
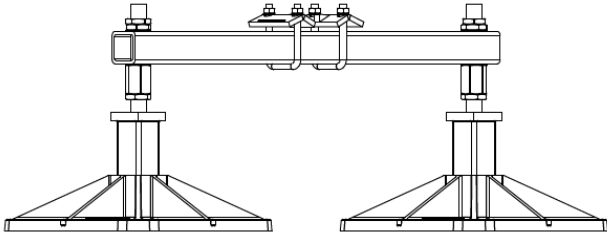
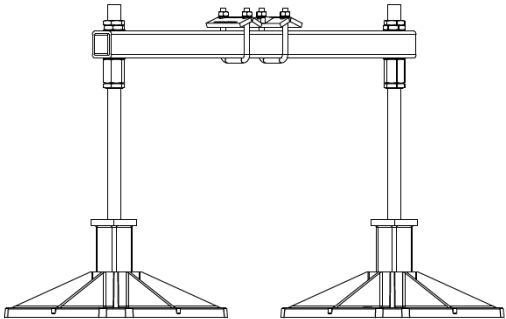
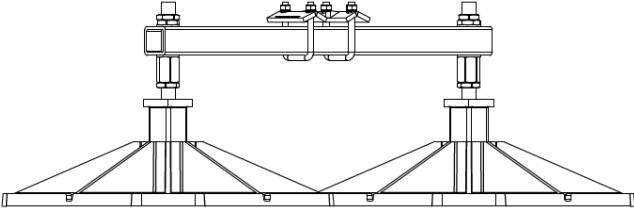
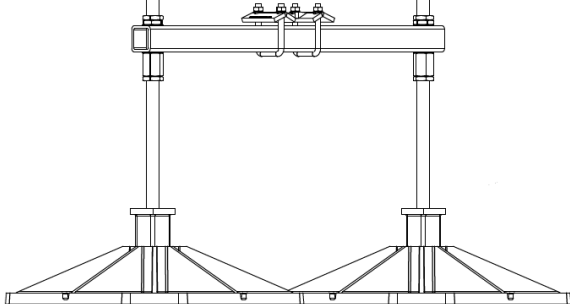
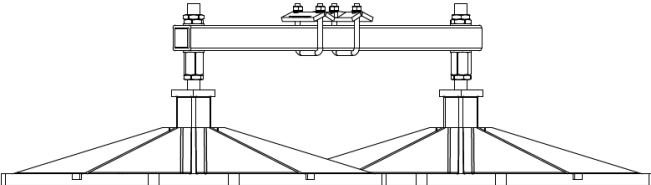
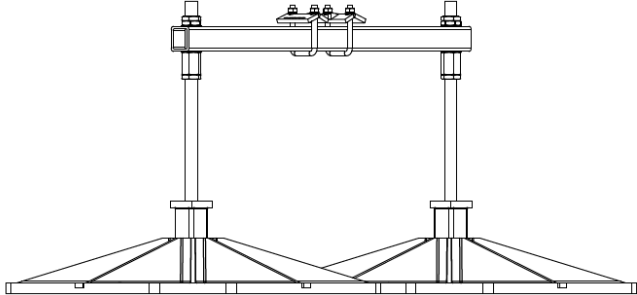
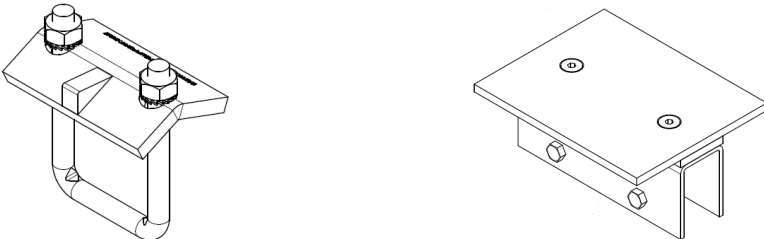

	<div>PRODUCT SPECIFICATION</div> <div>Manufacturer: Big Foot Systems</div> <div>Product Name: HD Beams</div>		<div>Metal Framework:</div> <ul style="list-style-type: none">Hot dip galvanized carbon steel: BS EN 10219-1. Welding standard: BS EN ISO 15614-1.Galvanizing: BS EN ISO 1461.Salt mist testing: BS EN 60068-2-52.
<div>Product Summary</div> <div>AHU and Chiller support; heavy duty support frame</div>			<div>Design Considerations</div> <div>Foot Pressure & UDL (Roof Load):</div> <div>Allowable foot pressure and roof load will be subject to roof build-up, typically detailed by a structural engineer. Big Foot Systems work to a maximum foot pressure and UDL of 20kN/m2 and 7.5kN/m2 respectively.</div>
<div>Product Description</div> <div>The HD Beam enables units to be positioned directly over existing structural beams, so the load can be evenly distributed. Ideal for supporting heavy plants on steels spanning a larger area. A boxed kit complete with a pair of HD mounting clamps.</div>			<div>Design Load:</div> <div>The design load is based on the maximum allowable deflection on the HD beam crossbar in addition to the allowable foot pressure stated above. The design load per HD beam variation corresponds to the foot size:</div> <div>HD beam 305mm (12 1/64inches) feet has a maximum design load of 500kg (1102lbs), HD beam 450mm (17 23/32inches) is rated at 1000kg (2205kg) and HD beam 600mm (23 5/8 inches) is rated at 1500kg (3307lbs).</div>
<div>Features & Benefits</div> <ul style="list-style-type: none">Non-penetrative load management.Cost effective, pre-fabricated support system.Versatile modular frameworks.Rubber crumb foot mat for roof finish protectionQuick to install, robust and secure.			<div>Wind Loading:</div> <div>Design dependent, suitable for wind exposed environments; up to wind speeds of 100mph.</div>
<div>Product Reference</div> <div>Two adjustable height options; available in three foot sizes:</div> <ul style="list-style-type: none">B9722—Standard 305mm (12 1/64 in). Adjustable 300-360mm (11 13/16—14 11/64)B9723—Long stud 305mm (12 1/64 in). Adjustable 300-560mm (11 13/16—22 3/64)B9423—Standard 450mm (17 23/32 in). Adjustable 300-360mm (11 13/16—14 11/64)B9690—Long stud 450mm (17 23/32 in). Adjustable 300-560mm (11 13/16—22 3/64)B9373—Standard 600mm (23 5/8 in). Adjustable 300-360mm (11 13/16—14 11/64)B9692—Long stud 600mm (23 5/8 in). Adjustable 300-560mm (11 13/16—22 3/64) <div>Ancillaries available to suit the HD Beams:</div> <ul style="list-style-type: none">B5104—HD Mounting PlateB9306—HD Clamp			<div>Roof Surface:</div> <div>Suitable for any roof surface including but not limited to PVC membrane, mastic asphalt, insulation and concrete roof finishes.</div> <div>Working Conditions:</div> <div>Suitable for internal or external applications in temperatures between -40°C to +80°C.</div> <div>Marine Environment:</div> <div>Salt mist test conducted in accordance with ASTM B117-11 to simulate an accelerated environmental test. The results validate the 10 year product guarantee issued by Big Foot Systems.</div>
<div>Standards</div> <div>Constructed to:</div> <ul style="list-style-type: none">BS8000-4: Workmanship on building sites. Code of practice for waterproofing.BS6229: Code of practice for flat roofs with continuously supported coverings.Building Regulations (E & W) Part L: Conservation of Fuel and Power.BS EN 1850-1: Determination of visible defects.BS EN 1107-1: Flexible sheets for waterproofing. Determination of dimensional stability.Plastic Foot: Nylon 6 B601L 30% glass fibre filled			<div>Where to buy:</div> <div>Available to buy off the shelf from any partner wholesalers across the country. The link below provides the location of every wholesalers in the UK. www.bigfootsupport.com/distributors</div>
			<div>Options</div> <div>Foot Fleeces:</div> <div>Recommended for use on PVC membrane and asphalt roof surfaces to prevent migration of plasticizers. B9156—305mm (12 1/64inches); B9157—450mm (17 23/32inches); B9415—600mm (23 5/8 inches).</div> <div>Angled Mats:</div> <div>2.5 and 5 degrees angled mats available for 305mm and 450mm feet only, for use on roof fall up to 6 degrees. B9091—2.5° 305; B9092—5.0° 305; B9093—2.5° 450; B9094—5.0° 450 feet.</div>

B9722 - HD Beam 360/305						B9723 - HD Beam 560/305					
Length	mm	1066				Length	mm	1066			
	Inches	41 31/32					Inches	41 31/32			
Width	mm	330				Width	mm	330			
	Inches	12 63/64					Inches	12 63/64			
Height	mm	300 - 360				Height	mm	300 - 560			
	Inches	11 13/16 - 14 11/64					Inches	11 13/16 - 22 3/64			
Frame Weight	kg	16				Frame Weight	kg	18			
	lbs	35					lbs	40			

B9423 - HD Beam 360/450						B9690 - HD Beam 560/450					
Length	mm	1222				Length	mm	1222			
	Inches	48 7/64					Inches	48 7/64			
Width	mm	486				Width	mm	486			
	Inches	19 9/64					Inches	19 9/64			
Height	mm	300 - 360				Height	mm	300 - 560			
	Inches	11 13/16 - 14 11/64					Inches	11 13/16 - 22 3/64			
Frame Weight	kg	23				Frame Weight	kg	25			
	lbs	51					lbs	55			

B9373 - HD Beam 360/600						B9692 - HD Beam 560/600					
Length	mm	1378				Length	mm	1378			
	Inches	54 1/4					Inches	54 1/4			
Width	mm	642				Width	mm	642			
	Inches	25 9/32					Inches	25 9/32			
Height	mm	300 - 360				Height	mm	300 - 560			
	Inches	11 13/16 - 14 11/64					Inches	11 13/16 - 22 3/64			
Frame Weight	kg	33				Frame Weight	kg	35			
	lbs	73					lbs	77			

		<p>Installation and application considerations should include health, safety and environmental needs, regulations and standards, codes of practice, climate conditions, installation location, product orientation, evaluation of the roof structure, composition, surface and condition, ancillary and complimentary products and materials. Big Foot Systems recommend that all rooftop products are handled and installed by suitably qualified persons. All scheme designs are based on the use of Big Foot Systems' products and materials only.</p> <p>Terms and conditions available on request</p>	<p>TITLE:</p> <p>HD Beam Product Specification Sheet</p>	
			<p>DWG No.</p> <p>BFT-HDB.dwg</p>	
<p>Ancillaries available include: B9306—HD Clamp; 2no clamps are included per HD Beam. B5104—HD mounting plate; available as a add-on if required.</p>			<p>THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF BIG FOOT SYSTEMS LIMITED</p>	