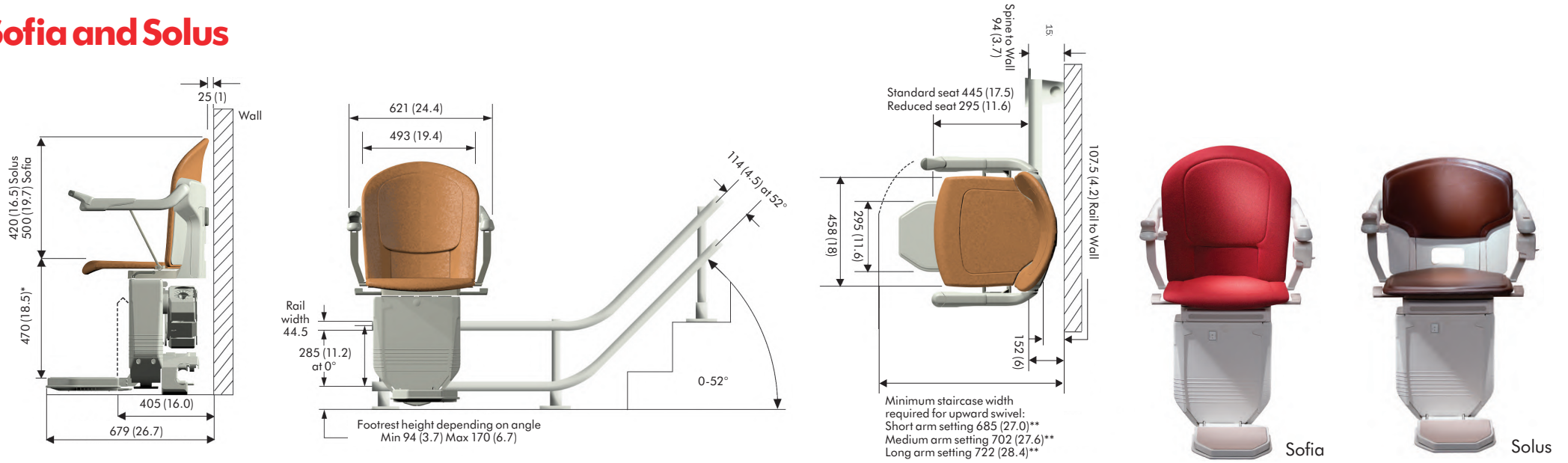
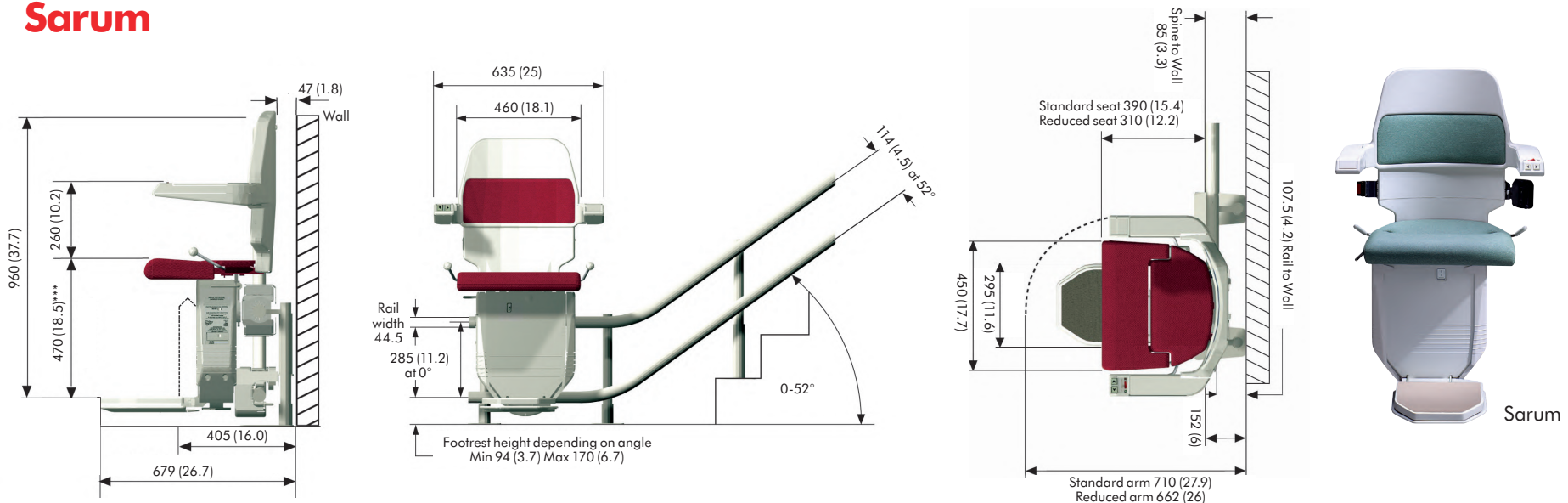


# Curved stair range

## Sofia and Solus



## Sarum



Measurements are in millimetres. Measurements in brackets are inches. All product dimensions are accurate, however, you should add approximately 30mm on dimensions that require clearance for the user, such as the minimum swivel width dimension.

\*Applicable to Sofia and Solus chair only. If a two-way powered swivel is fitted, the following measurements differ: Seat height 525 (20.7)  
 \*\*Minimum staircase width required for downward swivel: Short arm setting 704 (27.7) Medium arm setting 724 (28.5) Long arm setting 747 (29.4)  
 \*\*\* Seat height increases by 55mm (2.2) when a powered swivel seat is selected

## Sofia and Solus

<b>Seat</b>	
Seat Type	Armchair seat – swivels to face landing
Materials	Steel frame, with flame retardant upholstery
Armrests	Two sturdy armrests with soft polyurethane upper surface adjustable by engineer
Switches	One removable 'on/off' key cap at the end of arm. Light-touch tiller-style control for up/down operation. Battery isolator switch mounted on front of carriage
Load	52° 120kg (approx 19 stone)
Swivel Control	Manual operation via lift up levers Powered operation via tiller control
<b>Footrest</b>	
Construction	Cast aluminium alloy
Finish	Epoxy powder-coated with a plastic safety edge
Carpet	Pile with latex back, conforms to BS4790
Safety	Safety pads operate safety switches in direction of travel
One-step folding	Powered by lifting the seat. Arms and footrest raise automatically

## Sarum

<b>Seat</b>	
Seat Type	Armchair seat – swivels to face landing
Materials	Steel frame, with flame retardant upholstery
Armrests	Two sturdy hinged armrests with soft polyurethane upper surface. One housing directional controls and 'on/off' rocker switch
Switches	One removable 'on/off' key under arm. Light-touch push buttons as standard (optional joystick). 'On/off' rocker switch on arm. Battery isolator switch mounted on front of carriage
Load	52° 120kg (approx 19 stone)
Swivel Control	Manual operation via push down levers. Powered operation via push buttons or joystick control
<b>Footrest</b>	
Construction	Cast aluminium alloy
Finish	Epoxy powder-coated with a plastic safety edge
Carpet	Pile with latex back, conforms to BS4790
Safety	Safety pads operate safety switches in direction of travel
Folding	Lever operated

## Sofia, Solus and Sarum

<b>Rail</b>	
Construction	Two steel tubes, one above the other, tailored to suit individual staircases
Finish	Epoxy powder-coated
Fixing	Legs with base-plate, screwed to floor and staircase, shrouded
Min Length of Rail	1.5 metres
Max Length of Rail	Drawing office to advise
Rail Section Size	44.5mm diameter (each tube)
Normal distance of Rail from Wall	130mm to centre of tubes on straight run
Min. Stair Nose to rail	73mm to bottom of lower tube
Rail Overhang at top	Min: 0mm. Max: to suit customer requirements
Rail wiring	Inside tube section
Drive Method	Rack-and-pinion mounted on lower tube
Rail Spacing	Min: 114mm (52° incline) Max: 285mm (horizontal)
Max Rail Incline	52°

<b>Carriage</b>	
Construction	Steel fabrication
Finish	Plastic mouldings
Motor	DC powered, 0.26 kW
Start	Cushioned start/stop
Speed	0.12 m/s. Speed slows to travel around inside bends
Electronics	Microprocessor control unit
Safety Features	Overspeed governor stops stairlift at 0.3m/s max. Safety pads operate safety switches located around carriage. Stairlift works in event of power cuts
Servicing	Annually
Batteries (Carriage)	2 x 12V - 7 Ah Standard - 12 Ah Heavy usage
Noise Level (dBA)	Maximum operating level, 70 dBA

<b>Other fittings</b>	
Wall Controls	Surface-mounted remote control at top and bottom of stairs has light-touch 'up/down' switches. Powered by 3x AAA batteries
Charge Unit	Wall or floor mounted, Input 100-240V, AC 50/60HZ, Output 24V DC 750mA, two stage unit

Our company policy is one of continuing product improvement. We therefore reserve the right to alter the product specifications and to change and improve design at any time. Reconditioned products may have different specifications than those illustrated depending on availability. Full operating instructions are supplied for all products. Stannah is a registered trademark. The CE mark indicates that this product complies with the applicable European directives which relate to health, safety, environment and consumer protection. Stannah Stairlifts Limited has been accredited to ISO9001:2008 since 2009. An example of this product has been independently tested and approved. As with any other lift on whose reliability and safety you rely, we recommend that your Stannah stairlift is serviced annually by a trained engineer.



**Hinged Rail**  
If the stairlift rail obstructs your hallway, the stairlift can be fitted with an automatic hinged rail which folds up out of the way.

Visit our website at [stannahstairlifts.co.uk](http://stannahstairlifts.co.uk)  
Stannah, Watt Close, East Portway,  
Andover, Hampshire SP10 3SD  
Tel: 0800 715358  
Fax: (01264) 338043

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