Plinth | 2000

Phlebotomy Chair

Model: 113B

SERVICE MANUAL

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Plinth 2000 Ltd is an ISO Audited company to ISO9001:2008

Our products are CE marked in conformity with the EC Directive MDD 93/42/EEC

1. Introduction

Thank you for purchasing a product from Plinth 2000 Ltd. We use the highest quality components and manufacturing techniques to ensure that our products are simple to use and will last a long time. It is recommended that all users read and retain this User Manual for reference.

Throughout this manual notice is made of a Warning and Caution system to highlight to the user practices, procedures or conditions that should either not be allowed to happen or happen with caution.

Warnings are in a box with bold type and identify potential hazards, procedures or conditions which could result in death, injury or serious damage.

Cautions are in a box with plain type and identify conditions or procedures where if caution is not taken it may result in damage or failure of equipment.

General Warnings

WARNING

Maximum Load (SWL) is 250kg distributed evenly.

Do not concentrate weight on either side or either end of the chair.

Use only accessories approved for use with this chair.

Children must be adequately supervised in the presence of the chair.

Do not allow children to play with the chair at any time.

2. Cleaning and Decontamination

WARNING

If contamination is suspected then decontaminate the chair before use.

Torn or damaged upholstery should be replaced immediately.

CAUTION

Do not use Alkalis or other organic solvents for routine cleaning.

Always cover the vinyl with paper towelling or couch covers if it can come into contact with bare skin.

Cleaning

Always wear suitable protective clothing before carrying out this procedure. Disconnect the mains supply to the chair and move it to a suitable cleaning area and lock the castors.

Step 1. Using warm water and soap on a damp cloth, carefully wipe the chair over from top to bottom. Take great care around electrical components.

Step 2. Wipe the chair carefully from top to bottom using a clean damp cloth and soap free water.

Step 3. Carefully dry the chair from top to bottom with clean lint free paper towels.

Decontamination

To decontaminate the chair repeat the above steps but using a dilute solution of Hypochlorite and warm water (10,000ppm) instead of warm water and soap. At the end of the procedure discard all cleaning materials in a safe manner and wash hands thoroughly.

3. Maintenance

Plinth 2000 Ltd products are designed to be maintenance free. However keeping your Plinth products clean and regularly checked will assist in prolonging their working life. The following is a guide of simple checks that the user can carry out on a six monthly basis. We would also recommend an annual service visit by a Plinth 2000 trained engineer.

Examine the chair for any signs of damage. Pay particular attention to all nuts, bolts and fasteners to check they are present and tight but not over tight.

Upholstery bolts should all be checked (each section has between 2 and 6 No. M6 bolts), they should all be present and tight.

Check gas struts (if fitted) and ensure that they operate through the full range of movement and lock fully.

Check hinge pins are lubricated and not rusty.

Plinth | 2000

Service Check Sheet

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- ☐ CORRECT COUCH TO BE SERVICED
- ☐ IDENTIFY SERIAL NUMBER
- ☐ IDENTIFY PUMP/MOTOR TYPE
- ☐ ANY SPECIFIC FAULTS ADVISED BY CUSTOMER
- ☐ CAPS & FERRULES ETC
- ☐ ADJUSTABLE FOOT & FOOTCAPS
- ☐ UPHOLSTERY CONDITION
- ☐ NUTS, BOLTS & FASTENINGS TIGHT & GOOD CONDITION
- ☐ GAS STRUTS (if applicable)
- ☐ BACKREST & FOOTREST SPRINGS (if applicable)
- ☐ BACKREST & FOOTREST OPERATION (sections hold with no slip)
- ☐ PEDAL RUBBERS
- ☐ STARLOCKS TIGHT & GOOD CONDITION
- ☐ NYLON BUSHES (Y/N)
- ☐ IF NO CHECK FRAME FREE AND NOT AT RISK OF SEIZING
- ☐ OIL WHEEL PEDAL SYSTEM
- ☐ OIL HINGES
- ☐ OIL FRAME BEARING POINTS
- ☐ OIL PUMP/MOTOR FITTING POINTS
- ☐ FRAME CHECK (welds & overall condition)
- ☐ MAINS CABLE & PLUG CONDITION (if applicable)
- ☐ HAND/FOOT SWITCH CONDITION (if applicable)
- ☐ FUNCTION TEST OF PUMP/MOTOR
- ☐ AGE AND LIFE OF MOTOR IF KNOWN (use manufacturers guideline chart)
- ☐ WEIGHT TEST
- ☐ SERVICE STICKER FITTED

4. Troubleshooting

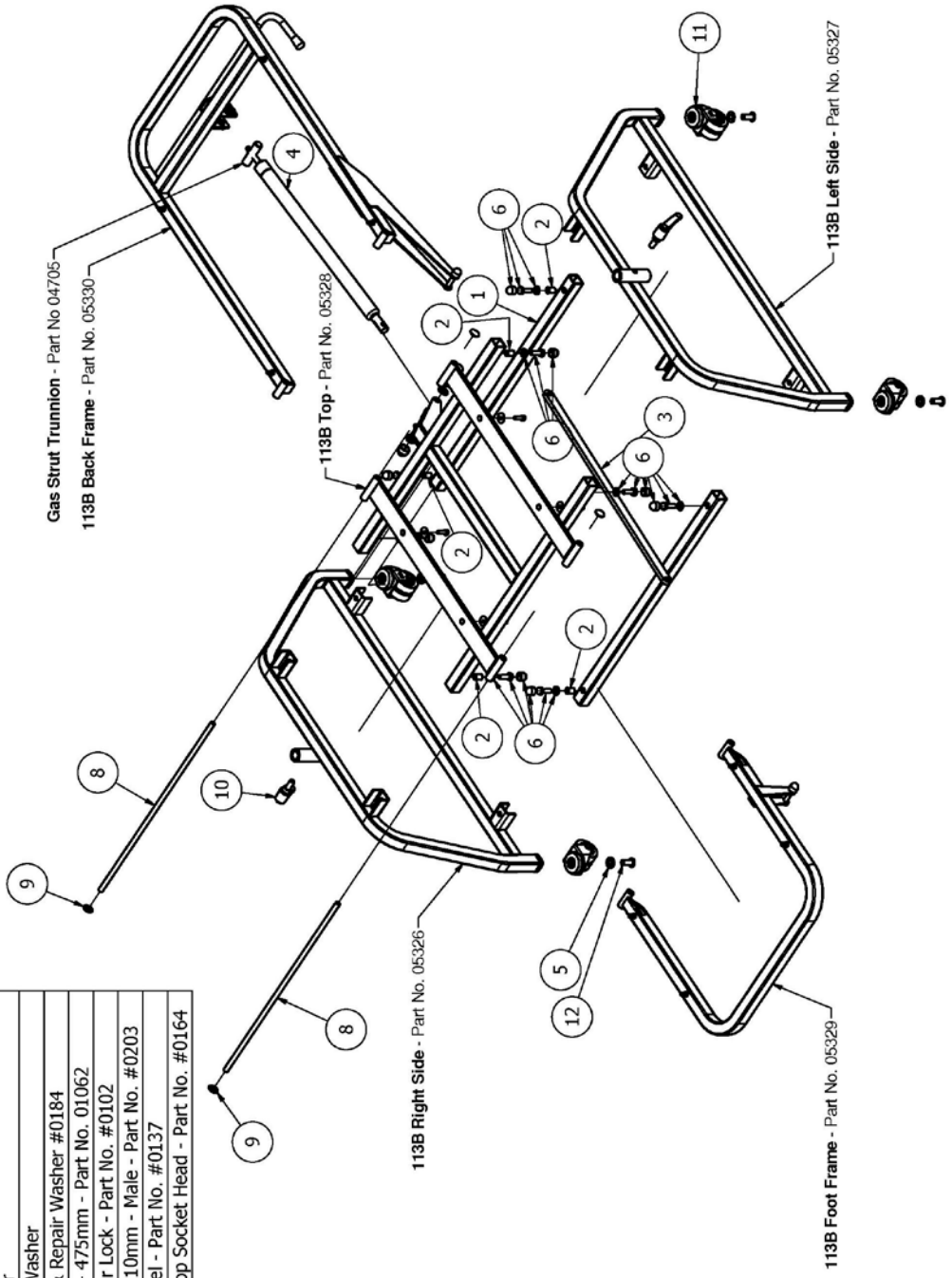
In the unlikely event of the chair failing to operate and having carried out the normal practical fault finding steps below then please contact our Customer Service Team on +44 (0)1449 767887 or email customerservice@plinth2000.com. **Please have the serial number to hand before making contact so we can help you more efficiently.**

Fault	Possible Cause	Remedy
Chair is unstable	Uneven floor Fixed foot not adjusted	Move chair to flat floor Check presence, condition and adjustment of all four feet
Backrest or footrest will not work (manual versions)	Gas spring incorrectly adjusted (not being triggered) Gas spring faulty	Rotate gas spring until the pin is just in contact with the lever (2-3mm play required) Replace gas spring
Backrest or footrest sinks under load (manual versions)	Gas spring incorrectly adjusted (permanently triggered)	Rotate gas spring until the pin is just in contact with the lever (2-3mm play required)
Armrests slip or are loose	Locking thumbwheels not correctly tightened Thumbwheels damaged from over tightening	Correctly tighten locking thumbwheels Replace thumbwheels

5. Parts Lists and Diagrams

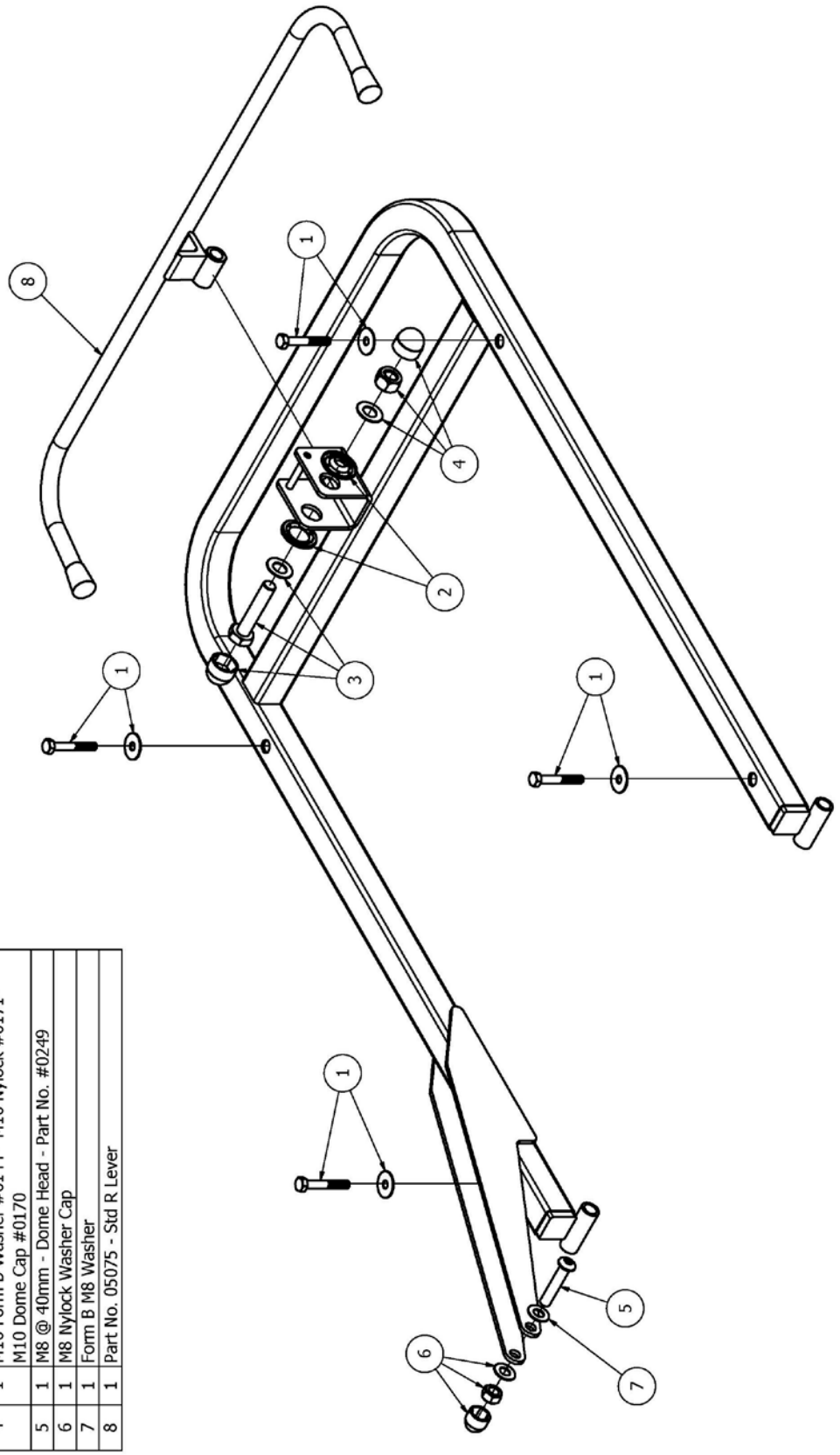
113B - Phlebotomy Chair

PARTS LIST		
ITEM	QTY	PART NUMBER
1	2	25.4x25.4x2mm - ERW - 585mm Part No. 00205S2
2	8	M8 Bear Nut - Part No. #0253
3	1	103B Link Bar
4	1	Stabilus Lock Gas Strut Assembly Long I End
5	5	Form B 10mm Washer
6	8	M8 @ 25mm + Cap' Washer
7	4	M6 @ 20mm #0153 & Repair Washer #0184
8	2	9.5mm Bright Round - 475mm - Part No. 01062
9	4	9.5mm Dome Cap Star Lock - Part No. #0102
10	2	Clip Release Handle - 10mm - Male - Part No. #0203
11	4	Lockable Bobath Wheel - Part No. #0137
12	4	M10 - 25mm Dome Top Socket Head - Part No. #0164



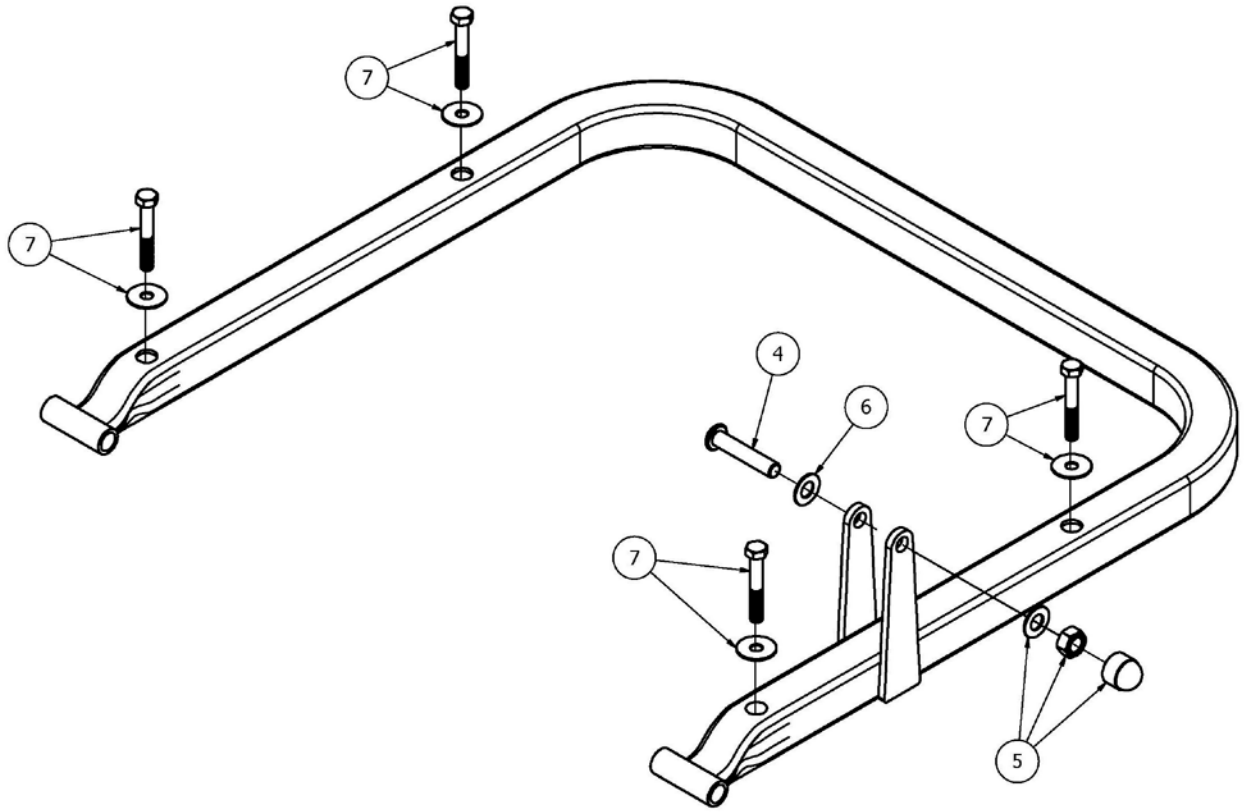
113B Back Frame - Part No. 05330

PARTS LIST		
ITEM	QTY	PART NUMBER
1	4	M6 @ 40mm #0154 & Repair Washer #0184
2	2	16mm Star Lock - Part No. #0112
3	1	M10 Form B Washer #0144 - M10 Bolt @ 50mm #0168 - M10 Dome Cap #0170
4	1	M10 Form B Washer #0144 - M10 Nylock #0171 - M10 Dome Cap #0170
5	1	M8 @ 40mm - Dome Head - Part No. #0249
6	1	M8 Nylock Washer Cap
7	1	Form B M8 Washer
8	1	Part No. 05075 - Std R Lever



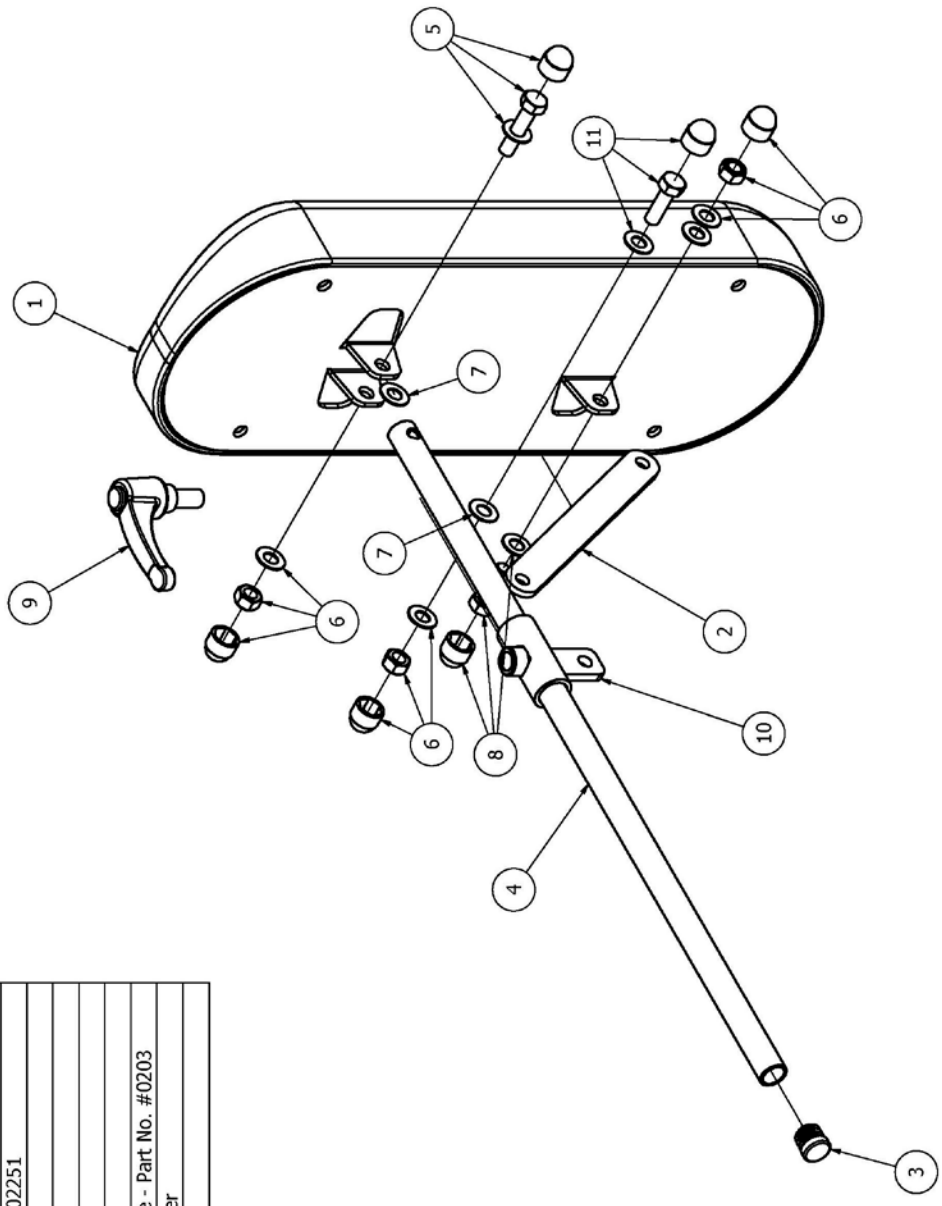
PARTS LIST		
ITEM	QTY	PART NUMBER
1	2	14x2 - CDS - 40mm - Part No. 02076
2	2	Part No. 04182 - 4mm
3	1	25.4x25.4x2mm - ERW - Squashed End - Part No. 00204S2
4	1	M8 @ 40mm - Dome Head - Part No. #0249
5	1	M8 Nylock Washer Cap
6	1	Form B M8 Washer
7	4	M6 @ 40mm #0154 & Repair Washer #0184

113B Foot Frame - Part No. 05329



Blood Arm & Pad - Part No. 05121

PARTS LIST		
ITEM	QTY	PART NUMBER
1	1	Arm Pad
2	1	Part No. 04069 - 4mm
3	1	16x3 Tube Bung
4	1	16x1.4 - ERW Stainless - Part No. 02251
5	1	M8 @ 35mm
6	3	M8 Nylock - Part No. #0161
7	9	Form B M8 Washer
8	2	M8 @ 25mm - Part No. #0157
9	1	Clip Release Handle - 10mm - Male - Part No. #0203
10	1	Part No. 05133 - Bood Arm Adjuster
11	6	M8 Cap - Part No. #0160



6. Guarantee and Service (UK only)

Plinth 2000 Ltd offer a 5 year parts guarantee on all Premium Range products delivered from January 2013 and a lifetime frame guarantee. The only exclusion to this guarantee is for negligent damage or damage to upholstery coverings. This guarantee does not require registration of the product as we can trace it from its serial number, however in the event of the serial number being removed, missing or unreadable then this may void the guarantee. These terms do not affect your statutory rights.

In addition to the above Plinth 2000 Ltd can offer both extended warranties and service contracts. For further information about either of these please contact:

Customer Service
Plinth 2000 Ltd
Wetheringsett Manor
Wetheringsett
Stowmarket
Suffolk
IP14 5PP
Tel: 01449 767887
Mail: customerservice@plinth2000.com

In the event of returning a product or part to us then please follow the instructions for cleaning under section 5 before enclosing it in suitable packaging and returning it to the above address. In addition please ensure there is a statement confirming that it has been decontaminated and what the fault is along with relevant contact details.

Worldwide

Please contact the distributor you purchased the chair from for service and support in your country. If you are unable to do so then please contact us in the UK and we will refer you to our local representative.

7. Technical Specifications

	113B			
Head Length (cm)	**80**			
Seat Length (cm)	**50**			
Foot Length (cm)	**45**			
Width (cm)	**63**			
Overall Length (cm)	**176**			
Height Range (cm)	**N/A**			
Max Working Load	**250kg**			
Control	**N/A**			
Electrical Data 220/240v				
Motor(s)	**N/A**			
Control Box	**N/A**			
Current	**N/A**			
Power	**N/A**			
Mains Plug Fuse	**N/A**			
Internal Fuse	**N/A**			
System Voltage	**N/A**			
IP Rating	**N/A**			
Electrical Data 110/120v				
Motor(s)	**N/A**			
Control Box	**N/A**			
Current	**N/A**			
Power	**N/A**			
Mains Plug Fuse	**N/A**			
Internal Fuse	**N/A**			
System Voltage	**N/A**			
IP Rating	**N/A**			

IEC 601-1 Electrical Safety Classification

All models are double insulated Type B equipment and marked as such.

Double Insulated

Type B Equipment

8. Revisions to Manual

Pages	Issue No	Name	Date
All	Manual - 01	Niall Dyer	07.10.15

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