

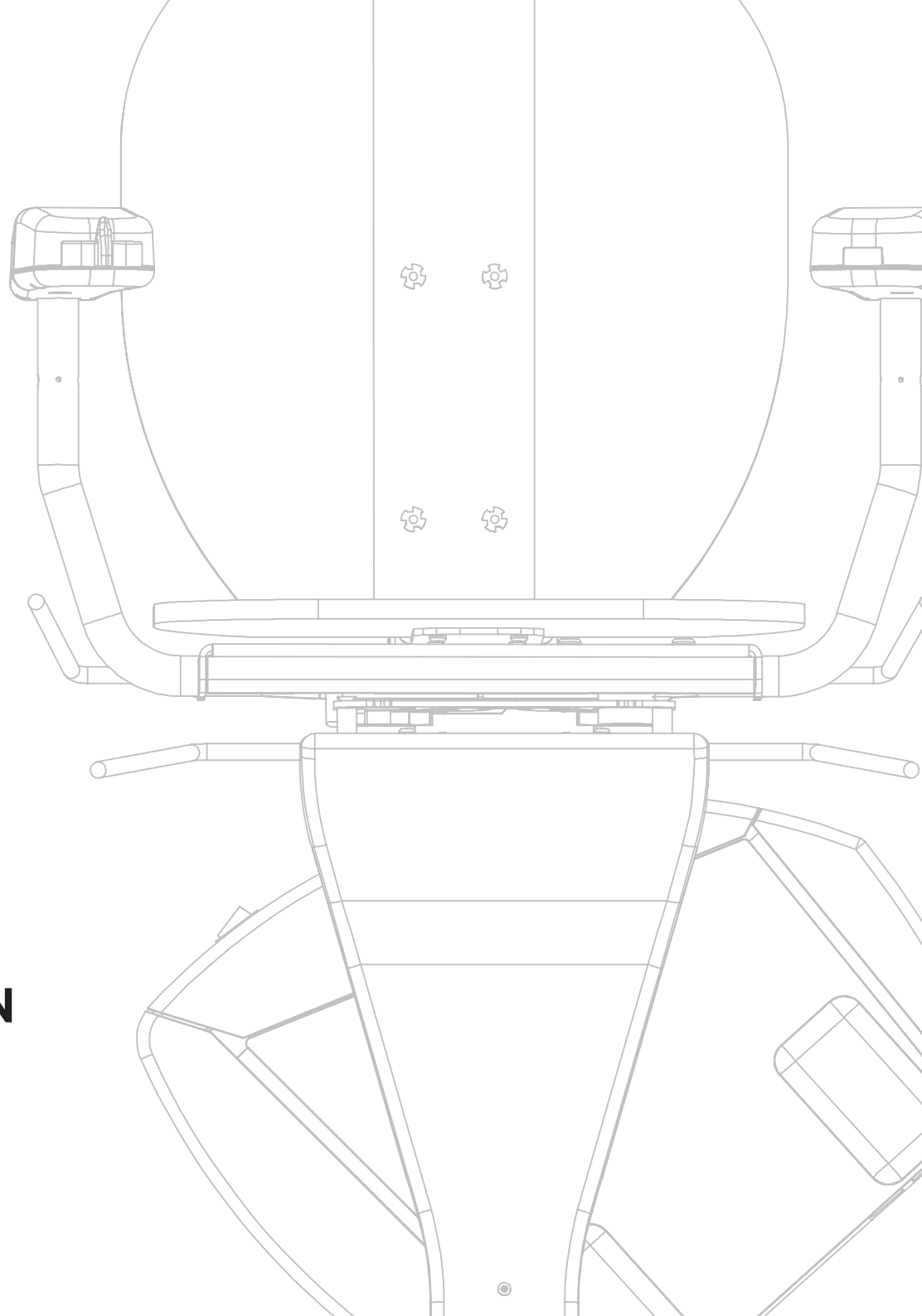


BESPOKE
STAIRLIFTS LTD.

SYNERGY

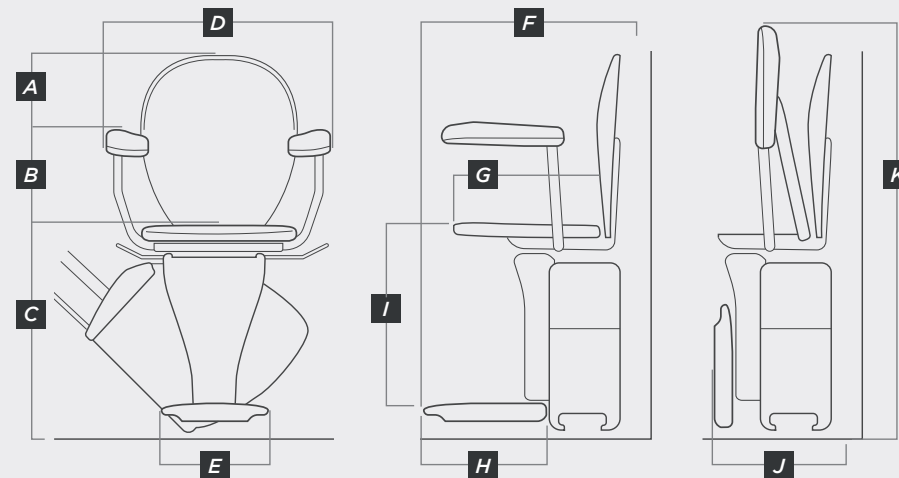
TECHNICAL INFORMATION

January 2025





A	Total height (from floor)	970mm
B	Height of arms (from floor)	750mm
C	Seat height (from floor)	530mm
D	Total width	575mm
E	Width of footrest	252mm
F	Total depth (from wall)	565mm
G	Seat depth (to backrest)	380mm
H	Depth of footrest	315mm
I	Footrest to seat	451mm
J	Total depth (folded)	295mm
K	Total height (folded)	980mm



Power Supply: Input 120v-240v
Output 1.2Ah
Battery: 2x 12v
Rail Drive: Rack & Pinion
Max. seat rotation: 80°
Max user weight: 125kg (19.5 stone)

**Minimum required
staircase width:**
SEE BTK CHART

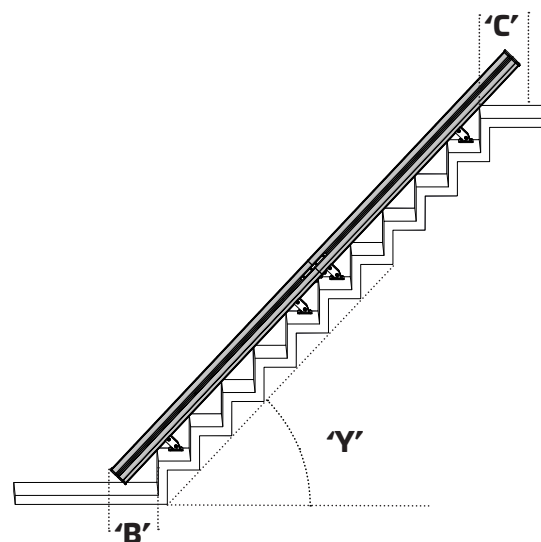
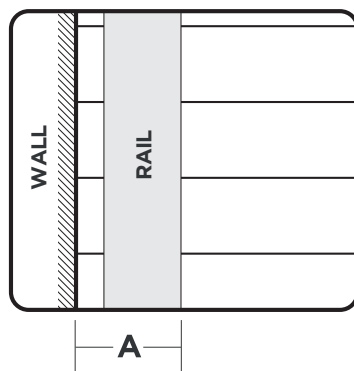
**Minimum required
parking space:**
560mm

Minimum stair angle:
15°

Maximum stair angle:
52°

Rail positioning

A = 160mm min

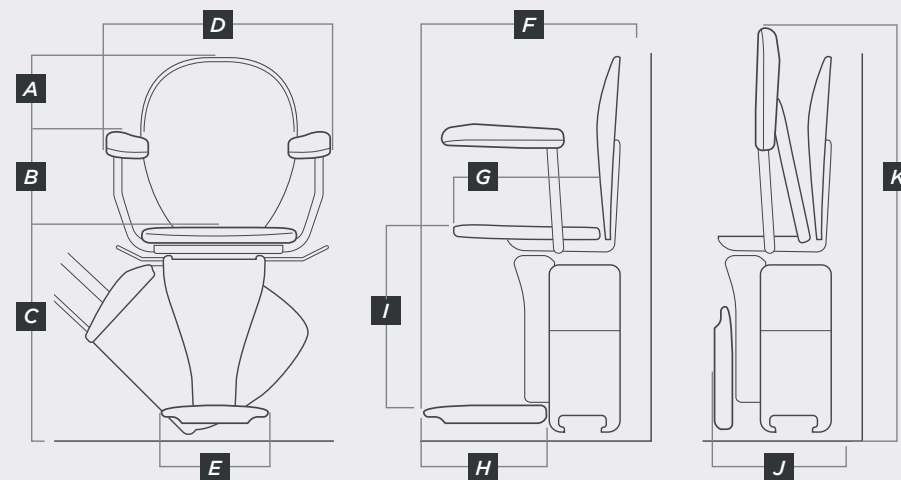


Top and bottom Synergy rail protrusions

Y°	B	C	Y°	B	C	Y°	B	C
15°	687	124	28°	385	150	41°	277	160
16°	646	126	29°	373	151	42°	272	160
17°	610	129	30°	362	152	43°	266	160
18°	578	131	31°	352	154	44°	261	160
19°	549	133	32°	342	155	45°	256	160
20°	523	135	33°	333	156	46°	252	160
21°	500	137	34°	325	156	47°	247	159
22°	479	139	35°	317	157	48°	243	159
23°	460	141	36°	309	158	49°	239	159
24°	442	143	37°	302	159	50°	235	158
25°	426	145	38°	295	159	51°	231	157
26°	411	147	39°	289	160	52°	227	156
27°	398	148	40°	283	160			



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MINIMUM STAIRCASE WIDTH (mm)

	660	670	680	690	700	710	720	730	740	750	760	770	780	790	800
550	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
560	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
570	X	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
580	X	X	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
590	X	X	X	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
600	X	X	X	X	●	●	✓	✓	✓	✓	✓	✓	✓	✓	✓
610	X	X	X	X	X	●	●	✓	✓	✓	✓	✓	✓	✓	✓
620	X	X	X	X	X	X	●	●	✓	✓	✓	✓	✓	✓	✓
630	X	X	X	X	X	X	X	●	●	✓	✓	✓	✓	✓	✓
640	X	X	X	X	X	X	X	X	●	●	✓	✓	✓	✓	✓
650	X	X	X	X	X	X	X	X	X	●	●	✓	✓	✓	✓
660	X	X	X	X	X	X	X	X	X	X	●	●	✓	✓	✓
670	X	X	X	X	X	X	X	X	X	X	X	●	●	✓	✓
680	X	X	X	X	X	X	X	X	X	X	X	X	●	●	✓
690	X	X	X	X	X	X	X	X	X	X	X	X	X	●	●
700	X	X	X	X	X	X	X	X	X	X	X	X	X	X	●
710	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
720	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
730	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

● Further Assessment Required