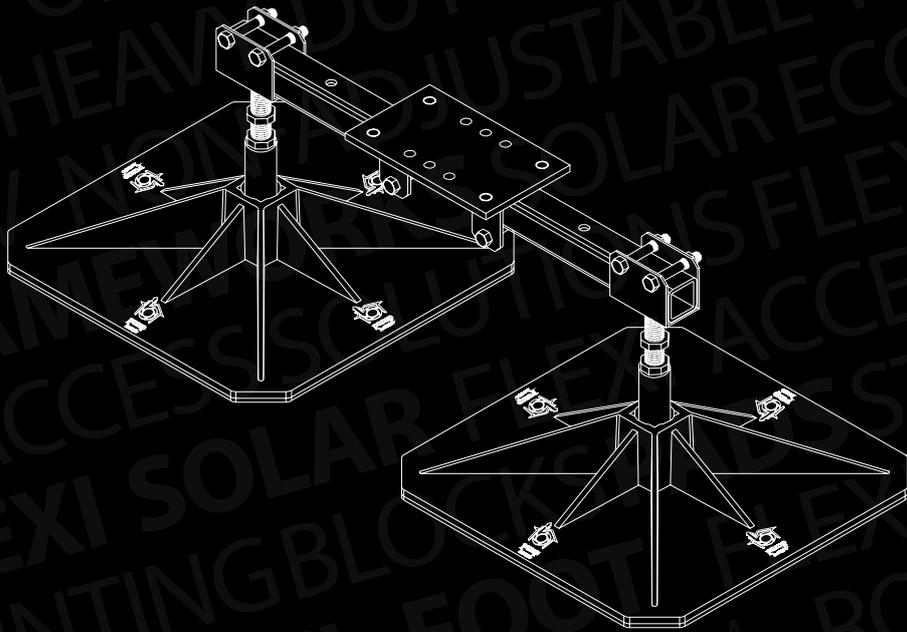


FLEXI SUPPORT SYSTEMS PRODUCT GUIDE



#flexisupport

DIVERSITECH[®]
INTERNATIONAL



FLEXI SUPPORT SYSTEMS

 flexi-support-systems





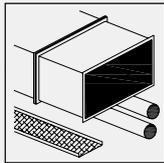
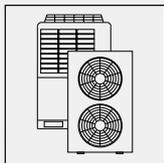
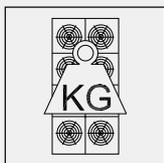
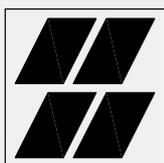
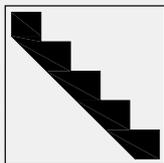
DiversiTech International has been supplying quality products into the heating, refrigeration and air conditioning sector since 2001, specialising in condensate pumps and ancillary products. The range has increased considerably over this period of time, and now offers renewable solutions - including building services support systems and associated accessories. We are proud to deliver exceptional customer service along with great quality products - all at competitive prices.

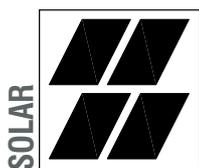
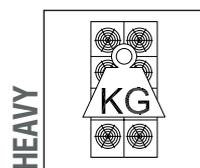
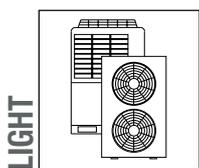
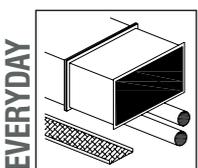
Since the launch of our **Flexi** range of building services support solutions back in 2007, we have seen significant growth due to the industry's need for an alternative solution to traditional concrete plinths or paving slabs.

As a result of listening to our customers, we offer a comprehensive range of products providing architects, engineers, consultants, building owners and contractors with simplistic, cost-effective and easy-to-install solutions to support building services.

Our support products offer greater flexibility throughout the range (hence the name - **Flexi**). Whether supporting small cable trays, condensing units and fans, or larger building services such as air-handling units, chillers and packaged plantrooms - we will have a solution. We even supply safe access walkways, step-overs, and maintenance platforms compliant with current British Standards.

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FLEXI WARRANTY

Stability: We assess the weight and size of the building services being supported on the frameworks to ensure they are safe against wind loadings, whilst working in line to BS EN 1991-1-4: 2005 Euro code: Actions on Structures, Parts 1-4 to deliver robust solutions.

Accuracy: At times it may be necessary to conduct a site survey to ensure our systems fit within confined roof spaces. Creating fully dimensional working drawings, based on our survey, or from information supplied to us by the customer, we can ensure an accurate and planned proposal that will work on the day for the installer.

Future-proofed: Flexi non-penetrative support systems ensure best working practices are at hand. Eliminating potential cold bridging issues and awkward waterproofing detailing as seen with conventional concrete and steelwork installations, there is also less inherent risk to the roofing systems when installing our support frameworks. This is augmented by supplying our standard frame solutions 300mm - 400mm above the roof finishes to ensure easier long term maintenance of the building fabric by the end user/building owner. Our sustainable long-life solutions are designed with environmental considerations and trends in mind, and are all fully recyclable.

Engineered: With heavier building services, weight distribution is a primary consideration in managing loads through our frameworks successfully down to the roofing system. In all instances, we will assess these loadings and if necessary, work closely with the project structural engineer, to ensure we provide safe workable solutions. Due to the robust nature of our lightweight systems, a primary benefit is the freedom to re-position frameworks at the last minute should the on-site project team make late changes.

At DiversiTech International we believe in protecting our customer's interests when it comes to supplying you with our product. When you purchase one of our support systems, you will automatically receive a standard 1-year manufacturer's warranty. However, we have gone one step further as we are passionate about the quality of the product we sell.

As a result, an 'enhanced' 20-YEAR WARRANTY is now available on all items that meet our system objectives and guidelines as set out below;

Requirements

- ✓ We design the solution following equipment criteria being forwarded to us via the customer e.g weight, dimensions, manufacturers' drawings etc.
- ✓ You advise us of any vulnerable site conditions, e.g. exposed location, positioned upon high-storey building, coastal positions etc. prior to a design being produced so we can factor this into our proposal.
- ✓ You advise us of the roofing system build-up, i.e. waterproofing membrane, insulation and deck type?
- ✓ The equipment is installed accurately and in accordance to our detailed drawing proposal, (post installation photos of the frame supporting the unit will suffice).
- ✓ There is still allowance for future adjustment within the leg assemblies via the M24 stud being visible, and the intended frame height has not been compromised in any way.
- ✓ No additional building services have been added to the framework.
- ✓ The installer has not damaged the galvanised coating finish to our frame(s) whilst installing due to rough handling or cutting.
- ✓ No alteration, cutting or adaptation of our support solutions has been done.

Once you have fulfilled these guidelines and submitted photographic evidence of the installation, we will issue the end user/building owner with a 20-year warranty certificate commencing from the original date of installation.

AFTER SALES SUPPORT

We will work with the end user or building owner well after the installation is complete to advise and assist them with any future re-roofing or maintenance issues to their roof where they have our support frames in situ.

We are also able to supply operation and maintenance (O&M) manuals to assist and advise them in the carrying out of basic annual, or periodic inspections of our systems.

We have an excellent understanding of modern day flat roof designs and the materials used within them to gain the water-proofing integrity and thermal efficiency. Therefore, we are able to advise the end user or building owner of the best practice when re-installing our solutions should the existing roofing build-up be replaced with an alternative roofing system.

S.A.F.E • WARRANTY

The DiversiTech International sales team are available to answer your questions or queries on this product. Our experts are waiting for your call +44 (0)115 900 5858 or if you prefer send an email to sales@flexisupportsystems.co.uk or visit www.flexisupportsystems.co.uk



WE ARE HERE TO SUPPORT YOU

DESIGN We will provide you with a fully integrated design service. We hold a large library of standard drawings ready for insertion within specification documentation and drawings. If necessary, we can visit you to discuss your project particulars and assist you in a workable solution, even if it's a bespoke one.

SURVEYING Some site conditions are complex due to existing in-situ building services that new equipment has to fit around, or existing concrete plinths dictating the design parameters. As a result, we offer full-site support services, whether it's a rooftop meeting with you to determine the scope of works, or a full detailed site survey of the roof area to ensure we can provide you with a workable solution - rest assured help is at hand.

CALCULATIONS If necessary, we will work closely with the structural consultant / structural engineer early on in the project's lifecycle to demonstrate our proposals by providing calculations ahead of the installation date. We are able to provide wind loading, and frame calculations - such as leg reactions and foot pressures - to assist in a manageable proposal.

FLEXIBLE All our systems are available in different lengths, widths and heights to provide a fully flexible solution. In addition, we can supply low level support near the roof membrane, or alternatively a diagonally braced high-level framework. Whichever is required, we will ensure a suitable and safe support solution can be provided on the day.

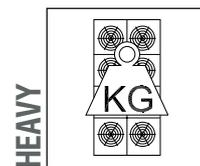
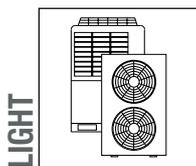
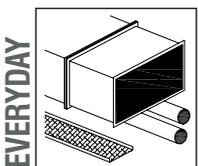
CONFIDENCE Specify with confidence by relying on the knowledge that our specialist team have over 25+ years of experience in the use of non-invasive hot-dip galvanised support systems for M&E building services - and the roofing systems they sit upon.

WE ASSIST

- Architects
- Structural engineers
- Building owners
- Consultants
- End users
- Distributors
- Contractors
- Surveyors
- Estates
- Facilities
- Building management

SECTORS

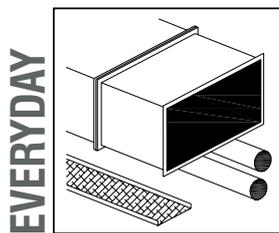
- Education
- Health
- Retail
- Commercial
- Industrial
- Leisure
- Infrastructure
- Institutions



FLEXI AT A GLANCE

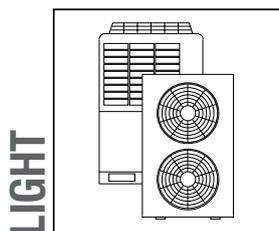


PRODUCT CATEGORIES



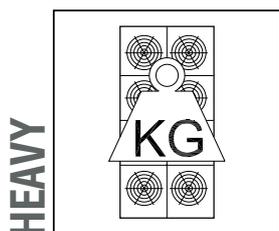
TYPICAL APPLICATIONS

- Cable baskets
- Cable trays
- Cable ladders
- Smaller bus bars
- Ducts
- Attenuators
- Small extract
- Fans and motors
- Smaller pipework



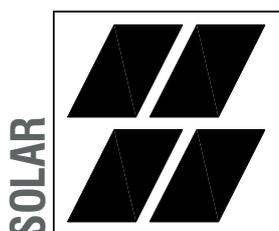
TYPICAL APPLICATIONS

- A/C split condensers
- VRF systems
- VRV systems
- Small AHU's
- Small chillers
- Supply fans
- Extract fans



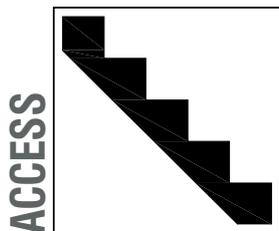
TYPICAL APPLICATIONS

- Large AHUs
- Large chillers
- Large air-cooled condensers
- Smaller generators
- Plantrooms
- Boiler houses
- Heavy pipework
- Heavy cable ladders



TYPICAL APPLICATIONS

- PV panels
- Solar thermal

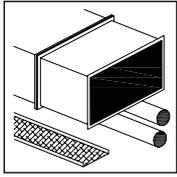


TYPICAL APPLICATIONS

- Access over services
- Plant maintenance
- Elevated walkways
- Fire escapes
- Ramped solutions
- Custom solutions

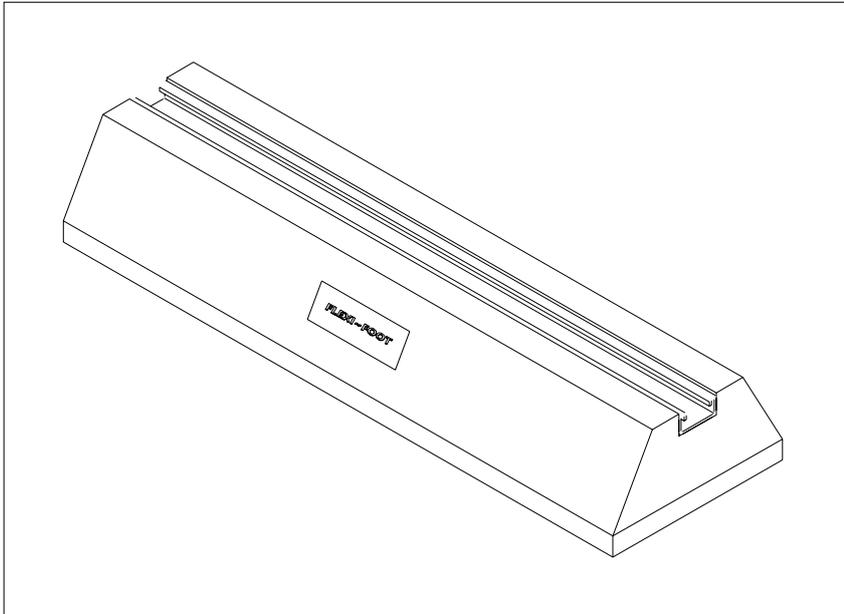


EVERYDAY



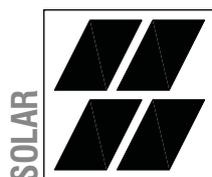
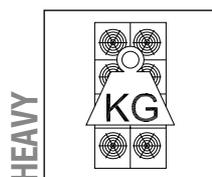
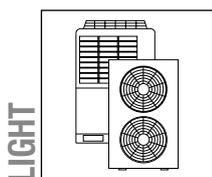
FLEXI FOOT

SUPPORTING ELECTRICAL CONTAINMENT, SMALL F&R PIPEWORK AND SINGLE FAN AC UNITS



FEATURES & BENEFITS

- Available in four sizes
- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Supplied with integrated 41 x 21 mm galvanised steel strut, fully bonded to the foot, stronger than some aluminium alternatives
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services





■ FLEXI FOOT

The Flexi Foot with Strut comes in four sizes - 250mm, 400mm, 600mm and 1000mm - is also available as a low profile option. They are manufactured from heavy-duty recycled rubber, and are supplied with an integral 41 x 21 mm galvanised steel strut adhered to the rubber with industrial strength adhesive. The dense nature of these products make them suitable for various building services supports.

Typical installation

Part code: FF-250-S



Part code: FF-400-S



Part code: FF-600-S



■ APPLICATION

- Suitable for supporting everyday installation of small F&R pipework, lightweight cable basket, and cable tray at low level.

Alternatively the installer can build up additional struts for elevated services subject to stability considerations. Flexi Foot with Strut are also suitable to support lighter AC split condensers, and air source heat pumps in wind protected environments.

■ WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

■ MATERIAL SPECIFICATION

- Foot - SBR recycled rubber BS 7188:1989+ A2:2009 and BS EN 1176-7:2008 UV stabilised
- Strut - 41 x 21 x 2.5mm steel strut galvanised steelwork. BS EN 1021 1:2006
- Finish - Galvanising: BS EN ISO 1461 :2009
- Robust high quality materials used
- Channel is compatible with industry standard fixings and fixtures
- Suitable for internal / external environments in temperatures between -40° to +80°C BS EN IEC 60068-2-52:2018

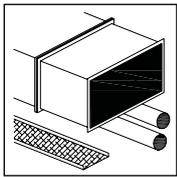
Code	Description	Length mm	Width mm	Height mm	Safe working load*	Weight
FF-250-S	Flexi Foot with Strut - 250mm	250	185	100	175kg	2.8kg
FF-400-S	Flexi Foot with Strut - 400mm	400	185	100	280kg	4.6kg
FF-600-S	Flexi Foot with Strut - 600mm	600	185	100	420kg	7.6kg
FF-1000-S	Flexi Foot with Strut - 1000mm	1000	185	100	700kg	12kg
FF-250-S-PL	Flexi Foot with Strut - 250mm (low profile)	250	185	50	100kg	1.4kg
FF-400-S-PL	Flexi Foot with Strut - 400mm (low profile)	400	185	50	150kg	2.3kg

Specification Extract

External F&R pipes/ cable tray/ ac split unit will be supported on the DiversiTech Flexi Foot with Strut
Tel: +44(0)115900 5858

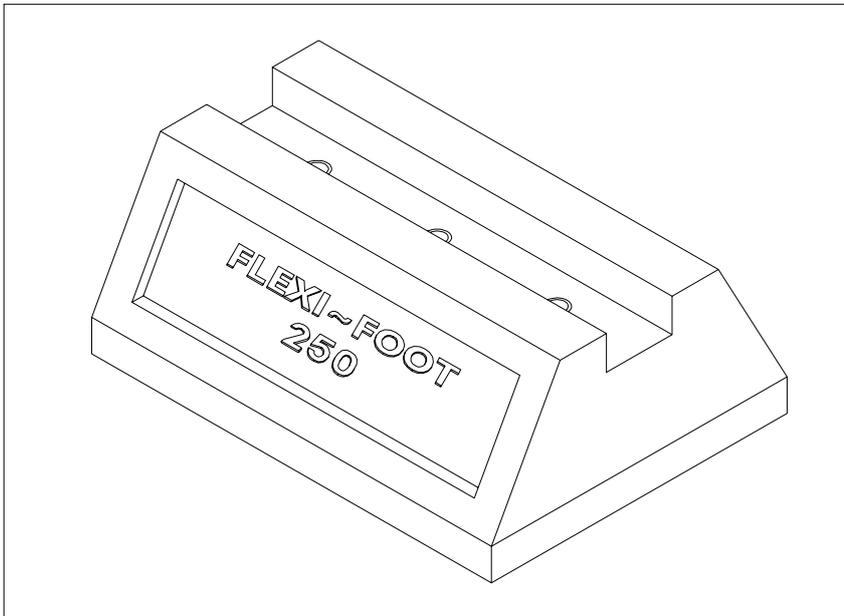


EVERYDAY



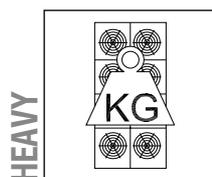
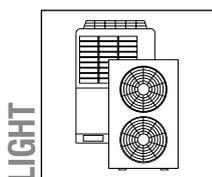
FLEXI FOOT UNIVERSAL

SUPPORTING ELECTRICAL CONTAINMENT AND SMALL F&R PIPEWORK



FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Supplied with 3 x M10 inserts to provide flexibility to support various equipment
- Designed for engineers with flexibility in mind
- Full AutoCAD drawing support
- Full on-site support and surveying services





■ FLEXI FOOT UNIVERSAL

The Flexi Foot Universal has been specifically designed to allow even greater flexibility, with the installer free to bolt their own 41 x 41mm, or 41 x 21mm strut of varying lengths to these feet. The three x M10 threaded inserts integrated within the foot recess alternatively provides an anchor point for the securing of additional M10 threaded stud positioned in a vertical plane, and often finished off with a pipe support clamp to the top.

Typical installation

Part code: FF-250-UNI x 3



Part code: FF-250-UNI



■ APPLICATION

- Suitable for the everyday support of small flow and return (F&R) pipework installation. Also for lightweight cable trays supported via a strut frame built onto the foot by the contractor or in unison with additional M10 threaded stud offers a low cost solution providing elevated low level support.

■ MATERIAL SPECIFICATION

- Foot - SBR recycled rubber SS7188:1989+ A2 2009 and BS EN1176-72008 UV stabilised
- Inserts - 3 x M10 threaded inserts moulded within rubber feet during manufacture
- Finish - Galvanising BS EN ISO 1461:2009
- Robust high quality material used
- Channel is compatible with industry standard fixings and fixtures
- Suitable for internal / external environments in temperatures between -40° to +80°C BS EN IEC 6006B-2-52:2008

■ WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

Code	Description	Length mm	Width mm	Height mm	Safe working load*	Weight
FF-250-UNI	Flexi Foot Universal - 250mm	250	185	100	125kg	2.8kg

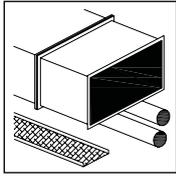
The maximum load is 25kg per insert - and has been tested with a 4:1 safety ratio.

Specification Extract

External F&R pipes / cable tray / AC split will be supported on DiversiTech Flexi Foot Universal.
Tel: +44(0)115900 5858

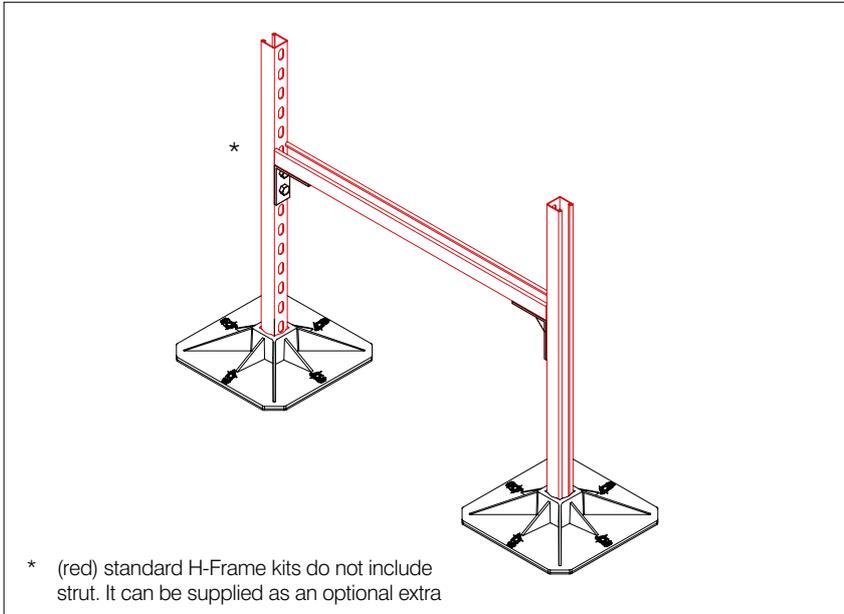


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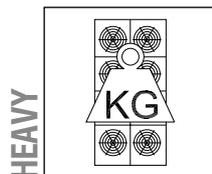
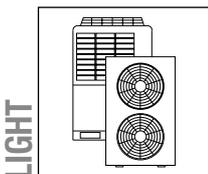
FLEXI H-FRAME KITS

H-FRAME KITS TO SUPPORT DUCTS, PIPES AND ELECTRICAL CONTAINMENT



FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised bracketry
- Rubber mats adhered to feet (320mm & 500mm feet only)
- The kit comes supplied in a box
- Full AutoCAD drawing support
- Load management calculations available
- Available as 305mm or 320mm for lighter weight services, or 500mm option for heavy-duty applications





FLEXI H-FRAME KITS

Our H-Frame kits offer the installer full flexibility by providing a solution where they can supply their own strut to suit their installation requirements. The H-Frame Kits are supplied with a pair of either 305mm feet, 320mm feet, (these smaller sizes are most widely used in the majority of installations), or our larger 500mm foot version kit. All kits are supplied with hot-dip galvanised angle brackets, together with all the necessary fixings to assist the installer, in a low cost, versatile and fast assembly solution on site. Complete strut assembled frameworks (H-frame kits where the strut is also supplied), are available upon request.

Typical installation



What's in the box



APPLICATION

- Suitable for everyday installation of ductwork, including associated attenuators. Small to medium-sized flow and return pipework, and electrical containment, e.g. cable trays or cable ladders.

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

MATERIAL SPECIFICATION

- Foot - 305mm square, UV Stabilised 100% PVC
- Mat - (320mm & 500mm) 100% natural rubber, (mat is adhered to the feet) (305mm) 100% super soft PVC adhered to foot (prevents damage to PVC waterproof membranes, no fleece required)
- Fixings - M10 ZP sets, washers and spring nuts
- Angle brackets - mild steel, hot-dip galvanised BS EN ISO 1461:2009
- These products are supplied boxed. Kit does NOT include strut (frame) metalwork

Code	Description	Foot size	Safe working load*	Weight
F-HF-305	Flexi H-Frame Kit - 2 square block feet with fittings	305mm x 305mm	150kg	2.8kg
F-HF-320	Flexi H-Frame Kit - 2 square block feet with fittings	320mm x 320mm	250kg	4kg
F-HF-500	Flexi H-Frame Kit - 2 square block feet with fittings	500mm x 500mm	600kg	13kg

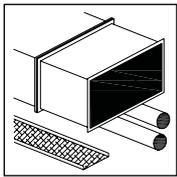
* As the strut is not supplied with the kit, the maximum load is guide only

Specification Extract

Dual/pipe/tray services will be supported on Flexi Everyday H-frame kits utilising (add required foot size) and with adhered rubber mats. Contact DiversiTech: Tel: +44(0)115900 5858



EVERYDAY



■ FLEXI ANCILLARY PRODUCTS

■ MOUNTING BLOCKS

DiversiTech can provide a range of mounting solutions. The mounting blocks can be used as an option to mount air conditioning units or air source heat pumps. They reduce vibration, and are supplied with fixings for a simple, rapid installation.

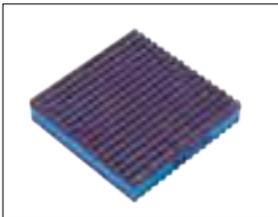


- Lightweight
- 100% rust free
- UV stabilised
- Reinforced PVC
- Anti-slip strips
- Three sizes available
- SWL up to 240kg

CODE	SIZE (LxWxD)
CMB350	350 x 100 x 95mm
CMB450	450 x 100 x 95mm
CMB1000	1000 x 100 x 95mm

■ EVA™ PADS

The EVA Pads are designed to eliminate vibrations. These pads consist of a polymeric foam core laminated with two ribbed 90° opposed rubber sheets.



- Vibration reduction composite foam centre
- Ribbed outer and upper rubber sheets
- Five sizes available
- SWL - 3.5kg/cm²

CODE	SIZE (LxWxD)
MP-2E	50 x 50 x 22mm
MP-3E	80 x 80 x 22mm
MP-4E	100 x 100 x 22mm
MP-6E	150 x 150 x 22mm
MP-12E	305 x 305 x 22mm
MP-18E	460 x 460 x 22mm

■ RUBBER & CORK STRIPS

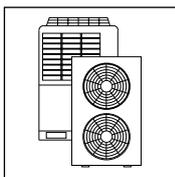
The rubber and cork strips are a low cost option for mounting any type of equipment where vibration and sound dampening might be an issue.



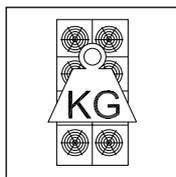
- Low cost option
- Vibration reduction / UV stable
- Recycled rubber
- Up to 30 dB(A) sound reduction
- Five sizes of rubber strips available
- Two sizes of cork strips available

CODE	SIZE (LxWxD)
AVMS-1	500 x 50 x 15mm rubber
AVMS-2	1000 x 75 x 15mm rubber
AVMS-3	1200 x 75 x 15mm rubber
AVMS-4	1000 x 100 x 15mm rubber
AVMS-5	100 x 50 x 30mm rubber
AVMS-CR-3	1200 x 75 x 12.5mm cork
AVMS-CR4	1200 x 100 x 12.5mm cork

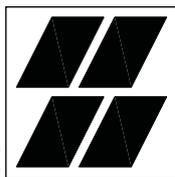
LIGHT



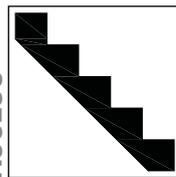
HEAVY



SOLAR



ACCESS





Securing a unit to the family of Flexi Foot with strut and the fix packs offers a speedy solution. Furthermore, we can provide a fix clamp to add extra stability to the foot by providing the installer with an option to secure it to the floor.

■ FIX PACKS



- Used to secure services to the family of Flexi strut products

CODE
FF-FIXPACK
FF-FIX-2

■ FIX CLAMPS



- Used to secure the foot to the ground
- Three 10mm holes
- Suits all sizes

CODE
FF-FIXCLAMP

■ FIX CLAMP KIT



- Used to clamp equipment to Flexi Heavy frames
- Sold in packs of 4

CODE
PH-CLAMPKIT

■ PROTECTION FLEECE

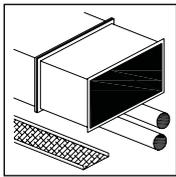


- Geotextile polyester fleece
- For PVC/TPO field membrane protection
- 2m wide roll sold by the linear metre

CODE
MPF-12



EVERYDAY



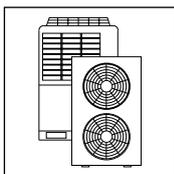
■ FLEXI FOOT VARIATIONS

TO COMPLEMENT OUR TRADITIONAL RANGE OF FLEXI FEET WE HAVE A NUMBER OF VARIATIONS

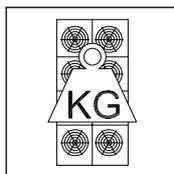
■ FLEXI FOOT VARIATIONS

Code	Description	Foot Application	Material	Length (mm)	Width (mm)	Height (mm)	Safe Working Load*	Weight
F-MF-160	Flexi Mini Foot	41 x 41mm strut vertically or horizontally	PVC	160	160	60	50kg	230gms
PH-FO-200	200mm square Flexi Foot	41 x 41mm strut vertically	Crumb Rubber	200	200	85	100kg	2.3kg
PH-FO-200-R	200mm square Flexi Foot, round core	48mm RHS Legs vertically	Crumb Rubber	200	200	85	100kg	2.3kg
F-FO-320	320mm square Flexi Foot	48mm RHS Legs & 41 x 41mm strut vertically	90% Polyprop/10% GRP	320	320	81	250kg	1.6kg
PH-FO-350	350mm square foot	41 x 41mm strut vertically	Crumb Rubber	350	350	110	350kg	5.7kg
PH-FO-350-2.5	350mm square, 2.5 degree cut, round core	48mm RHS Legs vertically	Crumb Rubber	350	350	125	150kg	5.9kg
PH-FO-350-5.0	350mm square, 5.0 degree cut, round core	48mm RHS Legs vertically	Crumb Rubber	350	350	140	350kg	6.1kg
PH-FO-350-2	350mm square, 82 x 41mm core	82 x 41mm (back to back) strut vertically	Crumb Rubber	350	350	110	350kg	5.7kg
PH-FO-350-2.5-S	350mm square, 2.5 degree cut, 41 x 41mm core	41 x 41mm strut vertically	Crumb Rubber	350	350	125	350kg	5.9kg
PH-FO-350-5.0-S	350mm square, 5.0 degree cut, 41 x 41mm core	41 x 41mm strut vertically	Crumb Rubber	350	350	140	350kg	6.1kg
PH-FO-500	500mm square foot	41 x 41mm strut vertically	Crumb Rubber	500	500	110	500kg	10.5kg
F-FO-500	500mm square foot	48mm RHS Legs & 41 x 41mm strut vertically	90% Polyprop/10% GRP	500	500	110	500kg	5.6kg
PH-FO-500-2.5	500mm square, 2.5 degree cut, round core	48mm RHS Legs vertically	Crumb Rubber	500	500	130	500kg	10.7kg
PH-FO-500-5.0	500mm square, 5.0 degree cut, round core	48mm RHS Legs vertically	Crumb Rubber	500	500	150	500kg	10.9kg
PH-FO-500-5.0-2	500mm square, 5.0 degree cut, 82 x 41mm core	82 x 41mm (back to back) strut vertically	Crumb Rubber	500	500	150	500kg	10.9kg
PH-FO-500-2	500mm square, 82x41mm core	82 x 41mm (back to back) strut vertically	Crumb Rubber	500	500	110	500kg	10.5kg
PH-FO-500-5.0-S	500mm square, 5.0 degree cut, 41 x 41mm core	41 x 41mm strut vertically	Crumb Rubber	500	500	150	500kg	10.9kg
PH-FO-500-R	500mm square	48mm RHS Legs Vertically	Crumb Rubber	500	500	110	500kg	10.9kg

LIGHT



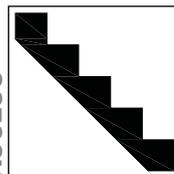
HEAVY



SOLAR

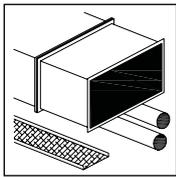


ACCESS





EVERYDAY



FLEXI FOOT VARIATIONS

TO COMPLEMENT OUR TRADITIONAL RANGE OF FLEXI FEET WE HAVE A NUMBER OF VARIATIONS

FLEXI MINI FOOT



Lightweight support that may be used with horizontal or vertical strut to support low level cable tray and other services

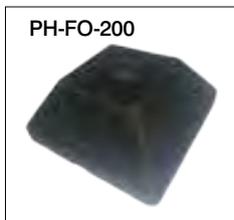
Code	Description	Length mm	Width mm	Height mm	Safe working load*	Weight
F-MF-160	Flexi Mini Foot - 160mm	160	160	60	50kg	230g

FLEXI FOOT VARIATIONS

Angled feet that suit more challenging roof falls.



Code	Description	Length mm	Width mm	Height mm	Safe working load*	Weight
PH-FO-350-5.0-S	350mm square, 5.0 degree cut, 41x41mm core	350	350	140	350kg	6.1kg



Code	Description	Length mm	Width mm	Height mm	Safe working load*	Weight
PH-FO-200	200mm square Flexi Foot	200	200	85	100kg	2.3kg

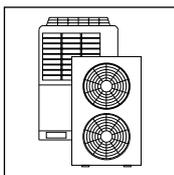
WALK WAY MAT



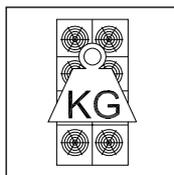
Walk Way mats may be combined to define a safe access path whilst protecting the roof surface.

Code	Description	Length mm	Width mm	Height mm	Safe working load*	Weight
PH-WW-MAT-500	Walk Way Mat - 500mm	500	500	45	150kg	14kg
PH-WW-MAT-1000-17	Walk Way Mat - 1000mm	1000	1000	45	600kg	17kg

LIGHT



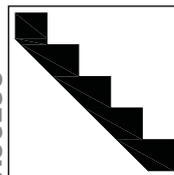
HEAVY



SOLAR

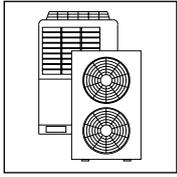


ACCESS



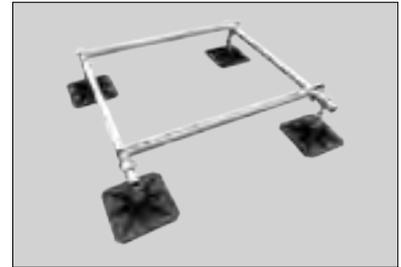
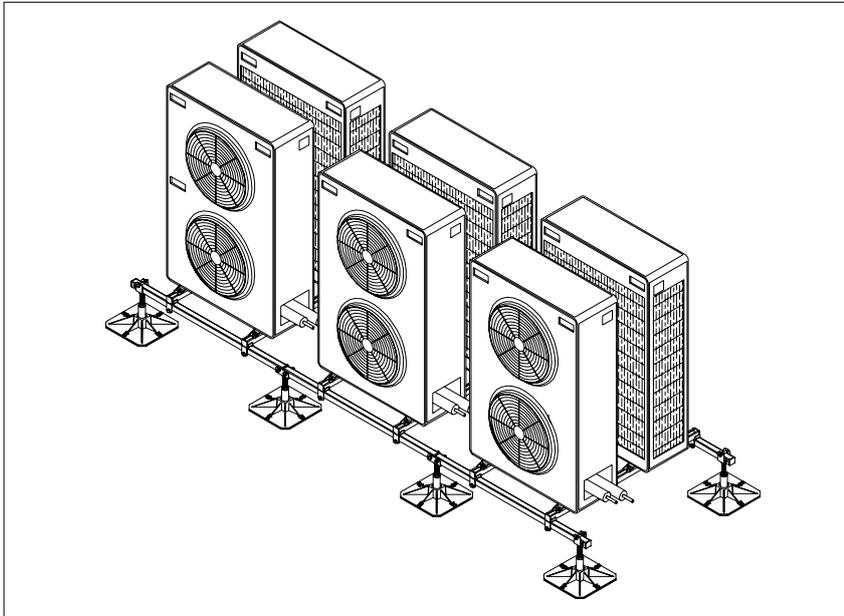


LIGHT



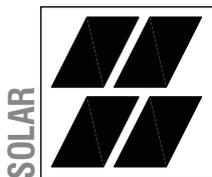
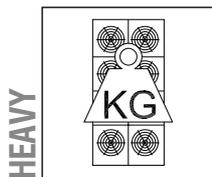
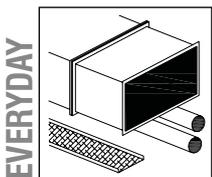
FLEXI FRAME

MODULAR FRAMES FOR AC SPLIT SYSTEMS



FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- No time consuming clamping kits required, cross bars are industry standard 41 x 41mm strut
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services
- Available as standard 320mm square foot or bespoke 500mm option



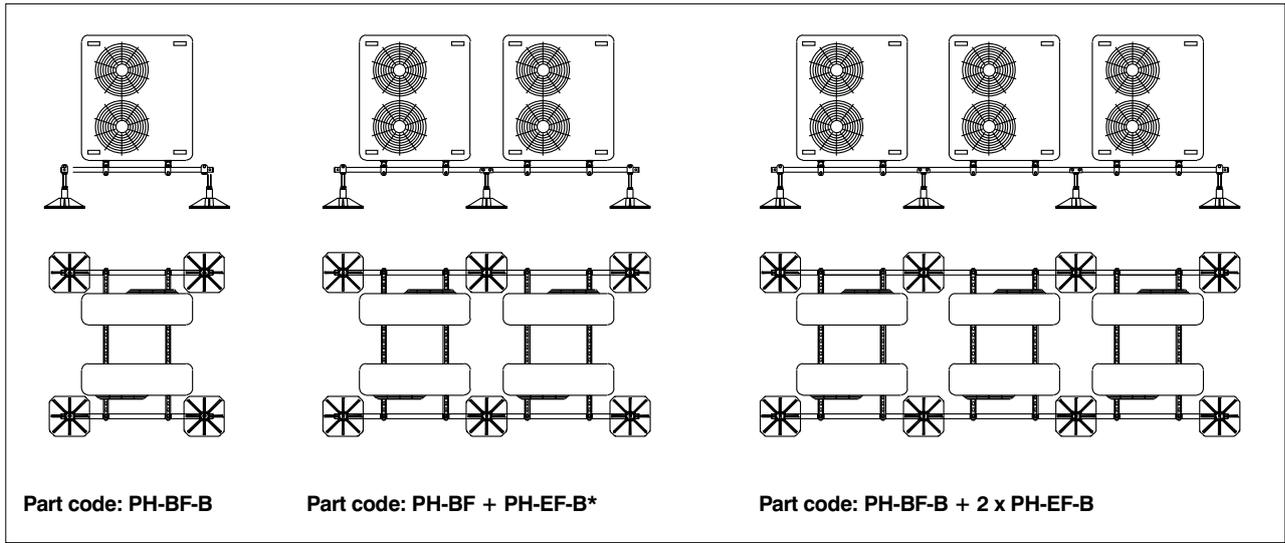
FLEXI-LIGHT
Flexi Frame for AC Split Systems



FLEXI FRAME AC SPLIT SYSTEMS

These versatile and free-standing frameworks are supplied boxed and come with fully adjustable leg assemblies with 320mm square black polypropylene feet as standard, incorporating anti-vibration rubber mats adhered to the underside. Robust 40 x 40mm standard box end bars are 3mm thick and leg assemblies can slide to many positions. Industry standard strut cross bars negate the requirements of time consuming clamping kits as sprung washers and associated M10 fixings are supplied with all frameworks. For heavier services please visit our FLEXI-HEAVY range.

Typical AC split condenser layout



* The system can accommodate any number of AC splits by adding additional PH-EF-B (extender frames)

APPLICATION

- Suitable for AC split condensers. Cross bars slide to accommodate AC fixing feet centres and negate the requirement of time consuming clamping kits (as seen with some systems). Industry standard sprung nuts and strut cross bars provide a speedy install.

MATERIAL SPECIFICATION

- Foot - 320mm square as standard or 500mm square for bespoke applications UV stabilised 90% polypropylene, 10% grp
- Mat - 100% natural rubber. (mat is adhered to the foot)
- Legs - 48mm dia, 3mm steel tube with M24 stud adjuster and 3mm thick U-clevis to top
- End Bars - 40 x 40 x 3mm SHS (square hollow section)
- Cross Bars - 41 x 41 x 2.5mm slotted strut with adjustable end clamps
- Finish - Hot-dip galvanised steelwork BS EN 10219-1:2006.
- Galvanising: BS EN ISO 1461 :2009 Salt mist testing: BS EN IEC 60068-2-52:2018

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

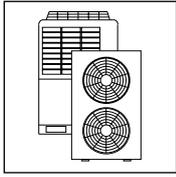
Code	Description	Length	Width	Min. height	Max. height	Safe working load	Weight
PH-BF-B	Flexi Base Frame	1200mm	1200mm	300mm	405mm	500kg	30kg
PH-EF-B	Flexi Extender Frame	1200mm	1200mm	300mm	405mm	500kg	24kg

Specification Extract

External AC services will be supported on the DiversiTech fully adjustable and hot-dip galvanised Flexi Frames.
Tel: +44(0)115900 5858

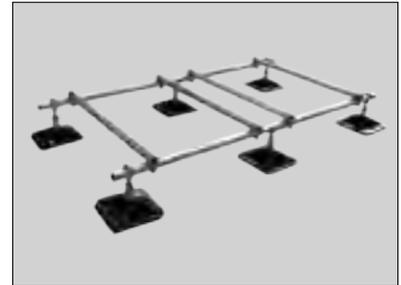
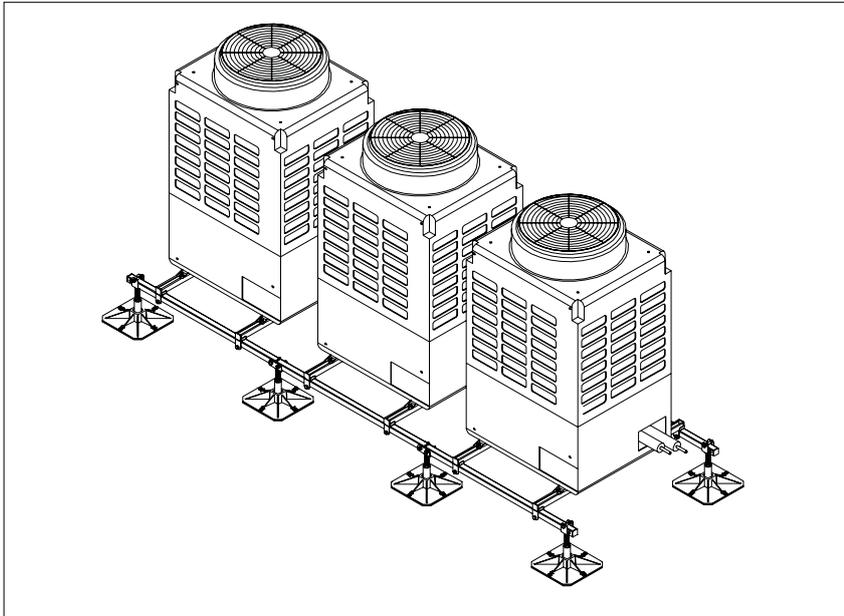


LIGHT



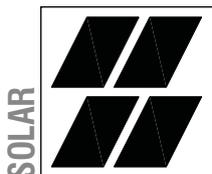
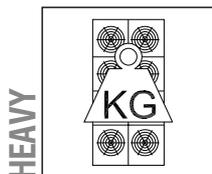
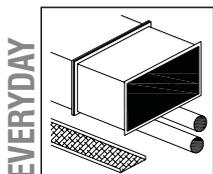
FLEXI FRAME

FLEXI MODULAR FRAMES FOR VRV/VRF SYSTEMS



FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- No time consuming clamping kits required, cross bars are industry standard 41 x 41mm strut
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services
- Available as standard 320mm square foot or bespoke 500mm option



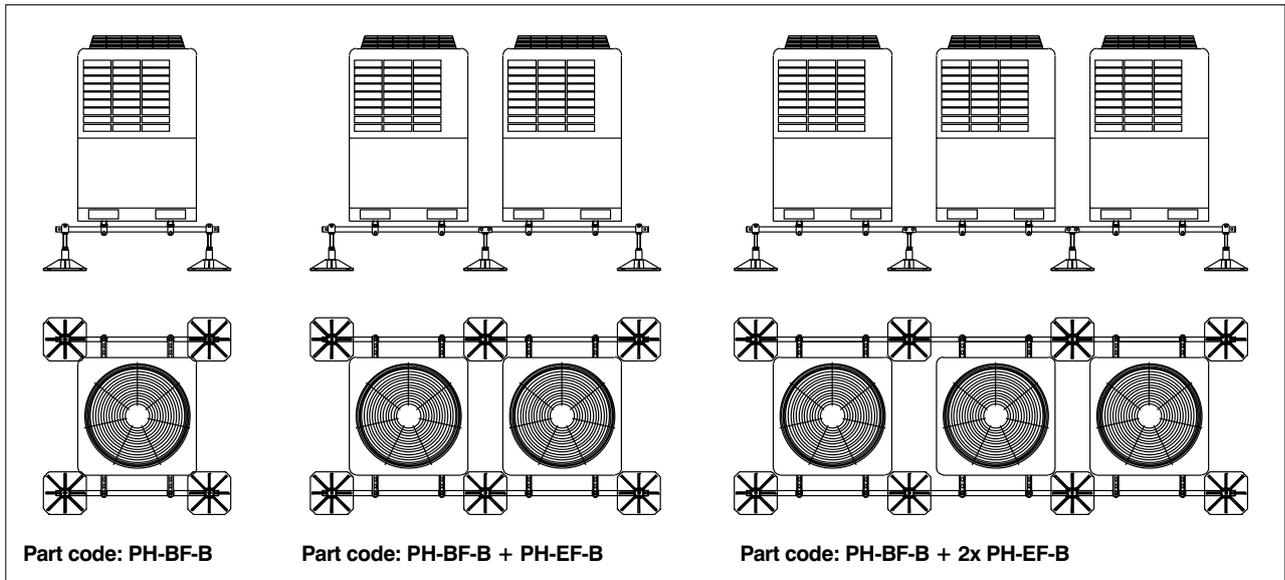
FLEXI-LIGHT
Flexi Frame for VRV/VRF Systems



FLEXI FRAME FOR VRV/VRF SYSTEMS

These versatile and free-standing frameworks are supplied boxed and come with fully adjustable M24 leg assemblies and our smaller 320mm square black polypropylene feet as standard. Feet incorporate anti-vibration rubber mats adhered to the underside. Robust 40 x 40mm standard box end bars are 3mm thick and cross bars can slide to many positions. Industry standard strut cross bars negate the requirements of time consuming clamping kits as sprung washers and associated M10 fixings are supplied with all frameworks. For heavier services, please see our FLEXI-HEAVY range.

Typical VRV/VRF system layout



* The system can accommodate any number of AHUs by simply adding additional PH-EF-B (extender frames)

APPLICATION

- Suitable for VRV /VRF systems, cross bars slide to accommodate unit fixing feet centres and negate the requirement of time consuming clamping kits (as seen with some systems), as industry standard sprung nuts are supplied within the strut cross bars, providing a speedy install.

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

MATERIAL SPECIFICATION

- Foot - 320mm square as standard or 500mm square for heavy-duty applications UV stabilised 90% polypropylene, 10% grp
- Mat - 100% natural rubber, (mat is adhered to the foot)
- Legs - 48mm dia. 3mm steel tube with M24 stud adjuster and 3mm thick U-clevis to top
- End bars - 40 x 40 x 3mm SHS (square hollow section)
- Cross bar - 41 x 41 x 2.5mm slotted strut with adjustable end clamps
- Finish - Hot-dip galvanised steelwork BS EN 10219-1:2006.
- Galvanising: BS EN ISO 1461 :2009 Salt Mist testing: BS EN IEC 60068-2-52:2018

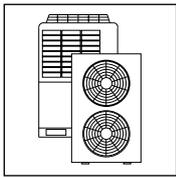
Code	Description	Length	Width	Min. height	Max. height	Safe working load	Weight
PH-BF-B	Flexi Base Frame	1200mm	1200mm	300mm	405mm	500kg	30kg
PH-EF-B	Flexi Extender Frame	1200mm	1200mm	300mm	405mm	500kg	24kg

Specification Extract

External VRV/VRF services will be supported on the DiversiTech fully adjustable and hot-dip galvanised Flexi Frames.
Tel: +44(0)115900 5858

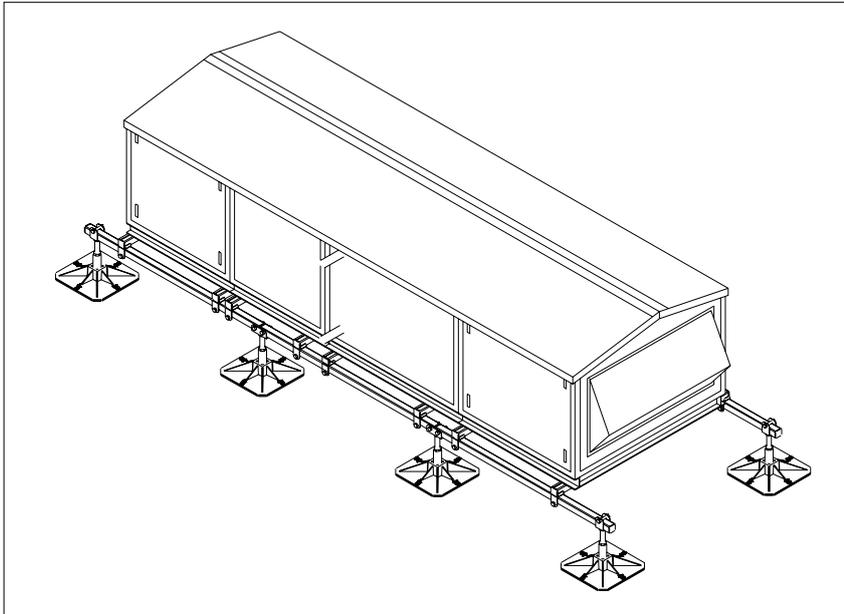


LIGHT



FLEXI FRAME

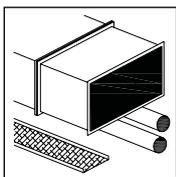
FLEXI MODULAR FRAMES FOR SMALLER AIR HANDLING UNITS (AHU's)



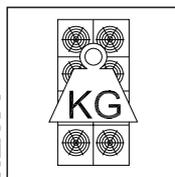
FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- No time consuming clamping kits required, cross bars are industry standard 41 x 41mm strut
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services
- Available as standard 320mm square foot or bespoke 500mm option

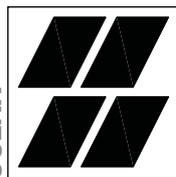
EVERYDAY



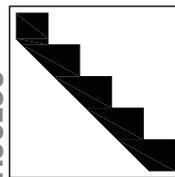
HEAVY



SOLAR



ACCESS



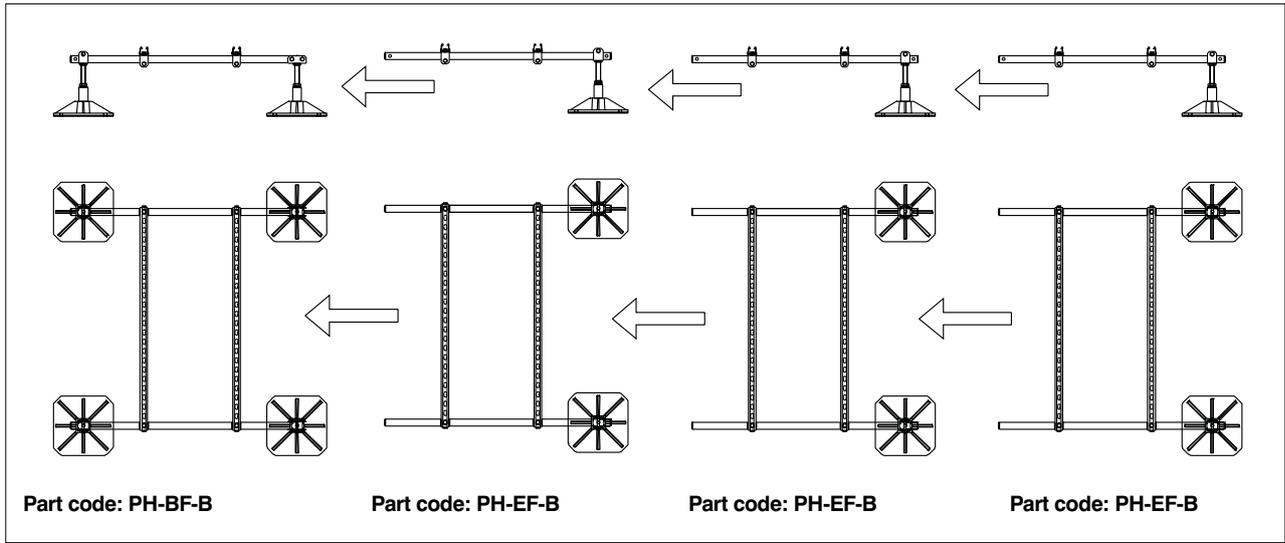
FLEXI-LIGHT
Flexi Frame for Smaller AHU's and fans



FLEXI FRAME FOR SMALLER FANS & AHU'S

These versatile and free-standing frameworks are supplied boxed and come with fully adjustable M24 leg assemblies and our smaller 320mm square black polypropylene feet as standard. Feet incorporate anti-vibration rubber mats adhered to the underside. Robust 40 x 40mm box section end bars linked to 41 x 41mm strut cross bars, that slide along the end bars to accommodate AHU sectional positions, and fan feet positions. These frameworks are suitable for supporting smaller AHU's only. Please refer to our FLEXI HEAVY-DUTY modular frameworks for larger AHU applications.

Multiple framework arrangements to suit AHU size



* The system can accommodate any number of AHUs by simply adding additional PH-EF-B (extender frames)

APPLICATION

- Suitable for supporting smaller AHU's and fans. Cross bars slide to accommodate AHU sectional lengths and quantities. Additional cross bars can be ordered if required.

MATERIAL SPECIFICATION

- Foot - 320mm square as standard or 500mm square for bespoke applications. UV stabilised 90% polypropylene, 10% grp
- Mat - 100% natural rubber, (mat is adhered to the foot)
- Legs - 48mm diameter 3mm steel tube with M24 stud adjuster and 3mm thick U-clevis to top
- End bars - 40 x 40 x 3mm SHS (square hollow section)
- Cross bar - 41 x 41 x 2.5mm slotted strut with adjustable end clamps
- Finish - Hot-dip galvanised steelwork BS EN 10219-1:2006.
- Galvanising: BS EN ISO 1461 :2009 Salt Mist testing: BS EN IEC 60068-2-52:2018

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

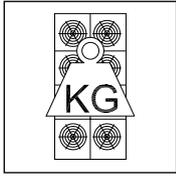
Code	Description	Length	Width	Min. height	Max. height	Safe working load	Weight
PH-BF-B	Flexi Base Frame	1200mm	1200mm	300mm	405mm	500kg	30kg
PH-EF-B	Flexi Extender Frame	1200mm	1200mm	300mm	405mm	500kg	24kg

Specification Extract

External Air Handling Units (AHU's) services will be supported on the DiversiTech fully adjustable and hot-dip galvanised Flexi Frames.
Tel: +44(0)115900 5858

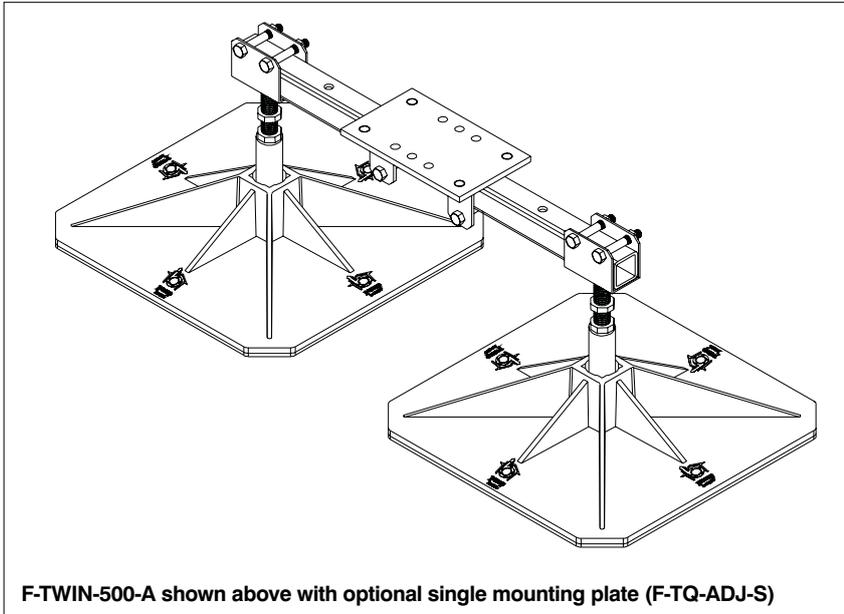


HEAVY

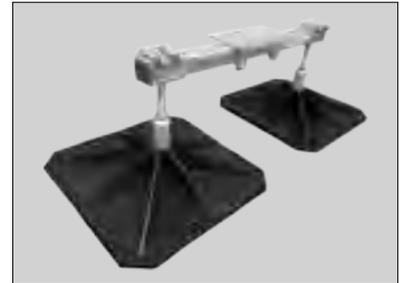


■ FLEXI TWIN FRAMES

FRAMES FOR LARGE PIPES, AIR HANDLING UNITS, CHILLERS AND PACKAGED PLANT ROOMS

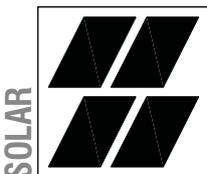
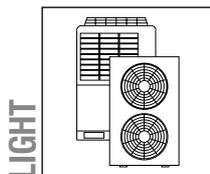
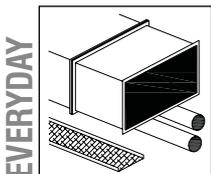


F-TWIN-500-A shown above with optional single mounting plate (F-TQ-ADJ-S)



■ FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- Fully adjustable to roof falls
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services



FLEXI-HEAVY
Flexi Twin Frames

Glaisdale Drive East | Nottingham NG8 4LY | United Kingdom

DIVERSITECH[®]
INTERNATIONAL



FLEXI TWIN FRAMES

These robust and versatile free-standing modular frames are supplied with fully adjustable leg assemblies in either our 320 x 320mm or 500 x 500mm polypropylene feet which incorporate anti-vibration rubber mats adhered to the underside. Robust 50 x 50mm box cross bars are 5mm thick to cater for mid-span point loads resulting in even load dispersal through the framework down to each foot. The optional mounting plates can also be purchased in addition or as an alternative to the adjustment being in the leg assemblies. Therefore, a non-adjustable twin is also available.



The TWIN/QUAD adjusters (below) is an optional extra

Double adjuster mounting plate
F-TQ-ADJ-D



Single mounting plate
F-TQ-ADJ-S



APPLICATION

- Suitable for heavier building services such as large air handling units, chillers and packaged plantrooms. Ideal solution when the criteria to target existing roof beams is necessary. The twin frames can be targeted immediately above to assist direct load transfer to existing roof beams below - a common prerequisite in weaker roof designs.

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

MATERIAL SPECIFICATION

- Feet - 320 or 500mm square UV stabilised 90% polypropylene, 10% GRP
- Mat - 100% natural rubber, (mat is adhered to the foot)
- Legs - 48mm dia. 3mm steel tube with M24 stud adjuster and 4mm thick U-clevis to top
- Secondary steelwork can be calculated and supplied by request
- Cross bars - 50 x 50 x 5mm SHS (square hollow section)
- Optional mounting plate if required (e.g. specify F-TQ-ADJ-S for the single adjuster shown above)
- Finish - Hot-dip galvanised steelwork BS EN 10219-1:2006.
- Galvanising: BS EN ISO 1461:2009. Salt mist testing: BS EN IEC 60068-2-52:2018

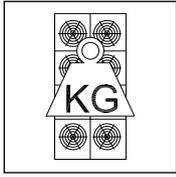
Code	Description	Length	Width	Height	Weight	Max Load
F-TWIN-320-A	Flexi Twin (adjustable legs)	1020mm	320mm	250-380mm	14kg	350kg
F-TWIN-500-A	Flexi Twin (adjustable legs)	1200mm	500mm	250-380mm	30kg	1000kg
F-TQ-ADJ-S	Single mounting plate	250mm	150mm	-	3kg	-
F-TQ-ADJ-D	Double adjuster mounting plate	250mm	150mm	170mm (adjustable)	8kg	-

Specification Extract

External services will be supported on DiversiTech fully adjustable and hot-dip galvanised Flexi Twin frameworks utilising 320mm or 500mm square polypropylene feet.
Tel: +44(0)115900 5858

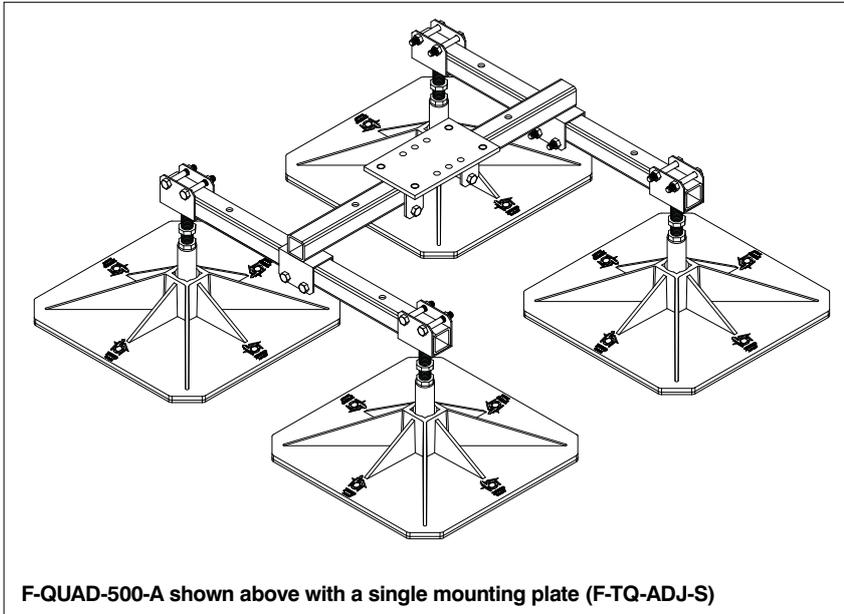


HEAVY



FLEXI QUAD FRAMES

FRAMES FOR LARGER AIR HANDLING UNITS, CHILLERS AND PACKAGED PLANT ROOMS

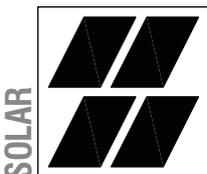
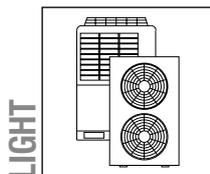
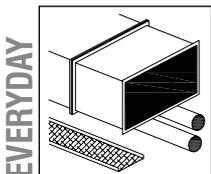


F-QUAD-500-A shown above with a single mounting plate (F-TQ-ADJ-S)



FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- Fully adjustable to roof falls
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services



FLEXI-HEAVY
Flexi Quad Frames



FLEXI QUAD FRAMES

These robust and versatile free-standing modular frames are supplied with fully adjustable leg assemblies in either our 320 x 320mm or 500 x 500mm feet which incorporate rubber mats adhered to the underside. Robust 50 x 50 x 5mm box section, caters for picking up the point load mid span on the cross bars, resulting in even load dispersal through the framework down to the four feet. The optional adjuster plate can also be purchased, and these are supplied with fixings. For lighter services support, please visit our Flexi-Light range.

Typical plantroom support utilising 8no. F-QUAD-500-A



The TWIN/QUAD adjusters (below) are an optional extra

Double adjuster mounting plate F-TQ-ADJ-D



Single mounting plate F-TQ-ADJ-S



APPLICATION

- Suitable for heavier building services such as large air handling units, chillers and packaged plantrooms. Quads are particularly useful for managing heavy loads, and as a direct replacement for the traditional concrete plinths, as they can be re-positioned to accommodate late design changes.

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

MATERIAL SPECIFICATION

- Feet - 320 or 500mm square UV stabilised 90% polypropylene, 10% GRP
- Mat - 100% natural rubber (mat is adhered to the foot)
- Legs - 48mm dia. 3mm steel tube with M24 stud adjuster and 4mm thick U-clevis to top
- End bars - 50 x 50 x 5mm SHS (square hollow section)
- Cross bars - 50 x 50 x 5mm SHS
- Optional mounting plate if required (e.g specify F-TQ-ADJ-S for the mounting plate shown)
- Finish - Hot-dip galvanised steelwork BS EN I 0219-1 :2006.
- Galvanising: BS EN ISO 1461 :2009. Salt mist testing: BS EN IEC 60068-2-52:2018.

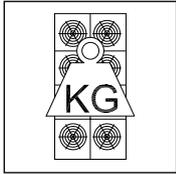
Code	Description	Length	Width	Height	Weight	Max Load
F-QUAD-320-A	Flexi Quad (adjustable legs)	1050mm	1020mm	305-435mm	35kg	700kg
F-QUAD-500-A	Flexi Quad (adjustable legs)	1050mm	1020mm	305-435mm	64kg	2000kg
F-TQ-ADJ-S	Single mounting plate	250mm	150mm	-	3kg	-
F-TQ-ADJ-D	Double adjuster mounting plate	250mm	150mm	170mm (adjustable)	8kg	-

Specification Extract

External services will be supported on DiversiTech fully adjustable and hot-dip galvanised Flexi Quad frameworks utilising 320 or 500mm sq. polypropylene feet.
Tel: +44(0)115900 5858

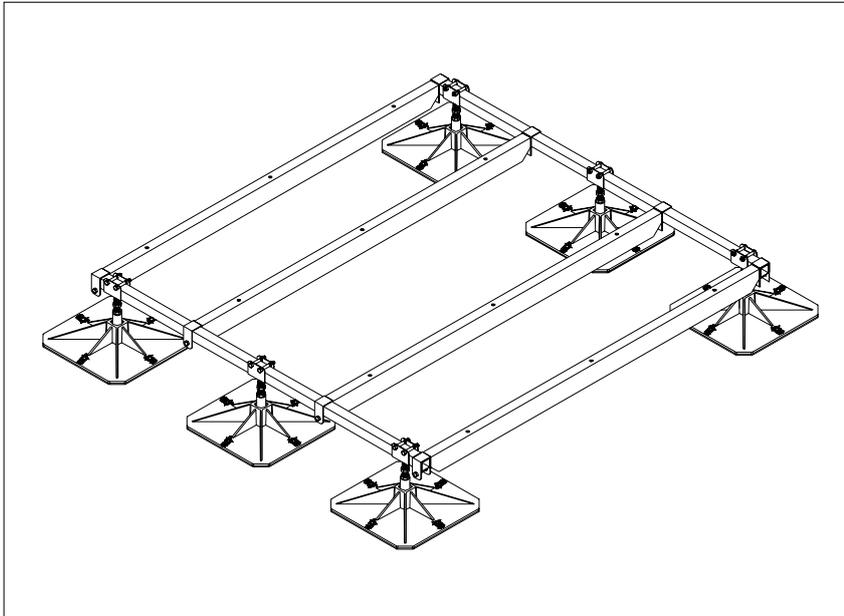


HEAVY



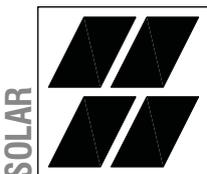
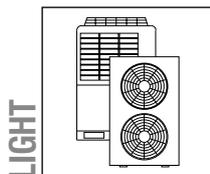
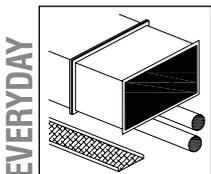
■ FLEXI MODULAR FRAMEWORKS

MODULAR ROBUST FRAMES FOR LARGE AIR HANDLING UNITS



■ FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- 'Drop on' cross bars for fast installation
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services



FLEXI-HEAVY
Flexi Modular Frameworks



■ FLEXI MODULAR FRAMEWORKS

These robust and free-standing modular frameworks are supplied with fully adjustable leg assemblies with either 320 x 320mm or 500 x 500mm polypropylene feet incorporating anti-vibration rubber mats adhered to the underside. Robust 50 x 50mm square hollow section end bars are 2.5mm thick and are supplied with either 50 x 50mm or 100 x 50mm cross bars. With a variety of sizes available, a suitable framework can be designed to suit many applications where a stronger support is required. For lighter weight frames, please look at the Flexi-Light range.

Typical support layout



■ APPLICATION

- Suitable for heavier building services typically larger air handling units, chillers and air cooled condensers. Our unique 'drop on' cross bars offer a faster alternative when erecting the framework compared with some slide on systems.

■ WHAT OUR SERVICE OFFERS YOU

- Quotation on request
- Full Auto-CAD drawings support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

■ MATERIAL SPECIFICATION

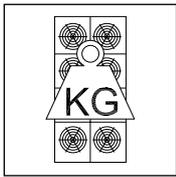
- Feet - 320 or 500mm square UV stabilised 90% polypropylene, 10% GRP
- Mat - 100% natural rubber. (mat is adhered to the foot)
- Legs - 48mm diameter, 3mm steel tube with M24 stud adjuster and 4mm thick U-clevis to top
- End bars - 50 x 50 x 2.5mm SHS (square hollow section)
- Cross bars - 50 x 50 x 3mm & 100 x 50 x 3mm (square/rectangular hollow section)
- Finish - Hot-dip galvanised steelwork BS EN 1021 1 :200 6.
- Galvanising: BS EN ISO 1461:2009. Salt mist testing: BS EN IEC 60068-2-52:2018.

Specification Extract

External building services will be supported on DiversiTech fully adjustable and hot-dip galvanised Flexi heavy duty frameworks utilising 320mm or 500mm square polypropylene feet. Tel: +44(0)115 900 5858

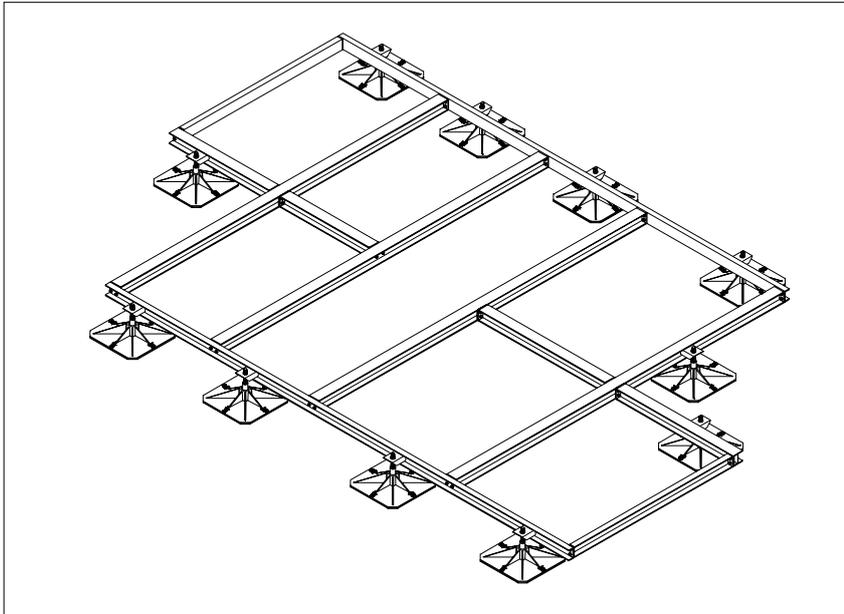


HEAVY



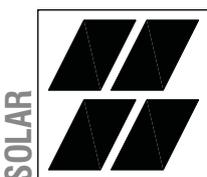
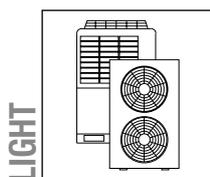
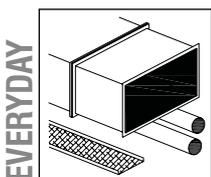
■ FLEXI CUSTOM FRAMES

CUSTOM ROBUST FRAMEWORKS FOR THE SUPPORT OF LARGE COMPLEX AND HEAVY BUILDING SERVICES.



■ FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- Fully adjustable to roof falls
- Full AutoCAD drawing support
- Load management and wind calculations available
- Full on-site support and surveying services



FLEXI-HEAVY
Flexi Custom Frames

Glaisdale Drive East | Nottingham NG8 4LY | United Kingdom

DIVERSITECH[®]
INTERNATIONAL



■ FLEXI CUSTOM FRAMES

These custom solutions are frequently manufactured from 100 x 50mm parallel flange channel and/or 100 x 100mm HEB (European Beam), and supported off fully adjustable M24 leg assemblies utilising our larger 500 x 500mm polypropylene feet which incorporate anti-vibration rubber mats adhered to the underside. However, larger steel sections are available dependant on project requirements and/or the area or size of the services being supported. All frameworks are finished hot-dip galvanised and supplied with all fixings. We will provide the design team with an AutoCAD drawing proposal, prior to the manufacture.

Typical support layout



■ APPLICATION

- Suitable for heavy chillers, packaged plantrooms, or complex-shaped building services (typically air handling units)
- Steelwork comes with all necessary fixings and the correct amount of leg assemblies and feet. These are manufactured within the UK offering a very fast lead time

■ WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

■ MATERIAL SPECIFICATION

- Feet - 500 x 500mm UV stabilised 90% polypropylene + 10% GRP
- Mat - 100% natural rubber, (mat is adhered to the foot)
- Legs - Custom manufactured to suit most heights and welded to frames. Supplied with an M24 adjuster stud for levelling.
- Frame - dependant on load/span
- Finish - hot-dip galvanised steelwork BS EN 10219-1:2006.
- Galvanising: BS EN ISO 1461 :2009. Salt mist testing: BS EN IEC 60068-2-52:2018.

Specification Extract

Large chillers / AHU's / packaged plantrooms will be supported on DiversiTech fully adjustable and hot-dip galvanised Flexi heavy custom frame utilising 500 x 500mm polypropylene feet. Tel: +44(0)115900 585

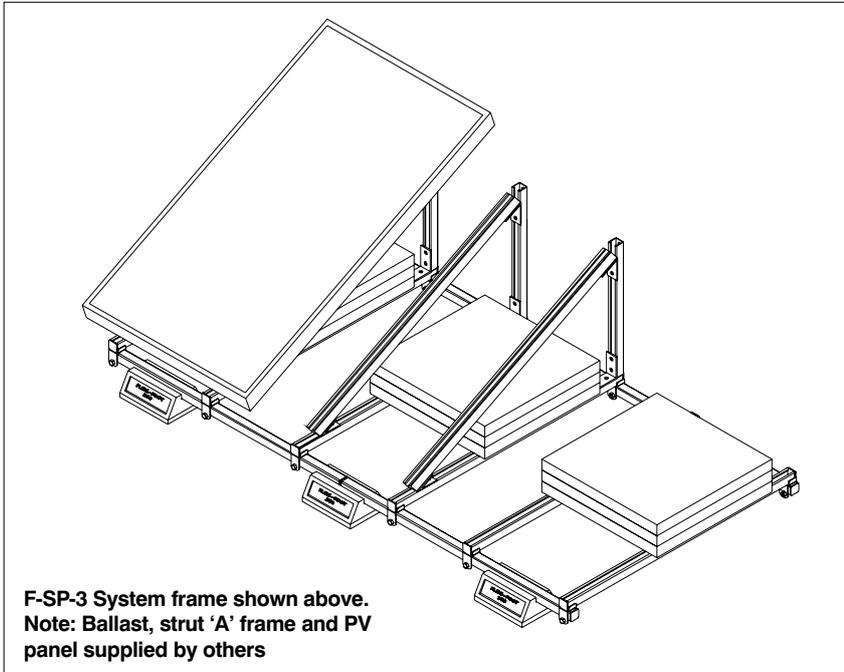


SOLAR



■ FLEXI FOOT UNIVERSAL

NON-ADJUSTABLE FRAMEWORKS FOR THE SUPPORT OF SOLAR PV PANELS & SOLAR THERMAL

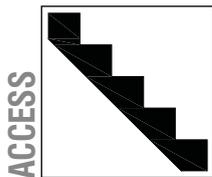
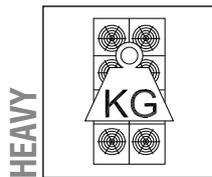
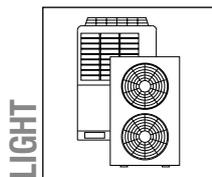
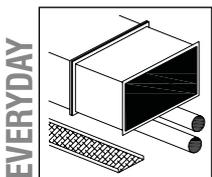


F-SP-3 System frame shown above.
Note: Ballast, strut 'A' frame and PV panel supplied by others



■ FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- Industry compatible standard components
- Custom layouts available to order
- Full AutoCAD drawing support
- Full on-site support and surveying services

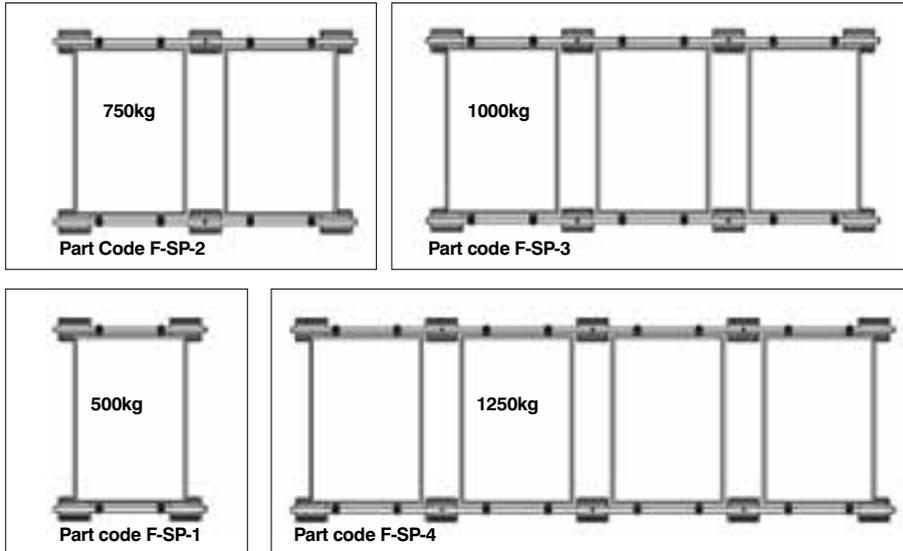




FLEXI-FOOT UNIVERSAL

These low level and versatile free-standing modular frames are supplied with our Flexi-foot Universal feet. Designed for typical flat roofs with minimal falls or changes in height. Frame end bars are a robust 40 x 40mm box section with 1500mm wide 41 x 41mm strut cross bars which provide an independent, non-evasive support frame for the contractor to position their 'A' frames, solar panels, and ballast upon accordingly. Our systems utilise industry standard compatible components, and can accommodate most major manufacturers' panels.

Typical support layout



APPLICATION

- Suitable for the low level support of photovoltaic solar panels and solar thermal. Panel configuration and sizes would need confirming by the customer to ensure we supply a suitable solution. Required ballast and 'A' frame supplied by others.

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

MATERIAL SPECIFICATION

- Foot - SBR recycled rubber BS7188: 1989 + A2:2009 and BS EN 1176-7:2008 - UV Stabilised.
- For reference see BS EN 1991-1-4:2005 Eurocode: Actions on structures. Parts 1-4: General actions - wind action
- For reference see BRE digest 489: wind loads on roof based photovoltaic systems
- End bars - 40 x 40 x 3mm SHS (square hollow section)
- Cross bars - 1500mm long 41 x 41 x 2.5mm slotted strut with adjustable end clamps to provide flexible widths.
- Finish - Hot-dip galvanised steelwork BS EN 10219-1 :2006.
- Galvanising: BS EN ISO 1461 :2009. Salt mist testing: BS EN IEC 6006S-2-52:2018

Code	Description	Panel QTY	Length	Width	Height	Safe working load
F-SP-1	Flexi - Solar 1 Panel Frame	1	1200mm	1500mm	120mm	500kg
F-SP-2	Flexi - Solar 2 Panel Frame	2	2400mm	1500mm	120mm	750kg
F-SP-3	Flexi - Solar 3 Panel Frame	3	3600mm	1500mm	120mm	1000kg
F-SP-4	Flexi - Solar 4 Panel Frame	4	4800mm	1500mm	120mm	1250kg

Specification Extract

Solar PV panels supported by hot-dip galvanised frames incorporating 'Flexi Foot' Universal feet.
Tel: +44(0)115900 5858

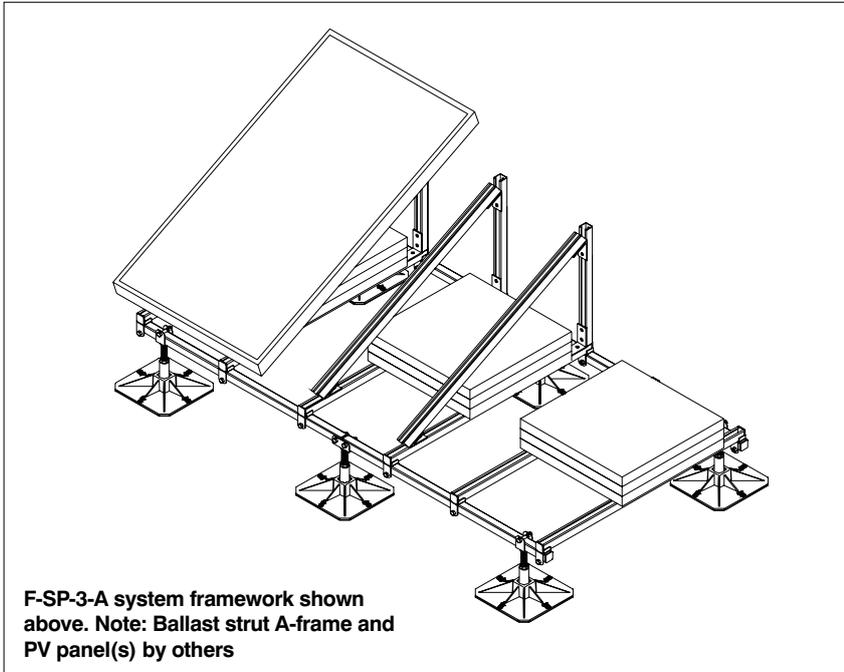


SOLAR

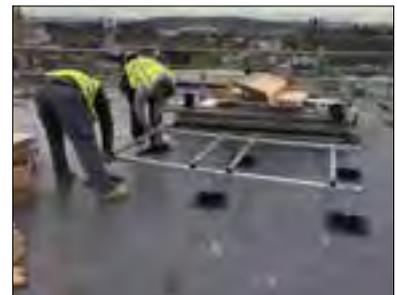
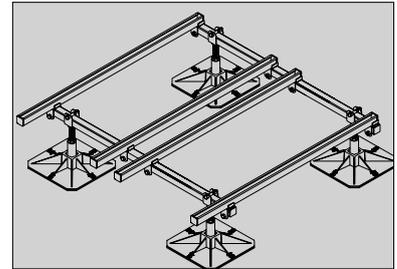


FLEXI SOLAR FLEXI FRAMES

ADJUSTABLE FRAMEWORKS FOR THE SUPPORT OF SOLAR PV PANELS & SOLAR THERMAL

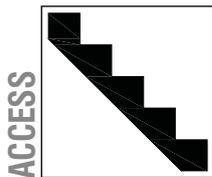
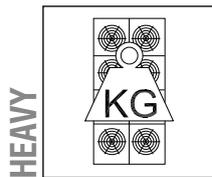
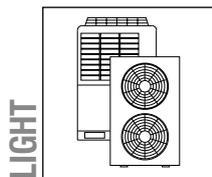
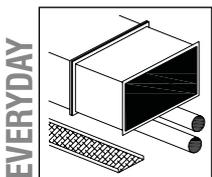


F-SP-3-A system framework shown above. Note: Ballast strut A-frame and PV panel(s) by others



FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Hot-dip galvanised frameworks
- Fully adjustable leg assemblies
- Unique ability to position end bars and legs inboard of framework
- Full AutoCAD drawing support
- Full on-site support and surveying services

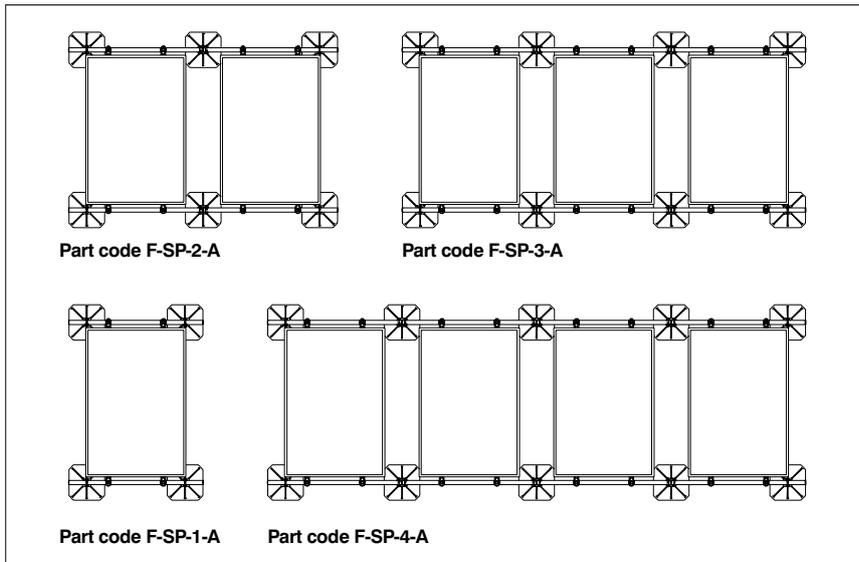




FLEXI SOLAR FLEXI FRAMES

These versatile and free-standing modular frames are supplied with our fully adjustable leg assemblies, utilising M24 adjuster studs to level frames where flat roofs have greater falls or changes in height. We can supply varying leg heights to accommodate steps in the roof, and all frameworks are supplied with our 320 x 320mm feet. End bars are a robust 40 x 40mm box section with 1500 wide, 41 x 41mm strut cross bars which provides an independent non-evasive support frame for the contractor to position their A-frames, solar panels and ballast upon accordingly. Our systems utilise industry standard compatible components and can accommodate most major manufacturers panels.

Typical support layout



APPLICATION

- Suitable for the support of photovoltaic solar panels and solar thermal. Panel configuration and sizes would need confirming by the customer to ensure we supply a suitable solution. Required ballast and A-frame supplied by others.

WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

MATERIAL SPECIFICATION

- Foot - 320mm square UV Stabilised 90% polypropylene, 10% GRP
- For reference see BS EN 1991-1-4:2005
- Eurocode: Actions on structures parts 1-4: General actions - wind action
- For reference see BRE digest 489: wind loads on roof based photovoltaic systems
- End bars - 40 x 40 x 3mm SHS (square hollow section)
- Crossbars - 1500mm long 41 x 41 x 2.5mm slotted strut with adjustable end clamps to provide flexible widths
- Finish - Hot-dip galvanised steelwork BS EN 10219-1 :2006.
- Galvanising: BS EN ISO 1461:2009. Sall mist testing: BS EN IEC 60068-2-52:2018.

Code	Description	Panel QTY	Length	Width	Height	Safe working load	Weight
F-SP-1-A	Flexi-Solar 1 panel adjustable frame	1	1200mm	1500mm	300-405mm	500kg	28kg
F-SP-2-A	Flexi-Solar 2 panel adjustable frame	2	2400mm	1500mm	300-405mm	1000kg	52kg
F-SP-3-A	Flexi-Solar 3 panel adjustable frame	3	3600mm	1500mm	300-405mm	1500kg	78kg
F-SP-4-A	Flexi-Solar 4 panel adjustable frame	4	4800mm	1500mm	300-405mm	2000kg	100kg

Specification Extract

Solar PV panels supported by hot-dip galvanised frames and on fully adjustable legs and 320mm square feet.
Tel: +44(0)115900 5858

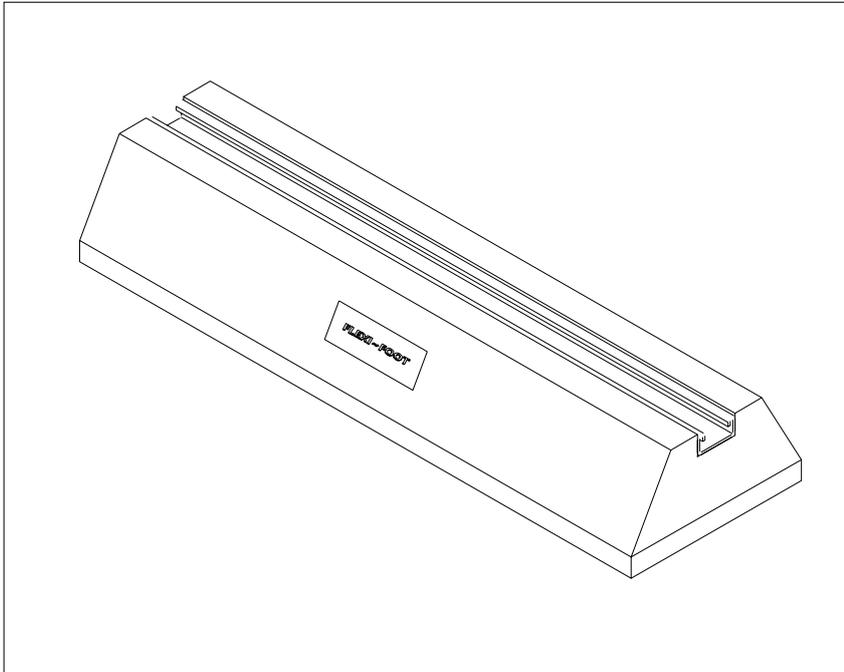


SOLAR



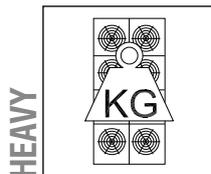
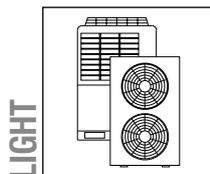
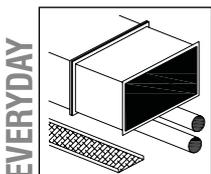
■ FLEXI FOOT (ECO PACKS)

AN ECONOMICAL SOLUTION FOR THE SUPPORT OF SOLAR PV AND SOLAR THERMAL



■ FEATURES & BENEFITS

- Non-penetrative support
- Flexible design to accommodate late design changes
- Fast and simple installation
- Supplied with integrated 41 x 21mm steel strut - fully bonded to the foot - stronger than some aluminium alternatives.
- Strut is hot-dip galvanised



FLEXI-SOLAR
Flexi Foot (Eco Packs)

Glaisdale Drive East | Nottingham NG8 4LY | United Kingdom





■ FLEXI-FOOT (ECO PACKS)

Flexi Eco packs offer the installer a simplistic and fast solution for the support of photovoltaic panels and solar thermal units, where value engineering is required. Supplied in pairs, these 600mm long feet are also supplied with their own fixing pack (M10 sets and sprung nuts), for rigid securing to the A-frame. These feet offer a base foundation to secure a length of cable tray, which in turn acts as a carrier for the concrete paving slab ballast. The feet are manufactured from dense SBR recycled rubber and house an integrated length of 41 x 21mm hot-dip galvanised strut bonded to the foot. A-frame, tray and ballast are supplied by others.

Typical support layout Part code - FF-600-S (shown below)



■ APPLICATION

- Suitable for the support of photovoltaic and solar thermal panels avoiding the need to puncture the roof membrane, A-frame, tray and ballast are supplied by others.

■ MATERIAL SPECIFICATION

- Foot - SBR recycled rubber 8S7188:1989 + A2:2009 and BS EN 1176-7:2008 - UV stabilised
- Integrated Strut - 41 x 21 x 2.5mm steel strut hot-dip galvanised steelwork BS EN 10219-1:2006
- Finish - Galvanising: BS EN ISO 1461:2009
- Robust high-quality materials used
- Channel is compatible with industry standard fixings and fixtures
- Suitable for internal or external environments in temperatures between -40°C to +80°C. BS EN 60068-2-14:2009

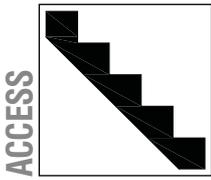
■ WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

Code	Description	Length	Width	Height	Safe working load	Weight
FF-250-S	Flexi Foot with Strut - 250mm	250mm	185mm	100mm	175kg	2.8kg
FF-400-S	Flexi Foot with Strut - 400mm	400mm	185mm	100mm	280kg	4.6kg
FF-600-S	Flexi Foot with Strut - 600mm	600mm	185mm	100mm	420kg	7.6kg
FF-1000-S	Flexi Foot with Strut - 1000mm	1000mm	185mm	100mm	700kg	12.0kg

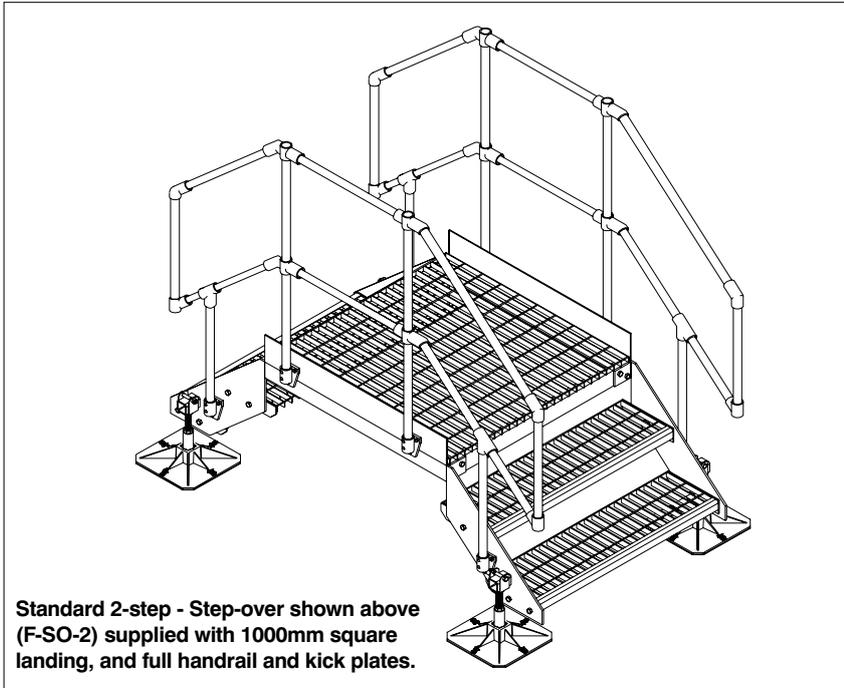
Specification Extract

External Solar PV / Solar Thermal will be supported on DiversiTech Flexi Foot with strut. Tel: +44(0)115900 5858



■ FLEXI STEP-OVER AND HOP-OVER

SAFE ACCESS SOLUTIONS DESIGNED AND MANUFACTURED TO CURRENT BRITISH STANDARDS

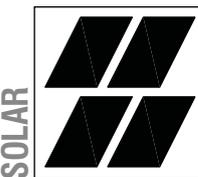
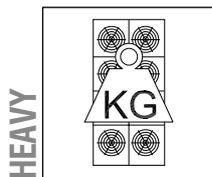
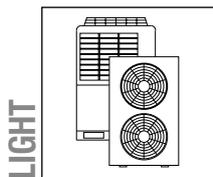
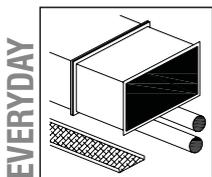


Standard 2-step - Step-over shown above (F-SO-2) supplied with 1000mm square landing, and full handrail and kick plates.



■ FEATURES & BENEFITS

- Non-penetrative access solutions
- Site survey carried out by us
- Auto-CAD drawings forwarded for approval prior to manufacturing start
- Supplied flat packed in kit form for easy handling
- Complies with current British Standards
- Safeguards the workforce from rooftop falls
- Protection to the building owner/ end user with regards to The Work at Height Regulations 2005



FLEXI-ACCESS
Flexi Step-Over and Hop-Over

Glaisdale Drive East | Nottingham NG8 4LY | United Kingdom





■ FLEXI STEP-OVER AND HOP-OVER

With the introduction of the Work at Height Regulations back in 2005, the regulations apply to all work carried out at a height where there is a risk of a fall liable to cause personal injury. This regulation places duty on employers, the self employed, and any person that controls the work of others. e.g. facility managers, building owners/end users etc. Flexi Access solutions are designed to current British Standards - we offer full working drawings, site surveys, and all our access range is manufactured in the UK. GRP and aluminium solutions are also available upon request. Whether it's a cat ladder, companion way ladder, stairs, ramps, walkways or a combination of all these, Flexi Access will provide you and your workforce with a safe access solution.

Typical Hop-Over – Ideal to bridge over low level pipe work and cable trays



Part Code - F-HO-1000 Hop-Over shown with optional handrails F-HO-HR sold separately.



Part Code - F-HO-600 Hop-Over shown with optional handrails F-HO-HR sold separately.



Part Code - F-HO-1000-1 Hop-Over with one step shown with optional handrails F-HO-HR-1 sold separately.

■ APPLICATION

- Step overs to bridge over ducts, pipes and electrical containment; custom solutions to access maintenance doors to AHU's, chillers or other rooftop services, ramped access solutions where wheelbarrow/sack barrows are used and straight forward elevated access solutions. Cat ladders and companion way ladders also available.

■ MATERIAL SPECIFICATION

- Foot - 320mm square UV stabilised 100% polypropylene
- Mat - 100% natural rubber (mat is adhered to the foot)
- Legs - Step-Overs 48mm dia. 3mm steel tube with M24 stud adjuster. Hop-Overs 40 x 40 x 2mm SHS
- Handrails - Step-Overs & Hop-Overs 33.7mm diameter mild steel
- Treads/Flooring - 25 x 3mm open grid flooring. (41/100 bearing bars) and designed to 7.5kN/m² loading BS:4592 part 1
- Finish - Hot dip galvanised steelwork BS EN 10219- 1 :2006.
- Galvanising: BS EN ISO 1461:2009. Salt mist testing: BS EN 60068-2-52

■ WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

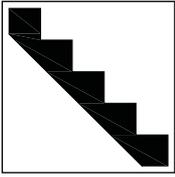
Code	Description	Tread QTY	Landing size mm	Clearance height mm	Foot size
F-SO-2	Flexi Step Over 2 up / 2 down	2 up / 2 down	1000 x 1000mm	560mm	320 x 320mm
F-SO-3	Flexi Step Over 3 up / 3 down	3 up / 3 down	1000 x 1000mm	780mm	320 x 320mm
F-SO-4	Flexi Step Over 4 up / 4 down	4 up / 4 down	1000 x 1000mm	1000mm	320 x 320mm
F-HO-600	Flexi Hop Over - 600mm	-	1000 x 600mm	180mm	320 x 320mm
F-HO-1000	Flexi Hop Over - 1000mm	-	1000 x 1000mm	180mm	320 x 320mm
F-HO-HR	Flexi hand rail for Hop Over (1100mm high)	-	-	-	-
F-HO-HR-1	Flexi hand rail for Hop Over+ (1100mm high)	-	-	-	-
F-HO-600-1	Flexi Hop Over+	1 up / 1 down	1000 x 600mm	410mm	320 x 320mm
F-HO-1000-1	Flexi Hop Over+	1 up / 1 down	1000 x 1000mm	410mm	320 x 320mm

Specification Extract

Standard/Custom Access to be supplied by DiversiTech fully adjustable and hot dipped galvanised solutions and supported on 320mm square UV stabilised Flexi feet. Tel: +44(0)115900 5858

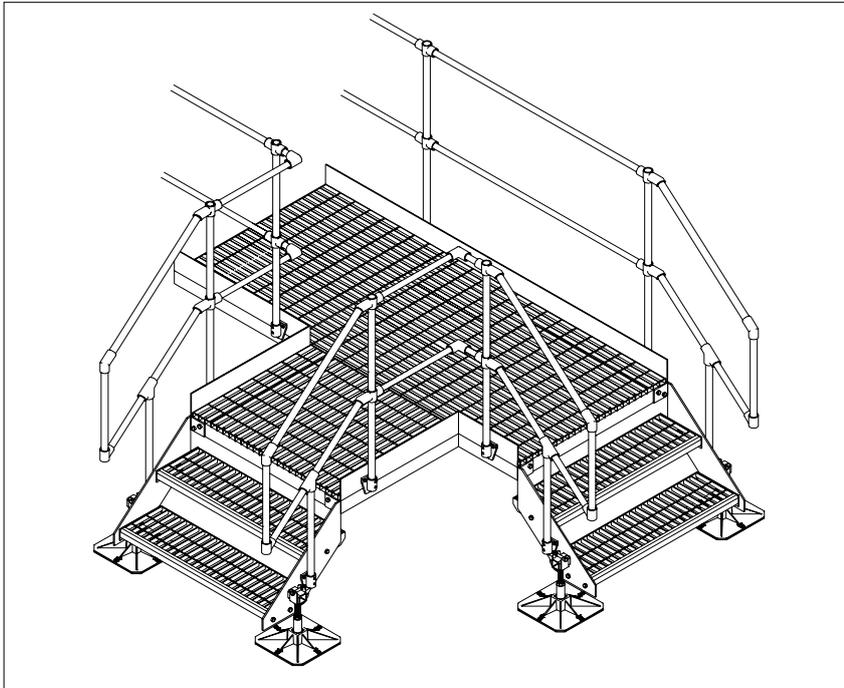


ACCESS



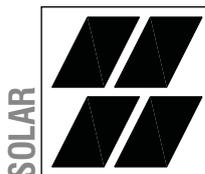
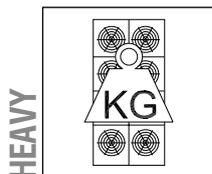
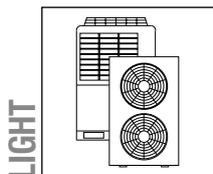
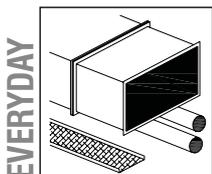
FLEXI CUSTOM PLATFORMS & WALKWAYS

A TAILORED SOLUTION TO FIT AROUND EXISTING ROOFTOP BUILDING SERVICES



FEATURES & BENEFITS

- Non-penetrative access solutions
- Site survey carried out by us
- Auto-CAD drawings forwarded for approval prior to manufacturing start
- Supplied flat packed in kit form for easy handling
- Complies with current British Standards
- Safeguards the workforce from rooftop falls
- Protection to the building owner/ end user with regards to The Work at Height Regulations 2005



FLEXI-ACCESS
FLEXI Custom Platforms & Walkways



■ FLEXI CUSTOM PLATFORMS AND WALKWAYS

Flexi custom platforms and walkways are designed to provide solutions for maintenance and fire exit access. Diversitech can attend site, and carry out a thorough site survey from which we will generate accurate drawing proposals.

These will be forwarded for approval to the project team prior to manufacture. They are manufactured from mild steel with a hot-dip galvanised finish. Alternatively, we can offer aluminium or GRP solutions upon request. Designed to comply with British Standards, these versatile and easy to assemble solutions are supplied with M24 adjustable legs (to cater for the roof fall), and supported by our 320mm square feet.



■ APPLICATION

- Generally positioned on flat roofs providing access to rooftop building services and fire exit access solutions

■ WHAT OUR SERVICE OFFERS YOU

- Quotations on request
- Full Auto-CAD drawing support
- Site support and site surveys
- Load management calculations
- Over 25 years experience in flat roof design, and providing support systems to building services
- Fast delivery
- Experienced in-house technical staff

■ MATERIAL SPECIFICATION

- Foot - 320mm square UV stabilised 100% polypropylene
- Mat - 100% natural rubber (mat is adhered to the foot)
- Legs - Step overs 48mm dia. 3mm steel tube with M24 stud adjuster. Hop-overs 40 x 40 x 2mm SHS
- Handrails - 33.7mm diameter Kee-klamp (or similar) c/w interchangeable fittings
- Treads/Flooring - 25 x 3mm open grid flooring. (41/100 bearing bars) and designed to 7.5kN/m² loading BS:4592 part 1
- Finish - Hot dip galvanised steelwork BS EN 10219: 1 :2006
- Galvanising: BS EN ISO 1461 :2009. Salt mist treating: BS EN 60068-2:52

DiversiTech supply access solutions that utilise stairs, companion way ladders or cat ladders, or a combination of all of these. Ramped access solutions are also available upon request.

Manufactured to current British Standards, Diversitech supply the solutions flat packed with all necessary fixings for a quick assembly on site by others.

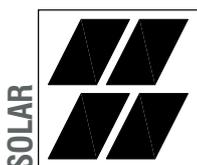
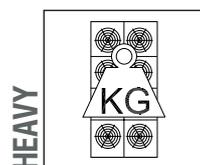
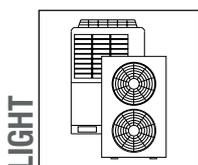
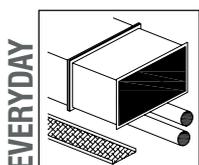
We offer an efficient manufacturing and galvanising process, and can supply goods to site usually within 10 - 15 working days.

Specification Extract

Flexi Custom Platform and Walkways will be supplied by DiversiTech Flexi Custom Access solutions
Tel: +44(0)115900 5858



AVMS-1 14	F-HF-500..... 13	MP-18E..... 14
AVMS-2 14	H-HO-1000 39	MP-2E..... 14
AVMS-3 14	F-HO-1000-1 39	MP-3E..... 14
AVMS-4 14	F-HO-600 39	MP-4E..... 14
AVMS-CR-3 14	F-HO-600-1..... 39	MP-6E..... 14
AVMS-CR-4 14	F-HO-HR 39	MPF-12..... 15
CMB-1000..... 14	F-SO-2..... 39	PH-BF-B..... 19, 21, 23
CMB-350 14	F-SO-3..... 39	PH-CLAMP-KIT 15
CMB-450 14	F-SO-4..... 39	PH-EF-B..... 19, 21
CROSS BAR 30, 31	F-SP-1 33	PH-FO-200..... 16, 17
END BAR..... 30, 31	F-SP-1-A..... 35	PH-FO-350..... 16
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FF-250-S 9, 37	F-SP-2-A..... 35	PH-FO-3505.0-S..... 16, 17
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FF-250-UNI 11	F-SP-3-A..... 35	PH-FO-500-2 16
FF-400-S 9,37	F-SP-4 33	PH-FO-500-2.5 16
FF-450-S-P-L 9	F-SP-4-A..... 35	PH-FO-500-5.0 16
FF-600-S 9, 37	F-TQ-ADJ-D 25, 27	
FF-FIXCLAMP 15	F-TQ-ADJ-S..... 27	
FF-FIX-2 15	F-TWIN-320-A..... 25	
FF-FIXPACK..... 15	F-TWIN-500-A..... 25	
F-HF-320..... 13	MP-12E..... 14	





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ENGINEER ON CALL



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