



User Manual Brookfield

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1.0 SAFETY INSTRUCTIONS AND WARNINGS

1.1 Introduction

The information in this manual is important to your safety.



Please read and understand this manual in its entirety before using your Brookfield chair.

**If you require larger print or videos – these are available on the Smirthwaite website:
www.smirthwaite.co.uk/product/Brookfield-chair/**

The information in this manual is important for the safety of anyone near the Brookfield chair and must be read and understood to help prevent injuries. It is also crucial to the proper operation and maintenance of the Brookfield chair.

Store this manual with the documents included with the chair. The Brookfield chair is designed to be used in conjunction with approved accessories. Please refer to any user guides supplied with these components while reviewing this manual.

Contents of this manual are subject to change without prior notice.



Unauthorised modifications on any Smirthwaite product may affect its safety. The manufacturer will not be held responsible for any accident, incident or deficiencies of performance that occur as a result of any unauthorised modification to its products.

1.2 Service and Support

To ensure the safety and continued good function of your product, routine service must be performed on your Brookfield chair.

For further details, see section 7.0 'General Inspection and Maintenance'

As well as inspections and simple checks completed by the user, every 3 years a service must be completed by Smirthwaite Ltd. authorised trained service staff.

















Contact your local authorised Smirthwaite dealer if you:

- Need more information.
- Have any questions about the use or maintenance of your Brookfield chair.
- Notice any change in the performance of your chair.
- Want to report an unexpected occurrence.
- Want to arrange a service.

Contact details of your local Smirthwaite dealer are shown on the last page of this manual.

SAFETY INSTRUCTIONS AND WARNINGS

1.3 Symbols Used

	Consult instructions before use		Caution
	Class II Equipment - electrical equipment in which protection against electric shock does not rely on basic insulation only	SWL	Safe Working Load represents the maximum load rated for safe operation
	Manufacturer		Date of manufacture
	Packaging indicator – This way up		Packaging indicator – Keep dry
	Serial number		For internal use only
	Please observe local laws on recycling	IP_{N₁}N₂	Degree of protection provided by enclosure. N ₁ : Ingress of particles N ₂ : Ingress of water
	Temperature range		Humidity range
	Type 'B' applied part		Type 'BF' applied part
	Medical Device		Authorised representative in the European Community

1.4 Contraindications/Limitations

There are no known “contraindications” associated with the usage of the Brookfield chair and its accessories, provided they are used as per manufacturer’s recommendations and guidelines.

Smirthwaite Ltd. does not recommend a required number of care givers for the use of our products. This information and recommendation can only be provided after a thorough

SAFETY INSTRUCTIONS AND WARNINGS

personalized, case specific assessment, as there are many factors that can influence these decisions.

1.5 Intended Use



For internal use only.

Intended to provide postural support.

1.5.1 Intended User

The Brookfield has been designed for use by a child's carer, therapist, and/or teaching staff who will maintain and clean the chair as per the recommended guidelines in section 7.2 'Cleaning'. Under their care, they will be responsible for helping the child in and out of the seat and their safety when sitting in the Brookfield.

The Brookfield is designed to be checked and adjusted by a therapist to ensure the child is seated correctly.



1.6 Chair Operating Environment

The Brookfield chair is suitable for use within the professional health care facility environment as well as the home health care environment.

The chair is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity during intended use.

Based on research conducted during the concept stage, the following statements apply. See Usability Technical File.

The Brookfield is intended for indoor use only; the normal operating conditions are as follows:

- A. Temperature: 41°F to 86°F (+5°C to 40°C)
- B. Relative Humidity: 15 to 90%, non-condensing, but not requiring a water vapour pressure greater than 50hPa.
- C. Atmospheric Pressure: 700hPa to 1060hPa.
- D. Ambient luminance 50 – 500 lux.
- E. Viewing distance: 0 metre to 1.5 metre

1.6.1 Frequency of use:

The Brookfield can be used without any frequency restrictions.

1.7 Vicinity to Other Equipment

Use of this equipment stacked with other equipment should be avoided, unless the equipment is an approved accessory.

Contact your local authorised dealer if assistance is required – contact details on the last page of this manual.

1.8 Incident Reporting

If, during the use of this device or as a result of its use a serious incident has occurred, please report it to the manufacturer and the competent authority of the member state in which the user and/or patient is established.

1.9 Additional Warnings and Safety Notices

- The user should NOT be left unattended whilst in the chair. Always ensure a responsible therapist or carer is in attendance.
- If you believe the chair or any fitted accessory to be faulty at any time, **DO NOT USE** – contact Smirthwaite Ltd. by telephone on +44 (0)1626 835552
- The therapist should be familiar with the methods of adjustment and have completed all adjustments appropriately to meet the needs of the child before transferring the child onto the chair.
- The chair is **ONLY** to be used indoors on a flat level surface.
- Do not exceed user maximum weight limits. Refer to section 1.5 'Intended Use'.
- Always fasten the pelvic strap and any other straps provided with the chair.
- Regular maintenance checks and cleaning are essential for the safe use of this equipment. Refer to section 7.0 'General Inspection and Maintenance'.
- Always keep this product away from naked flames, cigarettes and sources of heat including open fireplaces, radiators, heaters.
- **DO NOT** fit parts or accessories of other manufacturers to this product unless authorised to do so in writing by Smirthwaite Ltd. Failure to follow these instructions will not only invalidate the guarantee but could make the chair dangerous to use.
- Smirthwaite Ltd will not accept liability for any injury or damage incurred through such malpractices. Any repairs required must be carried out by Smirthwaite Ltd authorised personnel.
- Lap straps and harnesses must be appropriate and safe for the user and the users clothing. Lap straps and harnesses must be checked every time the chair is used to ensure they are fitted as prescribed by the clinician, take account of the users clothing and are tightened so that the user cannot sustain injury. Checking the fit of lap straps and harnesses must be done with the user in the chair and should be undertaken as soon as the users sits in the chair.

2.0 COMPONENTS/KEY PARTS

2.1 Key Parts

When delivered, the chair will be supplied fully assembled except for the attachment of any special accessories ordered. Export orders may require the chair to be fully assembled, which takes approximately 2 minutes. If in any doubt, always seek advice. Always turn hand wheels, levers and screws clockwise to tighten or anti-clockwise to loosen. Conveniently packaged in a single box (Figure 1) the following components are included with your new Brookfield chair (Table 1 and Figure 1):

Item	Description
1	Contoured Seat
2	Backrest
3	Armrest
4	Leg Outrigger
5	Pelvic Lap Strap

Table 1

Please see above to familiarise yourself with the components of the Brookfield chair. The image above shows the key components of the Brookfield chair. If you have not received all the components contact your local Smirthwaite dealer immediately – contact details are provided on the last page of this manual.



Figure 1

If your order has been supplied as a custom kit, please ensure you follow both the instructions documented in this document and any additional instructions supplied. Please take note of any instructions on the packaging/box when unpacking. Once the chair has been carefully unpacked, please check all parts.

2.2 Brookfield Configurations

Smirthwaite Ltd. will document and maintain a record of the original product configuration at the time of first sale. Smirthwaite Ltd. will not be held responsible for any subsequent changes to this configuration unless authorized to do so in writing by Smirthwaite Ltd.

It is the equipment owner's responsibility to maintain their own records of changes to the equipment configuration and to be able to provide such records to subsequent owners to maintain traceability.

We recommend an inspection/service by a Smirthwaite Ltd. Service Engineer (or Smirthwaite Ltd. trained engineer) whenever a significant change is made to product configuration to ensure the product is safe to use. If in any doubt, ALWAYS seek ADVICE.

2.3 Packaging

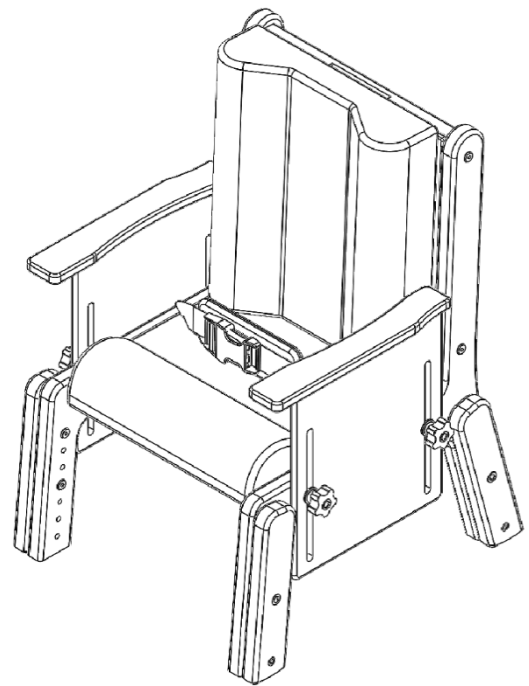
- When delivered, the chair will be supplied fully assembled except for the attachment of any special accessories ordered.
- If your order has been supplied as a custom kit, please ensure you follow both the instructions documented in this IFU **and** any additional instructions supplied.
- Please take note of any instructions on the packaging/box when unpacking.
- Once the chair has been carefully unpacked, please check all parts.

3.0 INSTALLATION

When delivered, the chair will be supplied fully assembled except for the attachment of any special accessories ordered. Always turn hand wheels, levers and screws clockwise to tighten or anti-clockwise to loosen.

3.1 Adjustments

Adjustments can be made to the seat; depth, seat height and back height



3.1.1 Seat Depth

To move seat forwards or backwards

- Loosen handwheels (Ref. 1 of Figure 2)
- Slide seat to desired position. (Ref. 2 of Figure 3)
- Allow 25mm gap between the back of knee and the edge of the seat.
- Tighten handwheels (Ref. 1 of Figure 2) when the seat depth is set to the desired position.

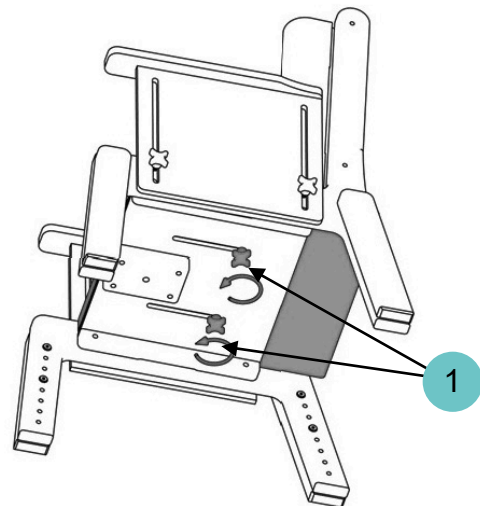


Figure 2

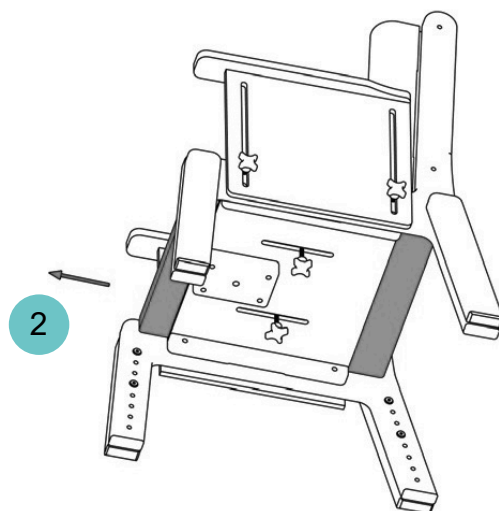


Figure 3

3.1.2 Seat Height

- To adjust the seat height, reposition the leg outriggers (Ref. 3 of Figure 4) using the tool provided for this purpose.
- There are 2 screws per leg.
- Ensure all leg outriggers are set to the same height.
- Ensure the screws are re-inserted and tightened when the desired height is achieved.
- Check the chair for stability on a level surface before use.

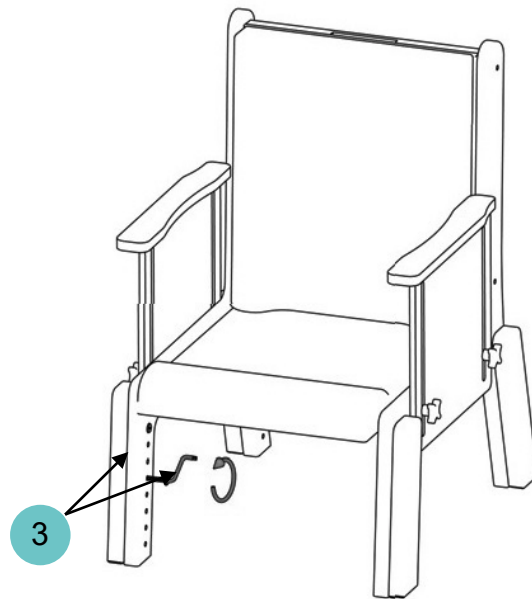


Figure 4

3.1.3 Back Height

To adjust the height position of the back cushion.

- Loosen handwheels (Ref. 4 of Figure 5)
- Slide back cushion to desired position (Ref. 5 of Figure 6)
- Tighten handwheels (Ref. 4 of Figure 5) when the back cushion is set to the desired position

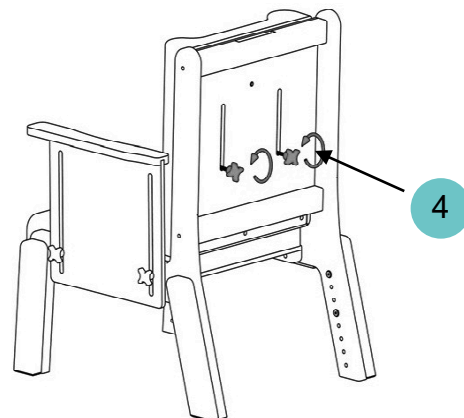


Figure 5

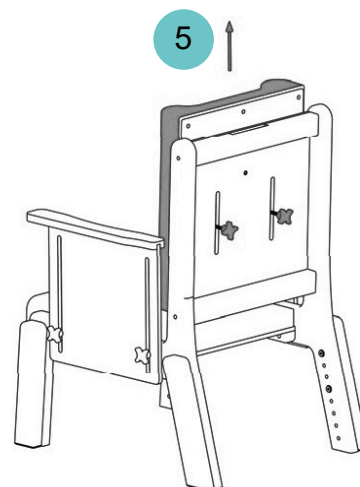


Figure 6

3.1.4 Armrest Height Adjustment

To adjust the height of the armrest

- Loosen handwheels (Ref. 6 of Figure 7).
- Slide armrest to desired position. (Ref. 7 of Figure 8)
- Tighten handwheels (Ref. 6 of Figure 7) when the armrest is set.
- Repeat for both armrests.
- Armrests can be lowered to minimum setting to facilitate side transfer of child into the seat.

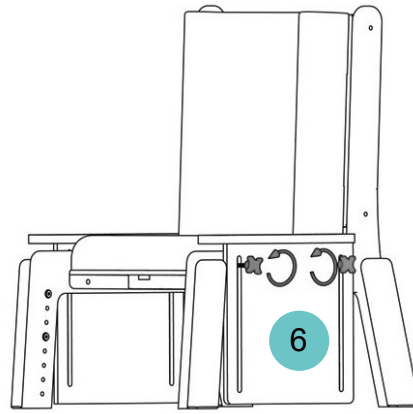


Figure 7

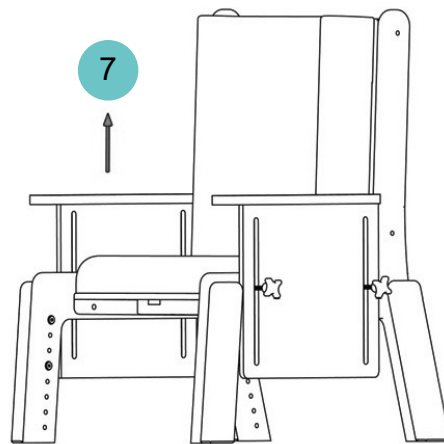


Figure 8

3.1.5 Pelvic Straps

The operation of the buckles, cam-locks and tri-glides can be found below.

3.1.5.1 Pelvic Straps

- Feed the two ends of the strap between the back and the base of the chair.
- Then feed the ends through the two cam-locks located underneath the base of the chair, towards the back (Ref. 8 of Figure 9).
- Secure the strap in the cam-locks ensuring you can fit two fingers between the strap and the user.



Figure 9

3.1.5.2 4-Point Pelvic Strap

- Feed the lower, shorter ends of the strap through the two slots in the base.
- Then feed these ends through the relevant cam-locks located underneath the base (Ref. 10 of Figure 10).
- Pull the upper, longer ends of the strap between the back and base of the chair.
- Feed these ends through the cam-locks located on the lower back of the chair (Ref. 11 of Figure 10).
- Secure the strap in the cam-locks ensuring you can fit two fingers between the strap and the user.

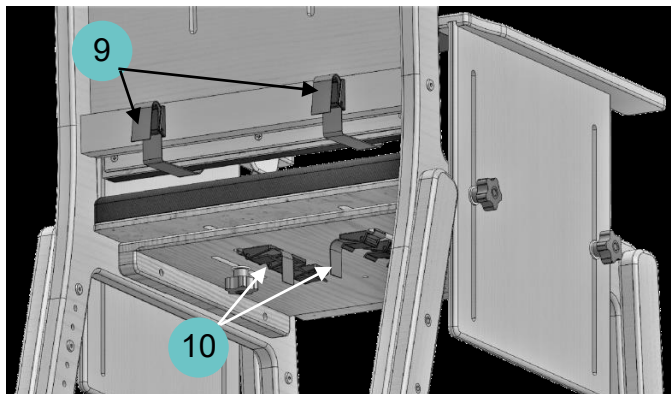


Figure 10

3.1.5.3 Strap Operation

Buckle Strap (Standard)

- The buckle is secured by pushing (Ref. 11 of Figure 11) into (Ref. 12 of Figure 11).
- To release the buckle, press both sides of (Ref. 11 of Figure 11).

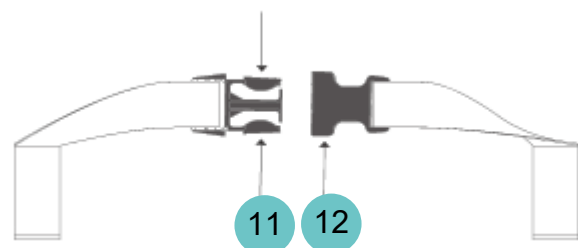
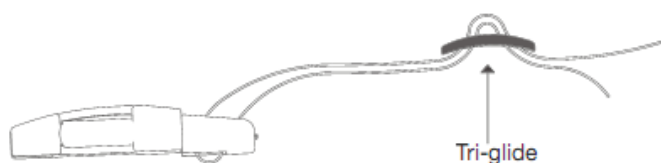


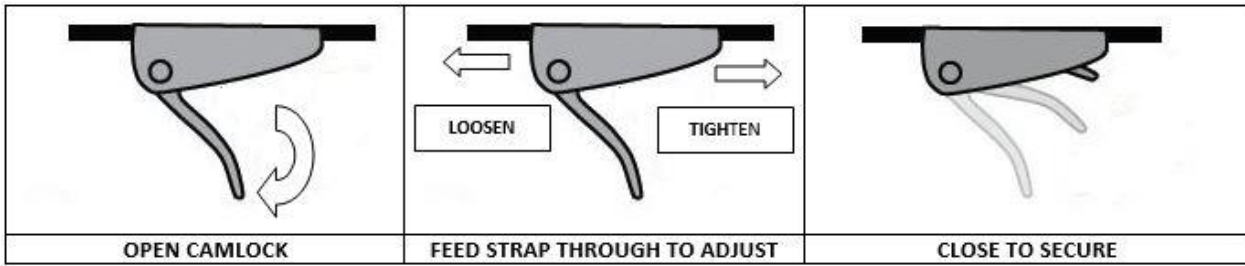
Figure 11

Strap Length

The length of the straps can be altered by adjusting the amount of the strap that is fed through the cam-locks and tri-glides (if applicable). See diagrams across and below.

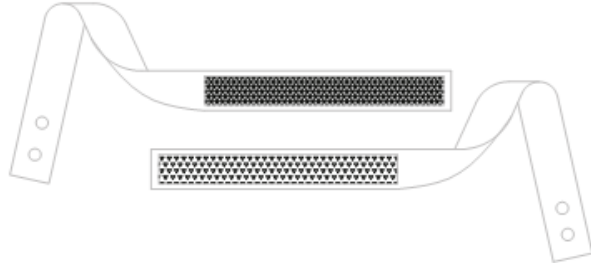


INSTALLATION



3.1.6 Velcro Strap

- The strap is secured by pressing the two Velcro sections together and is released by pulling the sections apart.
- When Velcro straps are used, the Velcro should overlap by at least 75mm (3 inches)



3.1.7 Replacement Straps

- To replace the straps, open the cam-locks and pull the straps away from the chair.

4.0 COMPATIBLE ACCESSORIES

The Brookfield chair comes with a variety of compatible accessories. These accessories and part codes are listed below (Table 2);

Accessories	Size 0 CODE	Size 1 CODE	Size 2 CODE	Size 3 CODE	Size 4 CODE
ski & half footrest	SK007	SK008	SK009	SK010	SK011
ski & full footrest	SK018	SK019	SK020	SK021	SK022
reversible footboard	FB001	FB002	FB003	FB004	FB005
adjustable footrest	FR001	FR002	FR003	FR004	FR004
folding footrest	FR014	FR015	FR016	FR017	FR017
footplate and straps	FP002	FP003	FP004	FP005	FP005
independent adjustable footrest	4187	4187	4187	4187	4187
mobile dolly base	DL001	DL002	DL003	DL004	DL005
minimum raise mobile base		MB001	MB002	MB003	MB004
kicking board	KB006	KB007	KB008	KB009	KB009
knee blocks	KN001	KN001	KN001	KN001	KN001
independent adjustable split seat #		SE021	SE022	SE023	SE024
pommel	PL013	PL010	PL010	PL012	PL012
4 point midline pelvic strap #		HN070	HN071	HN072	HN073
wooden tray	TR072	TR073	TR074	TR005	TR005
wooden tray with wing cutouts		TR008	TR009	TR010	TR010
Quick release tray	TR102	TR103	TR104		
tray handrail full width	HR001	HR002	HR002	HR003	HR003
tray handrail half width	HR004	HR004	HR004	HR004	HR004
quick fix lateral supports (flexi)		WG001	WG002	WG003	WG003
quick fix lateral support wings (fixed)		WG004	WG005	WG006	WG006
quick fix pelvic supports		WG007	WG007	WG007	WG007
strap for lateral wings (buckle fixing)		ST020	ST021	ST022	ST022
strap for lateral wings (velcro fixing)		ST046	ST047	ST048	ST049
brookfield swing away lateral flexi		HN069	HNB001	HNB002	HNB003
brookfield swing away lateral fixed		HNB004	HNB005	HNB006	HNB007
25mm spacers to reduced depth. low back #	BK001	BK003	BK005	BK007	BK009
25mm spacers to reduced depth. high back #	BK002	BK004	BK006	BK008	BK010
lumbar pad for moulded back	PD007	PD008	PD009	PD010	PD010
lumbar pad for flat back	PD002	PD003	PD004	PD005	PD005
sacral pad for moulded back	PD018	PD019	PD020	PD021	PD021
sacral pad for flat back	PD013	PD014	PD015	PD016	PD016
backrest extension support	HT006	HT007	HT008	HT010	HT010
headrest fully adjustable	HT001	HT002	HT003	HT005	HT005
low moulded t-shaped back		BK059	BK061	BK063	BK065
high moulded t-shaped back		BK060	BK062	BK064	BK066
low flat t-shaped back		BK067	BK069	BK071	BK073
high flat t-shaped back		BK068	BK070	BK072	BK074
low fully adjustable back		BK083	BK085	BK087	BK089

COMPATIBLE ACCESSORIES

high fully adjustable back		BK084	BK086	BK088	BK090
low moulded back with cut-out lateral supports		BK019	BK021	BK023	BK025
high moulded back with cut-out lateral supports		BK020	BK022	BK024	BK026
low flat back with cut-out for lateral supports		BK035	BK037	BK039	BK041
high flat back with cut-out for lateral supports		BK036	BK038	BK040	BK042
four point harness	HN002	HN003	HN003	HN004	HN004
waistcoat harness - small	HN009	HN009	HN009		
waistcoat harness - medium			HN010	HN010	
waistcoat harness - large				HN011	HN011
groin harness	HN039	HN040	HN040	HN041	HN041
adjustable height push handle (low back)	PH016	PH018	PH020	PH022	PH024
adjustable height push handle (high back)	PH017	PH019	PH021	PH023	PH025
fixed height push handle	PH030	PH031	PH032	PH033	PH033
4 glisdomes complete with screws	GD001	GD001	GD001	GD001	GD001
4 mobile legs with 75mm castors	LG001	LG002	LG003	LG004	LG005
25mm pelvic cushions (pair)	CS005	CS006	CS007	CS008	CS009
38mm pelvic cushions (pair)	CS014	CS015	CS016	CS017	CS018
50mm pelvic cushions (pair)	CS023	CS024	CS025	CS026	CS027
62mm pelvic cushions (pair)	CS032	CS033	CS034	CS035	CS036
75mm pelvic cushions (pair)	CS041	CS042	CS043	CS044	CS045
25+25mm pelvic cushions (pair)	CS050	CS051	CS052	CS053	CS054
38+25mm pelvic cushions (pair)	CS231	CS232	CS233	CS234	CS235
50+25mm pelvic cushions (pair)	CS077	CS078	CS079	CS080	CS081
62+25mm pelvic cushions (pair)	CS086	CS087	CS088	CS089	CS090
75x50mm pelvic wedge (pair)	CS095	CS096	CS097	CS098	CS099
75x62mm pelvic wedge (pair)	CS104	CS105	CS106	CS107	CS108
75x75mm pelvic wedge (pair)	CS113	CS114	CS115	CS116	CS117
75x100mm pelvic wedge (pair)	CS122	CS123	CS124	CS125	CS126

Table 2

4.1 Ski & Half/Full Footrest

- The footrest and skis are attached to the chair by four screws provided.
- The screws fit into the chair outriggers on each side of the chair (*Ref. 14 of Figure 13*)
- The height and angle can be adjusted by loosening the handwheels (*Ref. 13 of Figure 12*) on each side, and then positioning the footrest to desired setting.
- Tighten (*Ref. 13 of Figure 12*) before use.

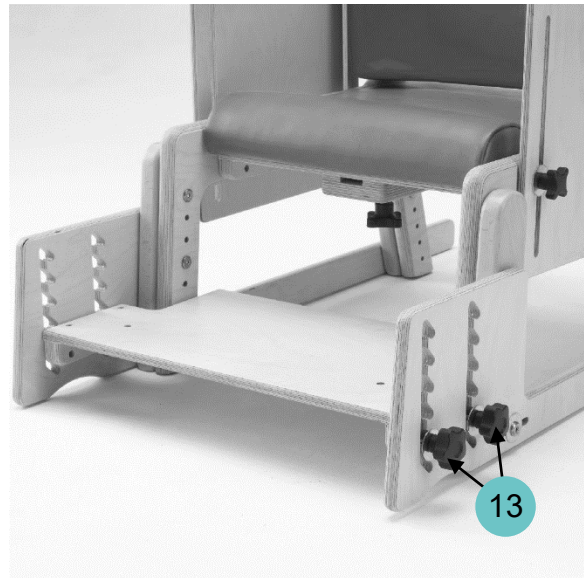


Figure 12

4.2 Reversible Footboard

- The footboard and skis are attached to the chair by four screws provided.
- The screws fit into the chair outriggers on each side of the chair (*Ref. 14 of Figure 13*)
- The footboard can be reversed by removing four screws (*Ref. 14 of Figure 13*), rotating the complete board and ski assembly and reattaching.
- Ensure all screws are tight before use.

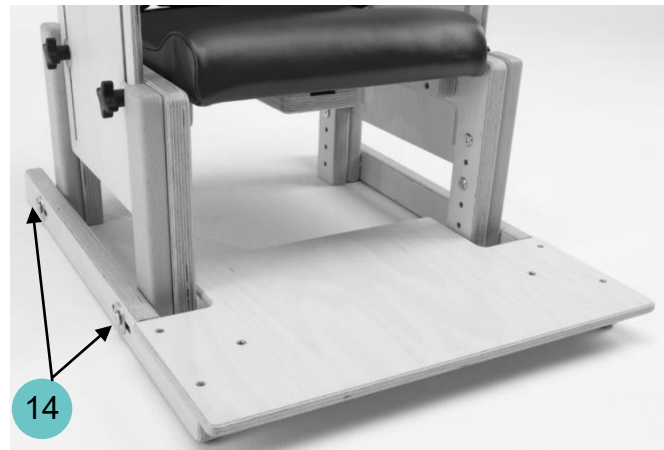


Figure 13

4.3 Adjustable Footrest

- The footrest is attached to the chair by sliding the chair front legs between the two battens on the footrest sides and then fixing with the screws provided.
- The height and angle can be adjusted by loosening the handwheels (*Ref. 13 of Figure 12*) on each side, and then positioning the footrest to desired setting.
- Tighten (*Ref. 13 of Figure 12*) before use.

4.4 Folding Footrest

- The height of the folding footrest can be adjusted by first loosening the two handwheels located on the back of the kicking board (Ref 15 of Figure 14)
- Slide the footrest to the desired height and lock in place by tightening the same handwheels.
- The footrests can also be rotated to the side by lifting up from the middle of the seat.

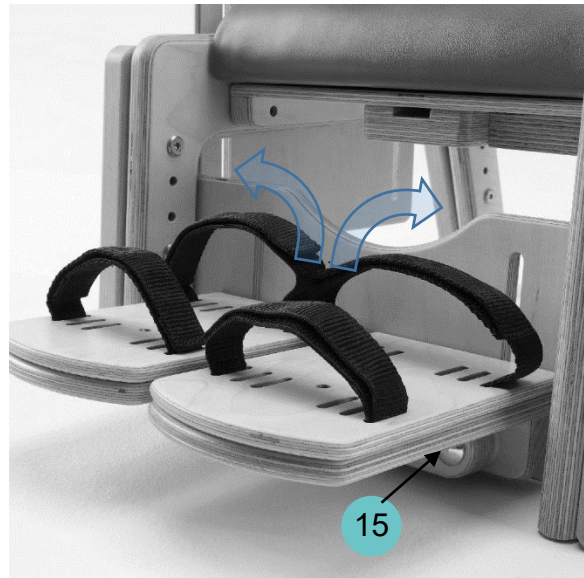


Figure 14

4.5 Footplate & Straps

- The straps (Ref. 16 of Figure 15) are fastened with Velcro and can be undone by pulling apart
- Straps can then be moved to any available slot to suit.
- The distance from the chair can also be altered by loosening the two bolts on either side of the footplate (Ref. 17 of Figure 15) with a 4mm hex key.
- Slide the footplate to the desired positions and secure by tightening the bolts.

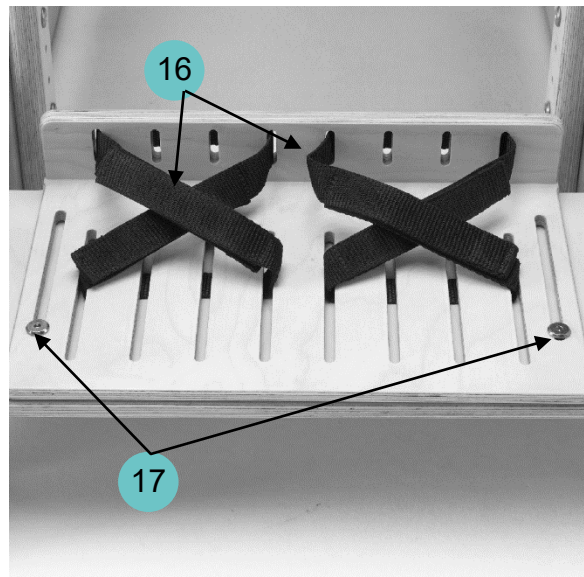


Figure 15

*Must be used with one of the following;

Reversible Footboard

Ski & Half Footrest

Ski & Full Footrest

Adjustable Footrest

Mobile Dolly Base

Minimum Raise Mobile Base

4.6 Independent Adjustable Footrest

- Loosen all the handwheels (Ref. 18 of Figure 16). There are two each side.
- Move the footboard to the desired height and angle.
- Secure in place by tightening all the handwheels.



Figure 16

4.7 Mobile Dolly Base

- Position the back legs of the chair to the rear blocks on the dolly.
- Secure all four legs using the screws provided with the dolly accessory pack (Ref. 15 of Figure 17).
- Precise positioning is achieved within the limits of the slots.
- Ensure there is sufficient room for your client's feet at the front of the dolly.

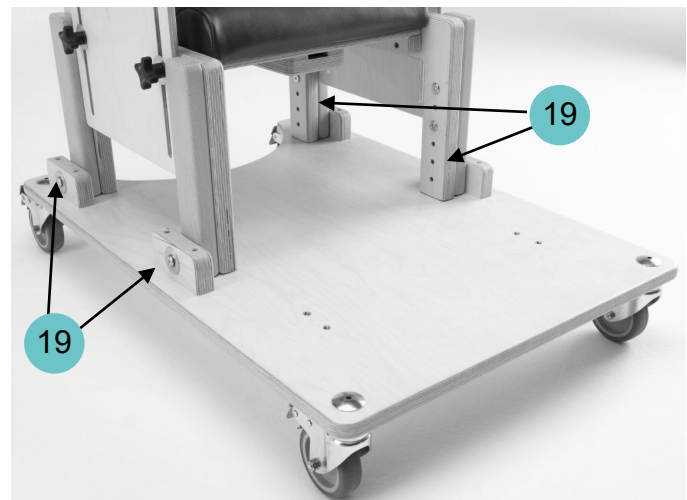


Figure 17

4.8 Minimum Raise Mobile Base

- The minimum raise mobile base is secured to the outriggers of the chair using 4 bolts (Ref. 20 of Figure 18)
- To slide the footrest forward, loosen the handwheels on the side of the base. (Ref. 21 of Figure 18).
- Slide the footrest to the desired position and lock in place by tightening the handwheels.

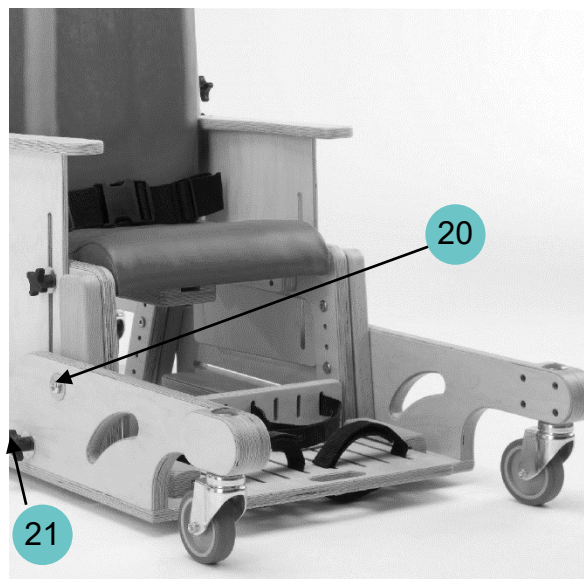


Figure 18

4.9 Knee Blocks

- To adjust the width of the knee blocks, loosen the handwheels (Ref. 22 of Figure 19).
- Slide the knee blocks to the desired position and tighten the handwheels to secure in place.
- To adjust the depth of the knee blocks, loosen the handwheel located underneath the chair (Ref. 23 of Figure 21).
- Slide the knee blocks to the desired position and tighten the handwheel to secure in place.

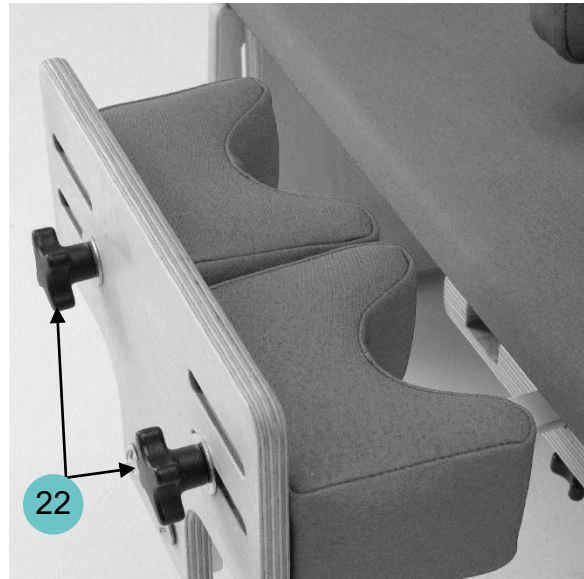


Figure 19

4.10 Independent Adjustable Split Seat

- See section 3.1.1 Seat Depth for adjustment method.



Figure 20

4.11 Pommel

- The pommel fits under the seat and is adjusted in and out by clamping with the handwheel (Ref. 23 of Figure 21).
- Figure 21).
- The pommel can be rotated to increase the amount of abduction.

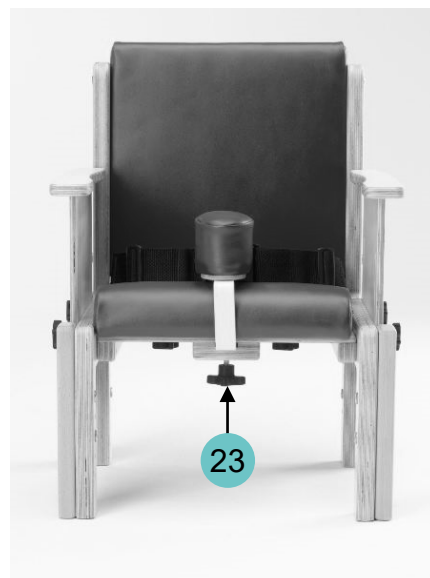


Figure 21

4.12 Tray

A wooden tray accessory is available for your Brookfield chair.

- The tray slides onto the armrests, and toggles (*Ref. 22 of Figure 22*) are rotated to secure the tray into position.
- Ensure the armrests are set to the same height before sliding the tray into place.



Figure 22

4.13 Quick Release Tray

- Check armrests are set to the same height, and are securely tightened.
- Slide the tray onto the armrests, to the desired position – the tray will automatically lock into position
- To remove tray, pull the quick release lever on the underside of the tray (*Ref. 25 of Figure 23*), and pull the tray forward
- Ensure the protective film on the tray is removed before use



Figure 23

*Product shown in Figure 23 is a Heathfield Chair

4.14 Tray Handrail Full Width

- To adjust the height of the handrail, loosen the handwheels located on the side (Ref. 26 of Figure 24).
- Slide the rail to the desired height and secure in place by tightening the handwheels.
- To adjust the depth of the handrail, loosen the handwheels located underneath the frame (Ref. 27 of Figure 24)
- Slide the handrail to the desired position – or completely remove by sliding off the front of the tray - and secure in place by tightening the handwheels.

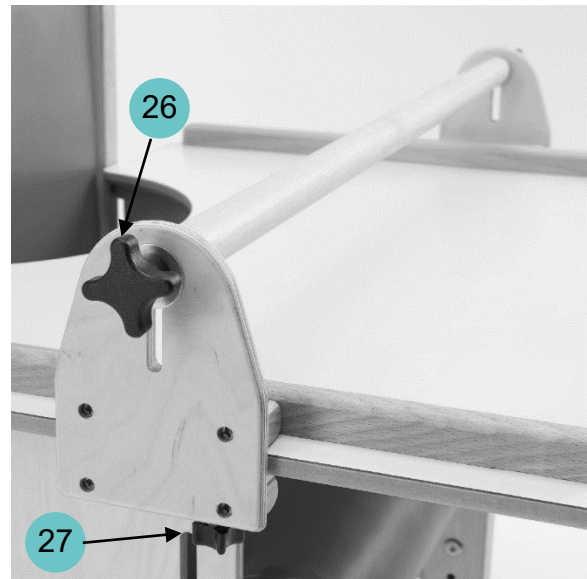


Figure 24

4.15 Tray Handrail Half Width

- See section 4.14 Tray Handrail Full Width for adjustment method.



Figure 25

4.16 Quick Fix Lateral Supports

- To adjust the width of the laterals, peel back the flap on the outside (Ref. 28 of Figure 26).
- Underneath the flap there is a toggle clamp. Release this by pulling on the lever.
- Slide the lateral to the desired position.
- Secure in place by pushing the lever back against the lateral and replacing the flap.

- To remove the laterals, follow the same steps as above to release.
- Slide the lateral all the way to the outside of the chair so that the fixing points can exit through the holes (Ref 29 of Figure 26)
- To reattach, feed the fixing points back into these holes and following the above steps to secure in place.

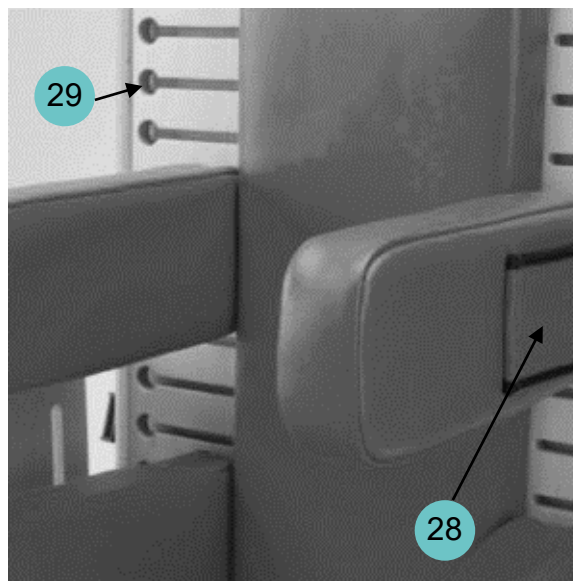


Figure 26

4.17 Quick Fix Pelvic Supports

- See section 4.16 Quick Fix Lateral Supports for adjustment method.



Figure 27

4.18 Headrest Fully Adjustable

- To adjust the width of the headrest cushions, loosen the handwheels (Ref. 30 of Figure 28) located on the back of the headrest.
- Slide the side pads to the desired position and tighten the handwheels to secure in place.
- To adjust the height of the headrest, loosen the handwheel (Ref. 31 of Figure 28) located at the top of the backrest.
- Slide the headrest to the desired position and tighten the handwheel to secure in place.

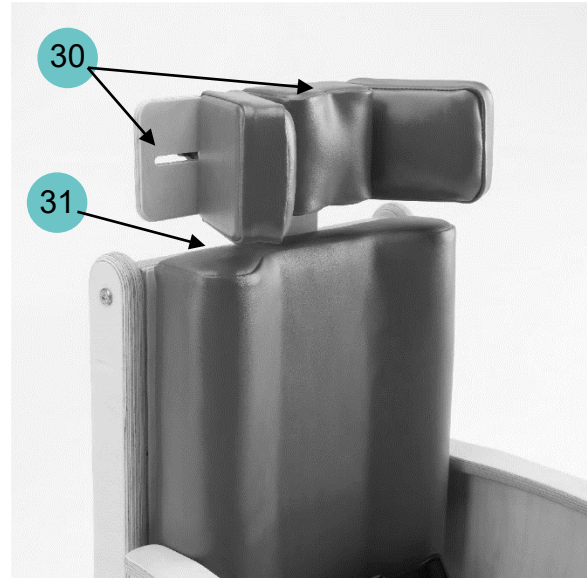


Figure 28

4.19 Adjustable Height Push Handle

- To adjust the height of the push handle, loosen and remove the handwheels (Ref. 32 of Figure 29) on the side of the chair.
- Move the push handle to the desired height.
- Insert the handwheels and tighten to secure the push handle in place.

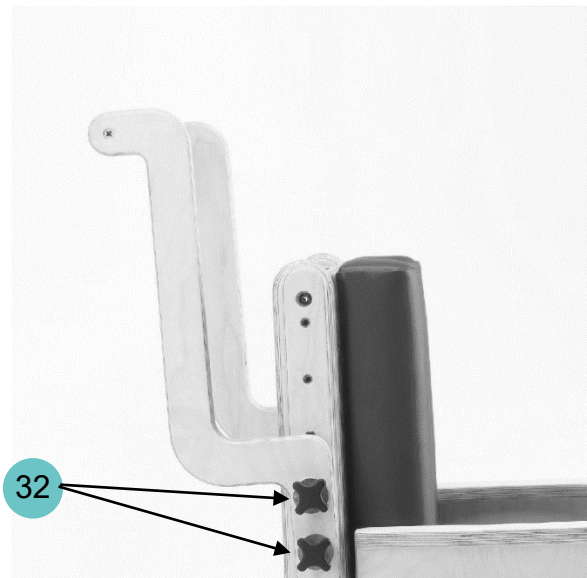


Figure 29

4.20 Mobile Legs with Castors

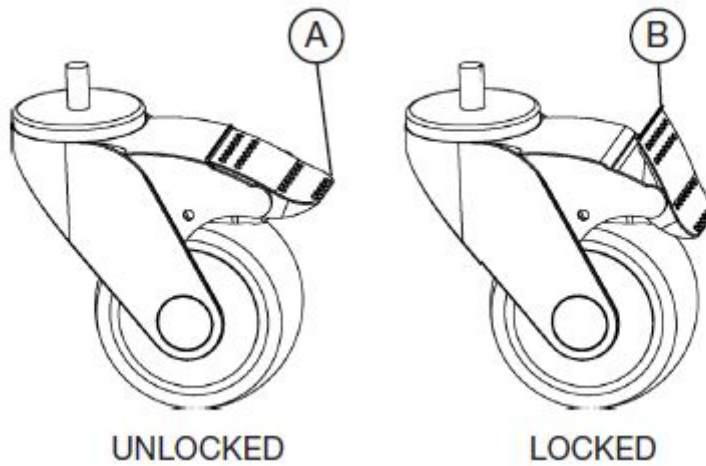
- See section 3.1.2 Seat Height for adjustment method.



Figure 30



Always lock the castors when attaching items or making adjustments. To lock, apply foot to point (A), to unlock apply foot to point (B).



5.0 FINAL INSPECTION

When the service is complete:

- Remove any waste created as part of the service from the site.
- Confirm with the operator if the chair is safe to use and that it has been left in a working state. Isolate the chair if it is not safe to operate.
- Complete all documentation – see Brookfield User Manual for more details



Incorrect use may result in personal injury or damage to objects.

6.0 TECHNICAL SPECIFICATION

6.1 Chair Dimensions

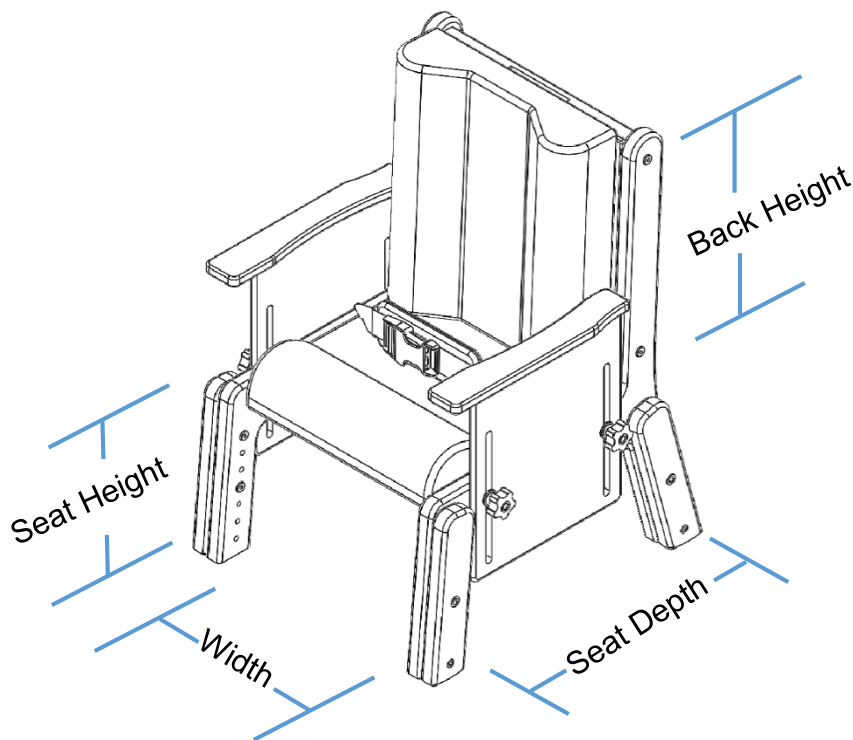


Figure 31

The diagram above (Figure 31) shows the relevant dimensional sizes of the chair. Below (Table 3) is a table containing the dimensions of each size. All dimensions are in mm unless otherwise specified.

TECHNICAL SPECIFICATION

Code	Size	Seat height (mm)	Width (mm)	Seat Depth (mm)	Back height (mm)	Max user weight (kg)	Product weight (kg)
6569	0LB	205-280	280	210-310	315-415	45	10
6570	0HB	205-280	280	210-310	390-490	45	12
6571	1LB	255-330	325	220-320	365-490	55	12
6572	1HB	255-330	325	220-320	465-585	55	14
6573	2LB	280-380	365	275-385	410-530	65	18
6574	2HB	280-380	365	275-385	495-615	65	20
6575	3LB	345-445	435	355-465	450-590	75	23
6576	3HB	345-445	435	355-465	530-670	75	25
6577	4LB	425-575	435	425-570	505-645	85	28
6578	4HB	425-575	435	425-570	570-710	85	30

Table 3

The Brookfield chair comes complete with moulded back, contoured seat, buckle pelvic strap and height adjustable armrest as standard.

*Height of chair with contoured seat. The height with a flat seat is 25mm less.

6.2 Environmental - Storage and Operating Conditions

The chair is intended for internal use within normal environmental conditions.

It is not intended to be used in environments where there are rapid changes in the environmental temperature and humidity during intended use.

The Brookfield chair suffers little from any effects of lint, dust and light.

- Lint – Due to there being no mechanical or electrical mechanisms on the Brookfield chair, lint would not affect the chair working.
- Dust – Due to there being no mechanical or electrical mechanisms on the Brookfield chair, dust would not affect the chair working.
- Light –The Specification of the chair dictates that normal use would occur during ambient luminance 50 – 500 lux. Additionally, as the chair is designed for indoor use only, if required the user may wish to switch on room lighting.

6.2.1 Normal operating conditions

+5°C to +40°C (41°F to 104°F) at a relative humidity between 15% to 90% RH, non-condensing but not requiring a water vapour pressure greater than 50hPa and atmospheric pressure between 700hPa to 1060hPa

6.2.2 Shipping and storage conditions

-25°C to +5°C (-13°F to 41°F) with any humidity level
 +5°C to +35°C (41°F to 95°F) at a relative humidity up to 90%,
 +35°C to 70°C non-condensing at a water vapour pressure up to 50hPa

During all transportation it is recommended that the chair remains in its original packaging.

It is recommended that the chair is stored in a cool, dry place out of direct sunlight. If cleaning is required after storage, please see section 7.6 'Cleaning' of the user manual for instructions.

Shipping and storage conditions are also contained on Brookfield Box Label:

6.3 Standards Applied

The standards that have been applied to the device are as follows:

- BS EN ISO 12182:2012 (Assistive products for persons with disability. General requirements and test methods).
- IEC 62366:2015 (Application of usability engineering to medical devices).
- BS EN ISO 15233-1 :2016 (Medical devices — Symbols to be used with medical device).

6.4 Disposal

Please observe the local laws on recycling and respect the current laws for disposal within the community the device is being used within. If there is any uncertainty of the below guidelines, contact your local authorities to determine the proper method of disposal of potentially bio-hazardous parts and accessories.

7.0 GENERAL INSPECTION AND MAINTENANCE



No maintenance is to be carried out on the chair while in use to reduce the risk of injury.

The user will not require any tools when completing their inspections.

When completing services, the authorised service engineer will provide their own tools, including:

1 x set of metric Allen keys.

7.1 Daily Checks - To Be Completed by User

Prior to each use the Brookfield chair must be inspected visually.



Should any of these items fail the inspection, DO NOT use the chair.

Contact your local authorized dealer for service – contact details are on the last page of this manual.

Visually check for the following:

- Check the tray (if supplied) to ensure no parts are loose or damaged.
- Check all upholstery for signs of wear and tear.
- Check that the hand wheels tighten correctly, and are not cross-threaded or damaged.
- Check that the leg screws are present and are tightened correctly.
- Check all straps for fraying, and that buckles are not missing/damaged.
- Check the strap is securely fastened to the poppers on the underside of the chair.

7.2 Service Interval

The Brookfield chair should be serviced every 3 years. Servicing must only be undertaken by a Smirthwaite Ltd. service engineer, or by a Smirthwaite Ltd. trained representative.

7.3 Nominal Service Life

Your product has a nominal service life of 12 years, during which full post-sales support will be available with regard to spares and servicing.

Product service life has been determined based upon the design complexity of product, and the anticipated exposure to normal use.

Good practice dictates all Smirthwaite Ltd. products have been designed and manufactured to high levels of safety and quality, and will meet requirements of normal use when maintained in line with our servicing recommendations.



If the product has been out of use for an extended period of time (6 months or more) it should always be serviced prior to being reissued. If the product has been subjected to 'heavy' or 'constant' use, the service should be reduced to half the recommended period.

Constant and/or heavy use is considered to be:

- Daily use above 7 hours' duration.
- Weekly use above 5 days' duration.
- Monthly use above 10 months per year.
- Use by a client who is at 90% to 100% of the maximum weight limit of the product. The maximum weight limit must NEVER be exceeded.
- Use by a client who is extremely active, either voluntarily or involuntarily.

7.4 Extending Nominal Service Life

At Smirthwaite Ltd. we are proud to produce products that have a reputation for quality and durability.

We believe our products have the potential to provide benefits to our clients beyond the nominal service life documented above.

We will continue to provide full support beyond the nominal service life provided the following conditions are met:

1. A full service schedule has been maintained.
2. A full service and inspection is undertaken at the end of the nominal service life period.
3. The product is subsequently serviced annually (or biannually if under 'heavy/constant' use conditions).
4. Smirthwaite Ltd. reserve the right to limit support where parts/components are no longer available.

7.5 User Serviceable Parts

Please contact Smirthwaite Ltd. or your local dealer for information to assist service requirements on the Brookfield – e.g. to ascertain the necessary information for replacement parts and components. Contact details are shown on the last page of this manual

7.6 Final Inspection

When the service is complete:

- Remove any waste created as part of the service from the site.
- Confirm with the operator if the chair is safe to use and that it has been left in a working state. Isolate the chair if it is not safe to operate.
- Complete all documentation – see section '7.0 Service Documentation.'



Incorrect use may result in personal injury or damage to objects.

8.0 CLEANING

Please follow the cleaning guidelines below; noting the frequency is appropriate with usage.



It is recommended to clean the Brookfield chair and accessories before use by a different person, reducing the risk of cross-contamination.

8.1 General cleaning

The exterior of the Brookfield chair can be cleaned using a damp soapy cloth for general cleaning duties. Please ensure the cloth is damp and not wet. Ensure the exterior of the chair is dry after cleaning. Dry using a clean dry cloth.

- Upholstery - damp cloth and mild detergent.
- Wooden Parts - damp cloth and mild detergent.

Key cleaning points include;

- Stubborn marks on the woodwork should be cleaned by using a soft brush.
- Do not soak or immerse the chair in water.
- The pelvic strap can be cleaned with a damp cloth. In cases of extreme soiling it can be machined washed at low temperature with mild detergent but must be drip dried.
- Store the chair in a cool dry place out of direct sunlight.



DO NOT use bleach, solvents, abrasives, synthetic detergents, wax polishes, antibacterial sprays or wipes.

For further information, please refer to MHRA or your NHS cleaning guidelines.

9.0 SERVICE DOCUMENTATION

9.1 Documentation/ Records

It is the responsibility of the current equipment owner to ensure the Service Manual (As well as any further manuals for accessories fitted to the equipment) are handed over to the new owner at the time of exchange/sale.

It is the responsibility of the current equipment owner to ensure the service and inspection record form is kept up to date.

10.0 WARRANTY

Smirthwaite Ltd warrants the products detailed on your order to be free from defects in materials and workmanship for a period of 2 years from date of delivery. If a fault develops during the period, please call Customer Services by email or telephone 01626 835552 who will advise you on the best course of action. Possible action may be for us to arrange to send out one of our Service Engineers, or have the goods returned to us. Should a repair not be possible within the guarantee period we will replace the product for new or nearest equivalent product. In the unlikely event that we cannot repair or exchange we will refund in full.

This warranty is in addition to your legal rights. Goods will only be collected from the original delivery address.

A charge may be made where the goods cannot be repaired under the terms of the warranty. You will be advised before this is made.

T: +44 (0)1626 835552

E: info@smirthwaite.co.uk

11.0 CONTINUOUS IMPROVEMENT

Smirthwaite Ltd are committed to continuous improvement to their product range. Should you have any suggestions or comments please send them to our product design department at:

info@smirthwaite.co.uk

Smirthwaite Ltd reserve the right to change the specification or material without prior notice.

For catalogues, help and further information on our products please contact us at:

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