

Sure-Foot Modular Frame with 6 x Bases (Complete) – 300mm Base
 Product Code: SF300-F6-1.2

Frame Details

No. of Feet & Size	6 x 300mm ²
Area of Individual Foot (m ²)	0.09
Max. Potential O/A Footprint Length (m)	2.62
Max. Potential O/A Footprint Width (m)	1.35
Target Height Range	268-383mm
Frame Mass (Kg)	51.5
Frame Weight (kN)	0.5
Max. Frame Design Load (Kg)	1250
Max. Frame Design Load (kN)	12.3
Max. Strut Beam Deflection (mm)	6.0
Max. Frame Deflection (mm)	6.0

Example Scenario

Assume applied load 2400L x 1000W x 1200H – 1250Kg

Frame Performance & Technical Considerations

Foot Load Reaction (outside feet) (kN)	1.80
Foot Pressure (outside feet) (kN/m ²)	19.1
Foot Pressure (central feet – where applicable) (kN)	2.78
Foot Pressure (central feet – where applicable) (kN/m ²)	30.0
Global UDL (kN/m ²)	3.6
Wind Speed – Tipping (mph)	138
Wind Speed – Sliding (mph)* <i>assumes C.O.F of 0.5</i>	134

Sure-Foot Modular Frame with 6 x Bases (Complete) – 450mm Base
 Product Code: SF450-F6-1.2

Frame Details

No. of Feet & Size	6 x 450mm ²
Area of Individual Foot (m ²)	0.2
Max. Potential O/A Footprint Length (m)	2.77
Max. Potential O/A Footprint Width (m)	1.5
Target Height Range	268-383mm
Frame Mass (Kg)	61
Frame Weight (kN)	0.6
Max. Frame Design Load (Kg)	1400
Max. Frame Design Load (kN)	13.7
Max. Strut Beam Deflection (mm)	6.0
Max. Frame Deflection (mm)	6.0

Example Scenario

Assume applied load 2400L x 1000W x 1200H – 1400Kg

Frame Performance & Technical Considerations

Foot Load Reaction (outside feet) (kN)	1.82
Foot Pressure (outside feet) (kN/m ²)	9.2
Foot Pressure (central feet – where applicable) (kN)	3.53
Foot Pressure (central feet – where applicable) (kN/m ²)	16.9
Global UDL (kN/m ²)	3.4
Wind Speed – Tipping (mph)	147
Wind Speed – Sliding (mph)* assumes C.O.F of 0.5	142

Disclaimer

The Company pursues a policy of constant product development and information contained in this publication is therefore subject to change without notice. The customer is responsible for ensuring that each product is fit for its intended purpose and that the conditions for use are suitable. All quoted data is nominal and subject to production tolerances.