





ΕN

Solar Support



Heavy Duty Support





Light Duty Support



Services Support



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Low Cost, Big Results, No Limits

Big Foot Systems designs and manufactures freestanding systems to support plant equipment and services installed on flat roofs.

Our range of support products provide a quick, versatile and economical solutions for HVAC, solar units and access equipment with its simple, safe and secure non-penetrative roof support systems.

Big Foot Systems launched in the UK in 2001 with the introduction of simple frameworks to support condensing units.

The company's aim was to provide an easy and economical alternative to poured concrete and concrete blocks for supporting plant on a flat roof without penetrating or damaging the roof surface. The result was a cheaper, safer, less intrusive and quicker to install alternative. The on-site flexibility of the framework systems proved popular and the product range was developed to include cost effective supports for duct and pipework runs. Two simple walkway systems were also added to offer a secure route for service engineers and other personnel.

The company now offers a complete support solution for plant equipment on flat roofs, with an experienced technical support team, selling internationally through distributors in 15 countries.

Big Foot Systems sets the standard on any installation while meeting the needs of architects, consultants, engineers and contractors.

























Why Specify Big Foot Systems?

Does the Job

Non-penetrative, prefabricated, versatile plant and services support systems

Health & Safety

Regulations... 'A necessity'; all systems designed with safety, security and simplicity in mind

Cost Effective

Help ensure project cost and time clarity. Quick and easy to install products and systems

Range & Support

Market leading products and services including system design and on-site support

Improves Aesthetics

Predictable, repetitive, the professionals choice, robust systems with sympathetic styling

Technical Support Team

Experienced technical support, setting the standard on any installation while meeting the needs of architects, consultants, engineers and contractors

CONTACT



Big Foot Systems Product Range



Safe Access

Initial site surveys by our specification team identify clients needs. Big Foot Systems detailed AutoCAD drawings provide concise economically engineered Safe Access solutions to fit within existing rooftop services – complying with current British Standards.

TYPICAL APPLICATIONS

- Plant Maintenance
- Plant Inspection
- Roof Access

FEATURES & BENEFITS

- Free standing, non-penetrative systems
- Quick and simple, on-site assembly
- Flat packed for ease of transportation
- Health and safety regulation compliance
- Optional fully certified independent warranty
- Custom designs available



Big Foot Systems Solar Supports are versatile, robust, and quick to install. Available in various sizes, angles and heights, Solar Support systems can be adapted to almost any installation and for as many panels as the scheme requires. A wind calculation assessment service is also available.

TYPICAL APPLICATIONS

- PV Panels
- Solar Thermals

FEATURES & BENEFITS

- Non penetrative solution for the support of solar panels in a portrait or landscape arrangement
- Versatile, modular framework available in various sizes
- Quick and easy to install, robust and secure
- CFD wind calculation service available
- Optional fully certified independent warranty



The Big Foot Systems Heavy Duty range offers a robust cost effective support alternative to on-site concrete constructions. With minimal on-site assembly and easy positioning, the HD Cube and HD Beam products aid load dispersal and are non-penetrative – helping to protect the roof finish.

TYPICAL APPLICATIONS

- Chillers
- Plant Rooms
- Air Handling Units
- Heavy Pipes & Steels
- Armoured Cabling

FEATURES & BENEFITS

- Optional Certified Independent Warranty
- In-house Computer Aided Design (CAD) Service
- Non penetrative high load management system
- Finite Element Analysis (FEA)
- Load calculation service available
- Cost and time effective on-site installation
- Pre-fabricated for consistent and controlled installations
- Ensures greater project design flexibility



Light Duty Support

The Big Foot Systems Light Duty range offers an array of solutions to support a variety of air handling units and air conditioning systems. Many larger air handling units are made up of several sectional components that can be individually crane lifted directly onto rooftops. Frame kits for most major manufacturer's VRV/VRF units are available from stock.

TYPICAL APPLICATIONS

- Extract & Supply Fans
- Air Conditioning
- VRV & VRF Units
- Air Handling Units

FEATURES & BENEFITS

- Non penetrative load management
- Cost effective, pre-fabricated support system
- Versatile modular frameworks
- Quick to install, robust and secure
- Building regulation compliant
- Optional independent warrantly available



Services Support

With the main plant positioned upon the roof, there is generally a need to install the associated auxiliary services. M & E containment such as ductwork, pipe and cable tray can be supported from a number of auxiliary support products from our Services Support range.

TYPICAL APPLICATIONS

- Pipework
- Duct Runs
- Cable Trays
- Cable Management

FEATURES & BENEFITS

- Non penetrative, lightweight support
- Cost and time effective installation
- Improved system aesthetics
- Robust, high quality materials
- Available ex-stock nationwide





Big Foot Step Over

To bridge over and provide access to existing services, plant and equipment

Typical Application

To allow for safe passage of personnel accessing roof-top equipment.

There are 3 basic modular Big Foot Step Overs available with 2, 3, and 4 steps and a 1m landing section. The 4 legs on each Step Over are supplied with 305mm feet and AV mats for stability.

The metalwork is galvanised to withstand the yearround elements on a roof. The Big Foot Step Over system utilises Big Foot leg assemblies.

Kit Includes

- 4 x 305mm leg assemblies & AV mats
- 4 x Step handrail
- 1 x Landing grating
- 4 x Step stringers
- 2 x Landing kickplates
- 2 x Landing handrails
- Tread quantity to suit
- Fixings and assembly instructions

Custom Step Over

Big Foot Systems will be happy to specify a Step Over designed specially to meet your needs. All you need to do is provide accurate drawings of the flat roof and its existing installations and we will supply you with a planned layout and quote.

Technical Information

Model	Part No.	Clearance Height (mm)	Width (mm)	Landing Length (mm)
2 Step Step Over	B6939	462	813	1000
3 Step Step Over	B6940	647	813	1000
4 Step Step Over	B6941	833	813	1000



PLASTIC FOOT Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

METAL FRAMEWORK

Hot Dip Galvanised Mild Steel: BS EN 10219-1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C

Over Platform

- Optional handrails
- 200mm feet
- Easy on-site assembly
- Simple platforms ideal for allowing safe passage over small hazards, e.g. small pipe runs

Part No.	Height (mm)	Width (mm)	Length (mm)	Clearance Height (mm)
B9200	220	600	1000	155
B9201	220	1000	1000	155
B6942*	1100	-	1000	-
			* optic	onal hand rail

Big Foot Rapid Walkway

Safe access for on going maintenance and inspection of plant and services

Typical Application

The Big Foot Rapid Walkway is ideal for establishing clear, safe pathways around installations on a flat roof. It offers a secure route for service engineers to gain access to plant and for managing the flow of other personnel. The metalwork is galvanised to withstand the year-round elements on a roof, and the gritted top to the Walkway grating provides a permanent non-slip surface in any weather. The Big Foot Rapid Walkway system utilises Fix-it Foot feet. This beautifully simple Walkway system is supported on recycled rubber blocks. Rapid Walkway systems are supplied from stock and are quick and easy to install on site.

Custom Walkway

Big Foot Systems will be happy to specify a Walkway designed specially to meet your needs. All you need to do is provide accurate drawings of the flat roof and its existing installations and we will supply you with a planned layout and quote.

Technical Information

Section Model	Part No.	Length outside of metalwork (mm)	Width of walkable section (mm)	Width outside of Fix-it Foot (mm)	Height to walkway surface (mm)	Height to top of handrail (mm)	Approx. Weight (kg)
Single Corner	B9104	1496	1018	1230	130	n/a	42
1m Length	B9105	1000	1018	1230	130	n/a	32
2m Length	B9106	2000	1018	1230	130	n/a	58
3m Length	B9107	3000	1018	1230	130	n/a	85
1m Handrail	B9111	1000	n/a	n/a	n/a	1130	9
2m Handrail	B9112	2000	n/a	n/a	n/a	1130	12
3m Handrail	B9113	3000	n/a	n/a	n/a	1130	15
T Junction	B9143	n/a	n/a	n/a	n/a	1130	65



Material Specification

FIX-IT FOOT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

METAL FRAMEWORK

Hot Dip Galvanised Mild Steel: BS EN 10219-1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C



Ideal for walkways and to protect roof surfaces, with underside detail to allow for small debris on roof.

Part No.	Height	Width	Length
	(mm)	(mm)	(mm)
B6416	45	500	500



Safe Access



Solar Support

Big Foot Solar Fix-it Frame

Solar panels

Typical Application

Big Foot Solar Fix-it Frame provides a quick to install solution using 600mm x 600mm x 50mm, 40kg paving slabs as ballast (not included). Utilising the Fix-it Foot feet, this modular system is very versatile with its installation options.

Solar Fix-it Frame is available in various sizes, angles and heights. The frame can be adapted to suit almost any installation.

Standard 10°, 20° and 30° panel systems are available from stock. Custom layouts to order.

The hot dipped galvanised steel framework ensure maximum corrosion resistance for year round weather protection.

Kit Includes

- Fix-it Foot feet
- Hot dip galvanised base frame
- A-frames and fixings
- Solar panel clips
- Assembly instructions

Wind Analysis

Big Foot Systems are currently using Computational Fluid Dynamics (CFD) software to calculate site specific wind load conditions.

Using the industry-leading ANSYS wind profiling program, analysis is run based on the solar panel size, quantity, pitch and mass of the panel then calculated to determine the ballast requirement for the solar support system.

Big Foot Systems CFD modelling is based on customer supplied information and available to customers dependent upon scheme size.

Fix-it Foot

Big Foot Solar Fix-it Frame systems use UV stable Fix-it Foot feet as a neat and tidy support solution. Made from durable recycled rubber with a channel moulded into the top face, allowing fixing of 40mm x 40mm box section or strut.





Material Specification

FIX-IT FOOT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 + A2:2009 and BSEN1176-7:2008

METAL FRAMEWORK

Hot Dip Galvanised Mild Steel: BS EN 10219 1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C BSEN60068-2-14

SOLAR PANEL CLIPS 15% Glass filled Polypropolene UV Stabilised – Colour black



Big Foot Solar Cast Frame

Solar panels

Typical Application

The Big Foot Solar Cast Frame is an extremely quick to install solar panel solution. Incorporating the ballast into the framework means the system is reliable and simple to install.

With a large surface area, the Big Foot Cast Frame solution is ideal for roofs with lower strength or slippery surfaces. This type of frame also lends itself to non-permenant ground installations.

Standard 10°, 20° and 30° panel systems are available from stock. Custom layouts to order.

The hot dipped galvanised steel framework ensure maximum corrosion resistance for all year weather protection.

Kit Includes

- Cast concrete ballast feet
- Galvanised fixtures and fittings
- A-frames and fixings
- Solar panel clips

Wind Analysis

Big Foot Systems are currently using Computational Fluid Dynamics (CFD) software to calculate site specific wind load conditions.

Using the industry-leading ANSYS wind profiling program, analysis is run based on the solar panel size, quantity, pitch and mass of the panel then calculated to determine the ballast requirement for the solar support system.

Big Foot Systems CFD modelling is based on customer supplied information and available to customers dependent upon scheme size.

Concrete Feet

Big Foot Solar Cast Frame uses cast concrete feet with channels moulded into the top face and bushes, allowing fixing of 40mm x 40mm box section or strut.

The 80kg cast concrete foot is supplied with bushes to take bolts.





Material Specification

CONCRETE BALLAST FEET Reinforced Concrete

METAL FRAMEWORK Hot Dip Galvanised Mild Steel: BS EN 10219 1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS Suitable for internal or external applications in temperatures between -40°C to +80°C

SOLAR PANEL CLIPS 15% Glass filled Polypropolene UV Stabilised – Colour black



Solar Support

Big Foot Solar Leg Frame

Solar panels

Typical Application

Big Foot Solar Leg Frame provides a quick to install solution using 600mm x 600mm x 50mm, 40kg paving slabs as ballast (not included). Utilising the Big Foot Feet, this modular system is very versatile with its installation options.

Available in various sizes, angles and height, the slab frameworks can be adapted to suit almost any installation for as many panels as required.

Standard 10°, 20° and 30° panel systems are available from stock. Custom layouts to order.

The hot dipped galvanised steel framework ensure maximum corrosion resistance for all year weather protection.

Kit Includes

- Big Foot Adjustable Legs and Feet
- Hot dip galvanised base frame
- A-Frames and fixings
- Solar panel clips

AV mats

Mats designed to absorb small impediments on roof surface. Optional angled AV mats cater for roof fall.

Wind Analysis

Big Foot Systems are currently using Computational Fluid Dynamics (CFD) software to calculate site specific wind load conditions.

Using the industry-leading ANSYS wind profiling program, analysis is run based on the solar panel size, quantity, pitch and mass of the panel then calculated to determine the ballast requirement for the solar support system.

Big Foot Systems CFD modelling is based on customer supplied information and available to customers dependent upon scheme size.



Big Foot Solar PV Fix-it Packs

Solar panels

Typical Application

Big Foot Solar PV Fix-it Packs provide a quick to install solution using 600mm x 600mm x 50mm, 40kg paving slabs as ballast (not included). Utilising Big Foot Systems Fix-it Foot feet, this modular system is very versatile.

Solar PV Fix-it Frame is available in various sizes, angles and heights and are ideally suitable to flat roof applications. Packs come complete with easy fit panel clips. Standard 10°, 20° and 30° panel systems are available from stock. Custom layouts to order. Hot dipped galvanised steel framework ensure max. corrosion resistance for year round weather protection.

Technical Information

Model	Part No.	Height (mm)	Length (mm)	Width (mm)	Product Weight ^(kg)
3 Panel Pack 10°	SB9446	448	3170	1682	90
3 Panel Pack 20°	SB9447	740	3170	1682	90
3 Panel Pack 30°	SB9448	1070	3170	1682	90
4 Panel Pack 10°	SB9449	448	4200	1682	120
4 Panel Pack 20°	SB9450	740	4200	1682	120
4 Panel Pack 30°	SB9451	1070	4200	1682	120
5 Panel Pack 10°	SB9452	448	5260	1682	150
5 Panel Pack 20°	SB9453	740	5260	1682	150
5 Panel Pack 30°	SB9445	1070	5260	1682	150

Kit Includes

Fix-it Foot feet

A-frames and fixings

Solar panel clips

Fix-it Foot

40mm x 40mm box

section or strut.

Hot dip galvanised base frame

Big Foot Solar PV Fix-it Packs use UV stable

moulded into the top face, allowing fixing of

Fix-it Foot feet as a neat and tidy support solution.

Made from durable recycled rubber with a channel

ETKIT FOOT 250 LOW

Pack Options





4 PANEL PACK



5 PANEL PACK



Suitable for most solar PV panels between 1400 – 1700mm high and 800 – 1019mm wide.

Material Specification

FIX-IT FOOT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 + A2:2009 and BSEN1176-7:2008

METAL FRAMEWORK

Hot Dip Galvanised Mild Steel: BS EN 10219 1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C BSEN60068-2-14

SOLAR PANEL CLIPS 15% Glass filled Polypropolene UV Stabilised – Colour black



Big Foot HD Cube

Chillers | Plant Rooms | Large AHU

Typical Application

The HD Cube offers a complete, efficient and robust solution for supporting heavier services on flat roofs. Ideal for the support of large plant rooms, chillers and large air handling units. The HD Cube provides a simplistic approach without the necessity of casting traditional concrete plinths early on in the construction.

Finite Element Analysis (FEA)

Utilising the industry leading ANSYS load analysis programme, specific loading conditions can be calculated with consideration to total weight, weight distribution and dimensions to optimise the HD support framework design solution. FEA calculations are available based on customer supplied information, dependent upon scheme size and complexity.

Kit Includes

- 4 x Feet
- 4 x Anti-vibration mats
- Hot dip galvanised framework

Vertical Adjustment

The minimum height, with the adjuster on top of a 600HD Cube is 640mm and adjusted up to a maximum of 720mm (80mm of adjustment within the adjuster max). 200HD Cube: 240mm minimum up to a maximum of 320mm.

Model	Part No.	Length (mm)	Width (mm)	Weight ^(kg)
HDC Adjuster	B9374	250	150	3

Technical Information

Model	Part No.	Feet Size (mm)	Height (mm)	Footprint (mm)	Max. Load per Cube (kg)	Packaged Weight (kg)
200HDC	B9378	450 x 450	333	1136	1200	62
200HDC	B9376	600 x 600	333	1292	2000	72
600HDC	B9377	450 x 450	583	1136	1200	75
600HDC	B9375	600 x 600	583	1292	2000	82

Top Bar: 700mm x 50mm x 50mm box section (5mm Wall)

Frame: 50mm x 50mm box section (5mm Wall)



HD Cube



Material Specification

PLASTIC FOOT Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

METAL FRAMEWORK

Hot Dip Galvanised Mild Steel: BS EN 10219-1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C

HD Support

Big Foot HD Beam

Steels | Chillers | Plant Rooms | Heavy Pipes & Armoured Cabling

Typical Application

The HD Beam was developed as a lighter weight companion to the HD Cube. Typical applications include large chillers, large air handling units and heavy pipes and services. HD Beam is a robust but flexible solution where space may be limited, or there is a requirement to position directly over existing structural roof beams. With M24 stud built into both legs to accommodate roof falls, the requirement for additional adjustment is not usually needed. An optional, 'quick fitting' Clamp Kit ensures a rigid fix back to the services, or secondary steelwork.

Kit Includes

- 2 x Feet
- 2 x Anti-vibration mats
- 1 x Adjustable cross beam
- 2 x Clamps
- Assembly instructions

Technical Information

Model (with clamps)	Part No.	Feet Size (mm)	Max. Height (mm)	Overall Width (mm)	Overall Length (mm)	Max. Load per Beam (kg)	Packaged Weight (kg)
600HDB	B9373	600 x 600	360	642	1392	800	37
450HDB	B9423	450 x 450	360	486	1346	500	35

Cross Beam: 800mm x 50mm x 50mm box section (5mm Wall)

Finite Element Analysis (FEA)

Utilising the industry leading ANSYS load analysis programme, specific loading conditions can be calculated with consideration to total weight, weight distribution and dimensions to optimise the HD support framework design solution. FEA calculations are available based on customer supplied information, dependent upon scheme size and complexity.

HEIGHT ADJUSTMENT

Height adjustment from 255mm to 360mm. Big Foot Feet can inter-change with our various leg assemblies to offer customers differing support heights and foot prints to suit.



Material Specification

PLASTIC FOOT

Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

METAL FRAMEWORK

Hot Dip Galvanised Mild Steel: BS EN 10219-1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C

Big Foot Non-Adjustable HD Beam

- 2 x Feet
- 2 x Anti-vibration mats
- 1 x Non-adjustable cross beam
- 2 x Clamps
- Assembly instructions

Part No.	Height (mm)	Width (mm)	Length (mm)	Clearance Height (mm)
B9217	303	642	1392	360

Big Foot HD Custom Framework

Large AHU's and Heavy Plant to customer specific requirements

Typical Application

There are many situations at roof level that direct the customer away from our standard framework approach. Limited space, existing upstands, lightweight roofs, and other services may all contribute to detailing an appropriate custom support solution. With the aid of our technical surveyors and using our ANSYS FEA software, Big Foot can offer custom made one-off solutions to meet the demanding environment present on some of todays roofs.

Our extensive knowledge of waterproofing systems and roof build-ups ensure we keep within the loading parameters and this can be further demonstrated by us providing the necessary calculations to support our design. This, together with a rapid manufacturing and delivery time, offers customers a fast solution.

Finite Element Analysis (FEA)

Utilising the industry leading ANSYS load analysis programme, specific loading conditions can be calculated with consideration to total weight, weight distribution and dimensions to optimise the HD support framework design solution. FEA calculations are available based on customer supplied information, dependent upon scheme size and complexity.

Product Details

ANGLED AV MATS

The solution to sloping roofs. 2.5° & 5° AV mats are available for 450mm feet.

LEG HEIGHT ADJUSTMENT

255mm – 360mm: floor to top of framework (255mm – 560mm: stepped roof option).

FEET FLEECES

Recommended for use on PVC membrane roof surfaces to prevent migration of plasticizers.



Big Foot VRV / VRF Frame

VRV / VRF Systems

Typical Application

Developed for the siting of most major manufacturers VRV/VRF systems. This lightweight and easily assembled Modular Frame system is quick to install and provides a robust and secure method of support.

Manufacturers units currently covered include Mitsubishi, Hitachi, Daikin, Toshiba & Samsung. For further details contact the Big Foot Systems Technical Office on +44 (0)1323 844 355.

Provision for associated services has been incorporated in the framework design.

Kit Includes

- Adjustable leg assemblies
- Feet and Anti-vibration mats
- AC clamp kits
- Adjustable cross bars
- 40mm x 40mm box section end bars
- Site assembly instructions

PLEASE NOTE: Quantities and sizes within the kit are unit dependent.

Product Details

ANGLED AV MATS The solution to sloping roofs. 2.5° & 5° AV mats are available for 450mm feet.

LEG HEIGHT ADJUSTMENT 255mm – 360mm: floor to top of framework (255mm – 560mm: stepped roof option) Large Stud (440mm) can be purchased as an extra individual component if required.

LINEAR ADJUSTMENT

The cross-bars which support the condenser units can slide along the plain bars into the position required, then are locked securely in place.

CONDENSER CLAMPS

The repositionable clamps located on both sides of the cross-bars, locking down onto the feet of the condensor units as they are tightened.

LEG AND BRACKET POSITIONING

The leg and bracket are usually positioned outside the framework, but can be positioned inside if the is an obstruction or the load dictates.

FEET FLEECES

Recommended for use on PVC membrane roof surfaces to prevent migration of plasticizers.





Big Foot Splits Modular Frame

Air Conditioning Systems

Typical Application

For supporting air conditioning plant on flat roofs. There are three basic modular frameworks available in 1m, 2m and 3m versions. The modular frameworks come with 305mm feet which are provided with anti-vibration mats to fit underneath. The frame is constructed from 40mm x 40mm standard box section. For heavier loads refer to our HD range of products.

1 METRE / 2 UNITS





2 METRE / 4 UNITS







Technical Information

Model	Part No.	Height Adjustment (mm)	Overall Length (mm)	Overall Width (mm)	Product Weight ^(kg)	Max. loading (kg)
1 Metre	B6075	255 - 360	1650	1250	42	480
2 Metre	B6077	255 - 360	1650	2250	70	720
3 Metre	B6078	255 - 360	1650	3250	97	960

Other leg assemby variations for this system are available

Kit Includes

- End bars 40 x 40 section
- 1.2m Cross bars 40 x 40 section
- 305mm Leg assemblies with AV mats
- Clamp kits
- Site assemby instructions

PLEASE NOTE: Quantities and sizes within the kit vary depending on the size of framework required.

3 METRE / 6 UNITS





Services Support



Big Foot H Frame

Pipework | Ductwork | Cable Trays

Typical Application

The H Frame Set is a quick, versatile and economical solution for supporting pipework, ductwork, cable trays or any combination of these. You provide your own strut, keeping the duct and pipe installations low cost and totally flexible by fabricating the frameworks on-site.

Using inserts, the feet adapt to accomodate 41mm x 41mm off-the-shelf strut. The majority of installations require 305mm H Frames but where a greater load spread is required 450mm and 600mm H Frames are also available.

Kit Includes

- 2 x Plastic feet
- 2 x Anti-vibration mats
- 2 x Strut inserts
- Brackets and fixings
- Assembly instructions

PLEASE NOTE: Strut is not included

FEET FLEECES

Recommended for use on PVC membrane roof surfaces to prevent migration of plasticizers.

ANGLED AV MATS 2.5° and 5° AV mats are also available for sloped roofs.



Technical Information

Model	Part No.	Foot Size (mm)	Rec. Loading per Frame (kg)	Packaged Weight (kg)
Small	B6088	305	150	6.75
Large	B6089	450	300	13.35
Mega	B9222	600	450	20



Material Specification

PLASTIC FOOT

Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

BRACKET

Hot Dip Galvanised Mild Steel: BS EN 10219-1:1997. Welding Standard: BS EN ISO 15614-1 Galvanising: BS EN ISO 1461:1999 Salt Mist Testing: BSEN60068-2-52 Test Kb Severity 1

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C



Big Foot Multi Foot

Pipework | Ductwork | Cable Trays

Typical Application

The Multi Foot is designed to be a multi-purpose support for ductwork, pipework and cable trays or any combination of these.

This extremely versatile and cost effective one-piece support is available in two sizes with optional AV mats. Multi Foot can be used to support small and large pipework systems, cable trays, ductwork or any combination of these.

- 40mm x 20mm Aluminium channel (horizontally)
- 41mm x 41mm Strut (vertically)
- 41mm x 21mm Strut (horizontally)
- M12 Threaded drop rod (vertically)

PLEASE NOTE: The Multi Foot is supplied WITHOUT any fixings or fittings.

FEET FLEECES

Recommended for use on PVC membrane roof surfaces to prevent migration of plasticizers.



Technical Information

Part No.	Height (mm)	Width (mm)	Length (mm)	Max. Loading per Foot (kg)	Packaged Weight (kg)
36357	95	180	400	77	1.7
36359	95	220	600	142	2.8
36358	10	185	405	-	2.5
36360	10	225	605	-	4.5
	36357 36359 36358 36360	at 140. Height (mm) 36357 95 36359 95 36358 10 36360 10	at No. Theight (mm) Width (mm) 36357 95 180 36359 95 220 36358 10 185 36360 10 225	at No. neight (mm) vvdun (mm) Length (mm) 36357 95 180 400 36359 95 220 600 36358 10 185 405 36360 10 225 605	at No. Height (mm) With (mm) Lefight (mm) Max. Exactly per Foot (kg) 36357 95 180 400 77 36359 95 220 600 142 36358 10 185 405 - 36360 10 225 605 -

To provide loading of 10 $\ensuremath{\text{Kn}}\xspace/\ensuremath{\text{m}}\xspace^2$



Multi Foot Applications



Material Specification

MULTI FOOT Nylon 6 B601L 30% Glass Fibre Filled

ANTI-VIBRATION MAT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 & BS5696 Part 3:1979

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C

Services Support



Big Foot Fix-it Foot

Pipework | Ductwork | Cable Trays

Typical Application

The seven sizes of Fix-it Foot are a neat and tidy support solution from Big Foot. The feet have 40mm x 20mm aluminium channel recessed into the top face, allowing fixing of the services resting across the feet. Suitable for pipework, duct and cable tray runs.

The recesses in the underside allow for small debris on the roof surface. The Fix-it Foot is made of durable recycled rubber, which offers built-in anti-vibration and makes it both economical and environmentally responsible.

Fix-it Foot

Big Foot Fix-it Foot feet are a neat and tidy support solution. Made from UV stabilised, recycled rubber with a channel moulded into the top face, allowing fixing of 40mm x 40mm box section or strut.

PLEASE NOTE:

The Fix-it Foot is supplied without any fixings or fittings.

FEET FLEECES

Recommended for use on PVC membrane roof surfaces to prevent migration of plasticizers.

FIX-IT FOOT: 250 LOW, 400 LOW, 250 & 400



Technical Information

Model	Part No.	Height (mm)	Width (mm)	Length (mm)	Max. Loading per Foot (kg)	Packaged Weight (kg)
250	B6735	95	180	250	160	2.3
400	B6736	95	180	400	260	3.7
600	B6737	95	220	600	474	5.5
1000	B9096	95	180	1000	645	9.3
250L	B9043	50	130	250	160	1.2
400L	B9045	50	130	400	260	2.5
500L	B9368	50	130	500	367	4.6



Material Specification

FIX-IT FOOT

SBR-Recycled Rubber. Bound using a ratio of high quality moisture curing Polyurethane Pre-Polymer. BS7188:1989 +A2:2009 and BS EN1176-7:2008

METAL PROFILE

Aluminium 40mm x 20mm profile compatible with strut fixings

WORKING CONDITIONS

Suitable for internal or external applications in temperatures between -40°C to +80°C. BSEN60068-2-14





Big Foot Ancillaries

Access Hatches



The Roof Hatch provides a high quality secure opening for access through flat, pitched, cladded profile and standing seam roofs. Available in standard sizes from stock or made to measure each hatch comes fully insulated and weatherproof. Manufactured from 2.0mm gauge aluminium or 1.5mm gauge stainless steel the lightweight design makes operation and fitting simple. The hatch comes with gas struts to assist opening and to hold the door in the open position.

Model	Part No.
750mm x 750mm	B9436
900mm x 750mm	B9440
900mm x 900mm	B9437
1200mm x 900mm	B9439
1200mm x 1200mm	B9438

Material Specification

Aluminium external shell, 80mm phenolic insulation, stainless steel hinges and fixings, gas strut and lockable latch

Ladder Anchor





On average, 13 people die a year at work falling from ladders and nearly 1,200 suffer major injuries. The Big Foot Ladder Anchor is a simple safety device that sits under the feet of your ladder, preventing it from slipping, sinking and twisting. The Big Foot Ladder Anchor can also save labour costs by eliminating the need to 'foot' the ladder.

Ladder Anchor	Part No.
600mm x 50mm	B9289

Material Specification

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Mounting Platforms



Simply fitted into the top of the Big Foot mouldings, these Platforms provide a versatile support system. Available with a plain top or with 2 or 4 sides, they have a central M10 threaded insert and are available with 305mm or 450mm feet.

Platform Size	Part No.
305mm Plain Top	B9098
305mm 2 Sides	B9099
305mm 4 Sides	B9100
450mm Plain Top	B9101
450mm 2 Sides	B9102
450mm 4 Sides	B9103

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Swan Necks



High quality bespoke Swan Necks are ideal for one of the most sensitive areas of a flat roof... where you have to put pipes through. A large flange around the foot of the Swan Neck allows a full seal with the roof membrane. The 2mm aluminium plate is lightweight and won't go rusty. Full hood protects against rain ingress, and rounded outlet protects pipes, insulation and cables.

Swan Neck Style	Part No.
75mm x 75mm (1 Outlet)	B9154
125mm x 125mm (1 Outlet)	B9148
200mm x 200mm (1 Outlet)	B9149
125mm x 250mm (1 Outlet)	B9150
125mm x 500mm (1 Outlet)	B9151
125mm x 250mm (2 Outlet)	B9152

Material Specification

Aluminium 40mm x 20mm profile compatible with strut fixings

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Disclaimer

Big Foot Systems takes no responsibility for the condition of the roof on which our equipment is to be used. You must ensure that the substrate on which the Big Foot Systems is intended for use is structurally sound enough to take the weight and point loadings we have indicated.

All Big Foot Systems products must be installed in line with the guarantees and recommendations of the manufacturer of the roofing system. The manufacturer of PVC membranes should advise on the susceptibility to migration of plasticizers and specific recommendations should be adhered to so that the roof guarantee is not affected.



