Better by design
The Stannah range for curved stairs

Sarum

Sofia

Solus

All dimensions measured from the wall are nominal. The addition of a wide stringer or similar obstruction may affect the dimensions taken from this point. Measurements are in millimetres. Measurements in brackets are inches.

*Two-way powered swivel model is 55mm higher than the manual version shown.
### Solus and Sofia

**SEAT**
- **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 Operation:** Manual operation via lift up levers
- **FOOTREST**
  - **Construction:** Cast aluminium alloy
  - **Finish:** Epoxy powder-coated ABS plastic safety edge
  - **Carpet:** Pile with latex back, conforms to BS4790
  - **Safety:** Safety pads operate safety switches in direction of travel
  - **Folding:** Powered by lifting the seat. One step folding, arm and footrest together

### Sarum

**SEAT**
- **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 adjustable by engineer
- **Switches:** One removable ‘on/off’ key under arm. Light-touch up/down buttons as standard (optional joystick). ‘On/off’ rocker switch on arm. Battery isolator switch mounted on front of carriage
- **Load:**
  - Up to 42°: 160kg (approx 25 stone)
  - 42°~49°: 135kg (approx 21 stone)
  - 49°~52°: 120kg (approx 19 stone)
- **Swivel Operation:** Manual operation via push down levers. Powered operation via up/down buttons or joystick at top of stairs

### Sarum, Solus and Sofia

**RAIL**
- **Construction:** Two steel tubes, one above the other, tailored to suit individual staircases
- **Finish:** Epoxy powder-coated to match carriage
- **Fixing:** Legs with base-plate, screwed to floor and staircase, shrouded
- **Min. Length of Rail:** 1.5m
- **Max. Length of Rail:** Drawing office to advise
- **Nominal 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°

### CARRIAGE
- **Construction:** Steel fabrication
- **Finish:** Epoxy powder-coated to match rail
- **Motor:** DC powered, 0.26 kW
- **Start:** Cushioned start/stop
- **Speed:** 0.12 m/s. Speed slows to travel around any inside bends
- **Electronics:** Microprocessor control unit
- **Servicing:** BS requirement is annually
- **Safety Features:** Overspeed governor stops carriage at 0.3 m/s max. RMU fitted as standard. Safety pads operate safety switches located around carriage. Stairlift operates in the event of power cuts
- **Batteries (Carriage):**
  - Standard - 12 Ah
  - Heavy usage - 2 x 12V - 7 Ah
- **Noise level (dBA):**
  - Maximum operating level, 70 dBA

### OTHER FITTINGS
- **Remote Control:**
  - 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, 24V two stage unit