



**30000 Series
Treatment Tables**

**Operating Instructions
November 2013**

Important! Read the instructions fully before using the device

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1. MFG 30000 Series treatment tables

The MFG 30000 Series treatment tables are intended for healthcare professionals in hospitals and clinics. The treatment tables are designed to be used in a range of physiotherapy treatments while patients are on the table top. The series contains several models: with electric height adjustment.

This document gives instructions for operating and maintaining MFG treatment tables. Please familiarize yourself with these instructions before using the table. Use the device only as described and for the specified applications. Store these instructions in an appropriate way, making sure that the instructions are available to all possible users throughout the life of the device.

The supplier will make available on request circuit diagrams, component parts list, descriptions, calibration instructions, or other information which will assist the User's appropriately qualified technical personnel to repair those parts of equipment which are designated by the manufacturer as repairable.

IMPORTANT! To avoid injury, follow the instructions given in this document

1.1 Description of parts

The basic sections of the treatment table are shown in Figure 1. These sections are similar in other models.

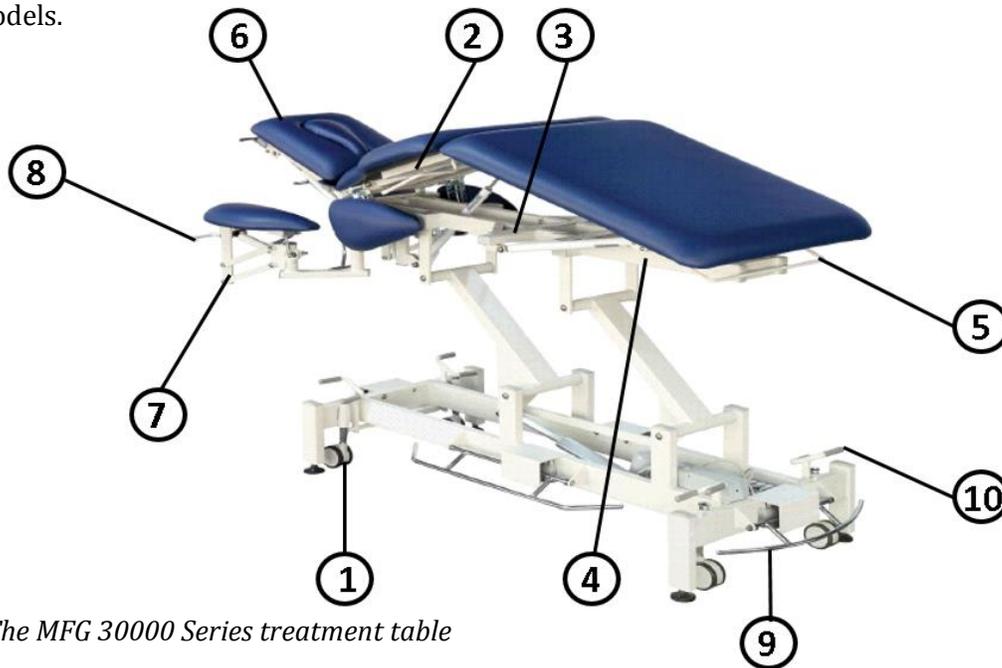
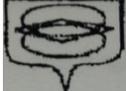


Figure 1. The MFG 30000 Series treatment table

- 1 - Castors
- 2 - Mid section
- 3 - Mid section adjustment lever
- 4 - Leg section
- 5 - Leg section adjustment lever
- 6 - Head section & adjustment lever
- 7 - Arm rest
- 8 - Arm rest adjustment lever
- 9 - Free height adjustment bar
- 10- Central locking pedal

1.2 Symbols used on the treatment table

The following symbols and markings are used on all MFG treatment tables.

<u>Symbol</u>	<u>Description</u>
	This product meets the requirements of Medical Device Directive 93/42/EEC
IPX0	Protected against liquids (electrical equipment)
	Type B Applied Part
	Transformer is equipped with overheating protection.
	Indoor use only
	Protectively isolated structure
	Protective ground
	Warning labels placed on the place free height adjustment bar.
	General warning or caution. This symbol designates an area where personal injury or damage to equipment is possible. Attention Consult Accompanying Documents.
	Electric shock
	Waste electrical and electronic equipment (WEEE) – product must be disposed of properly
	This product requires 120V or 240V Alternating Current
	Non-replaceable by user. In the event of failure, repair should be done by qualified technicians.

2. Introduction

2.1 Inspection upon delivery

Before the device is taken into use, check that the packaging is intact and that it has not been damaged during transportation. Please notify the transport company and the supplier of any transit damage within two (2) days of receiving the delivery.

Ensure that the delivery contains all the parts detailed in the delivery note. If there is anything missing from the delivery consignment, please contact the supplier immediately.

IMPORTANT! Device can be stored at a temperature of 10 to 40°C.
The permitted humidity is 10 to 75%

2.2 Before use

IMPORTANT! Do not lift the table from the head section or the arm rests.
Do not push the table into a door sill

The device is intended to be used in normal, dry indoor conditions. Ensure that the temperature of the room is between +10...40°C and the humidity is within the range of 10...75%. If there is chance that device has been exposed to temperatures below 0°C, allow it to adjust to the indoor temperature for at least 5 hours before using any of its features.

Familiarize yourself with the instructions and carry out the following before using the table:

- Make sure that all packing materials have been removed.
- Make sure that the device can freely move up and down.
- Place the device in the location where it will be used and lock the castors.
- Connect the power plug to a socket whose supply voltage corresponds to the voltage shown on the device's type plate. Make sure that the cord runs freely from the connection box.

IMPORTANT! Do not bind the power cord to the device as the lifting motion can sever the cord. Ensure that the cord is easily detachable in an emergency situation.

IMPORTANT! Always detach the power cord before moving the device. Make sure that the cord doesn't get struck between parts of the frame or under the castors.

IMPORTANT! Make sure that the patient doesn't accidentally move the place free height adjustment bar. As a precaution, detach the power cord when treating the patient.

IMPORTANT! Do not place anything under the device (e.g. chair) because device has to be able to move freely. Make sure that the patient's limbs do not get caught in the frame of the device.

IMPORTANT! Do not place the device under any wall structures or too close to the wall.

IMPORTANT! Do not modify the structure of the device or install parts other than those mentioned in this document.



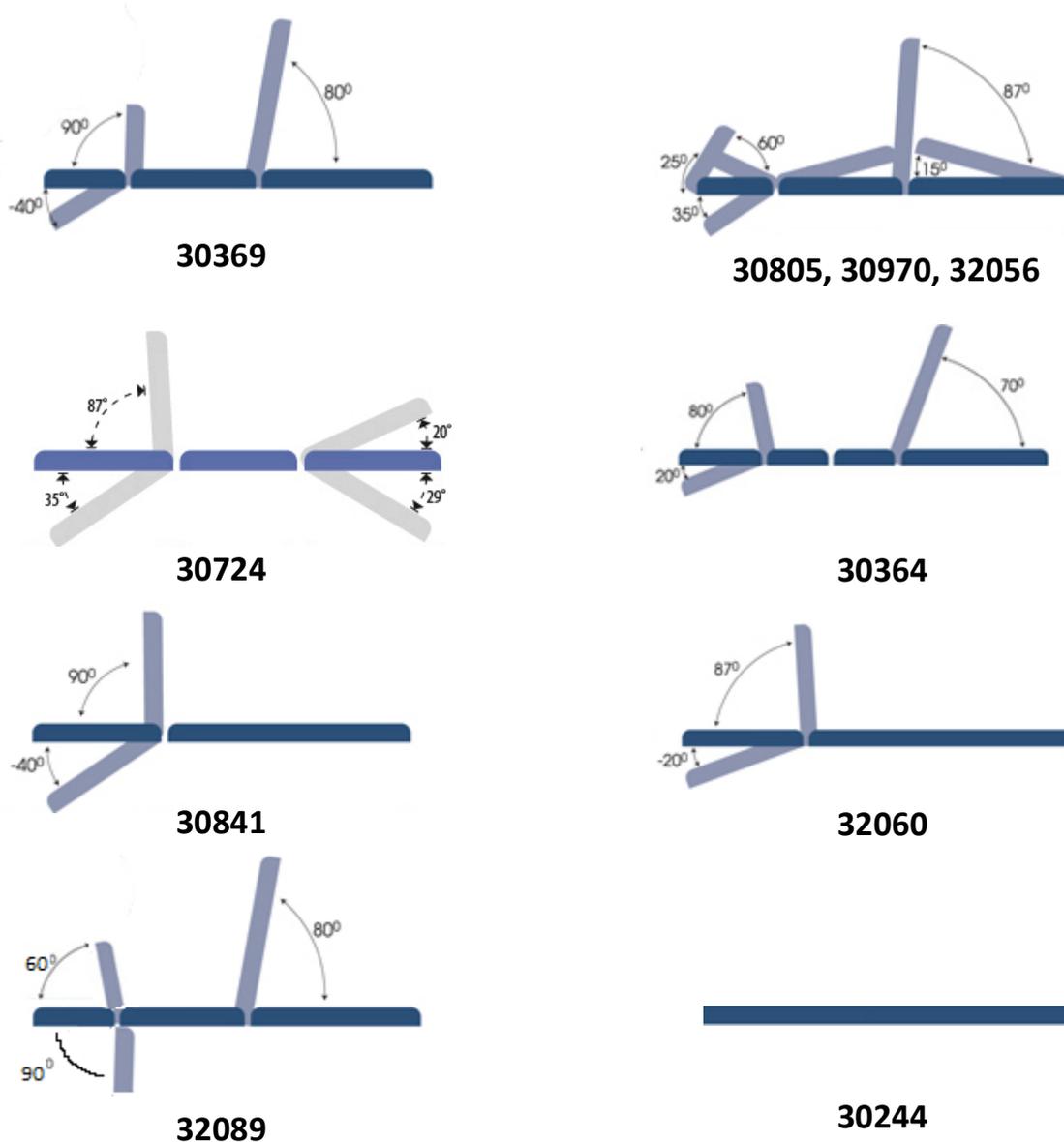
Warning! Children or people with no experience of the device or those with restricted understanding must not use the device. Children must be supervised to ensure that they do not play with the device!

3. Using the treatment table

Note: Do not use the electrical functions of the device non-stop for longer than the permissible two (2) minutes. Longer continuous use may cause the transformer to overheat. If you use electrical functions non-stop for two (2) minutes, keep to the operating time ratio and do not use any electrical functions for 18 minutes.

3.1 Maximum inclination

The maximum inclination of different sections of the treatment table can be seen in Figure 2.



Note: 30244 One Section Bo-Bath has no inclination option

Figure 2. Maximum inclination of the treatment table.

3.2 Locking of the castors

MFG 30000 Series treatment table is fitted with adjustable castors. Lift the table for transportation by pressing the pedal (Figure 3) down.



Figure 3. Locking Panel

IMPORTANT! Always detach the power cord before moving the device. Make sure that the cord doesn't get stuck between parts of the frame or under the castors.

IMPORTANT! Do not use the device for transporting patients.

To lower the table down for treatment, release the pedal.



Crushing hazard! Make sure that nothing gets between/under the device during lifting/lowering the table.

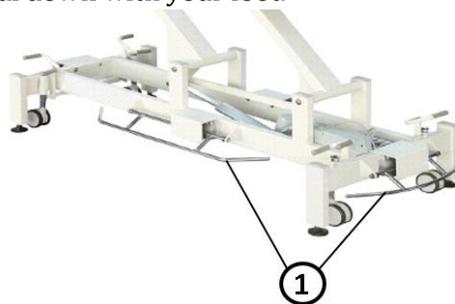
3.3 Height adjustment

The height of the table is adjusted by moving one of the 4 foot pedals up or down. The height range is approximately 45-91 cm.



Crushing hazard! Make sure that nothing gets between/under the device during lifting/lowering the table.

Adjust the height by moving any one of the four foot pedals. To lower the table, lift the foot pedal up. To raise the table, press the pedal down with your foot.



1-Foot pedal

Figure 4. Foot Pedals



Crushing hazard! Make sure that the patient doesn't accidentally move/touch the height adjustment bar.



Warning! Children or people with no experience of the device or those with restricted understanding must not use the device. As a precaution always detach the power cord when the device is left unsupervised.

3.4 Head Support

MFG 30000 Series tables feature an adjustable head support in most models. To adjust, lift the adjustment lever (figure 6) while lifting/pressing the head support. The adjustment range is shown on page 4 under maximum inclination for various models.



1-Head section adjustment lever

Figure 6. Adjusting the head support

IMPORTANT! Do not lift the device from the head support.

IMPORTANT! Do not sit on the head support. The maximum permissible load on the head support is 10 kg.

3.5 Leg support

The leg support can be raised or lowered by lifting the adjustment lever while lifting/pressing the leg support (figure 7). The adjustment range is shown on page 4 under maximum inclination for various models.



1-Leg support adjustment lever

IMPORTANT! Make sure that nothing gets caught or under the leg support during lifting/lowering

Figure 7. Adjusting the leg support

3.6 Adjusting the mid-section

Lift the table to the drainage position by lifting the adjustment lever (Figure 8). The backrest can be adjusted as shown on page 4 for various models. The angle can be increased by simultaneously lowering the leg support.

Lower from the drainage position by lifting the lever while pressing down on the table top.



1-Mid-section adjustment lever

Figure 8. Adjusting the mid-section

IMPORTANT! Make sure that nothing gets caught or under the middle section during lifting/lowering.

3.7 Arm Rests

Models 30805, 30970 and 32056 have armrests with height and lateral adjustment. To adjust the height, lift the adjustment lever while pressing down on the armrest (Figure 9). When the armrest is at the desired height, release the lever.

Lateral adjustment: Lift the armrest upwards from the point shown by the arrow in Figure 9 and turn the armrest to the side.



1-Armrest adjustment lever

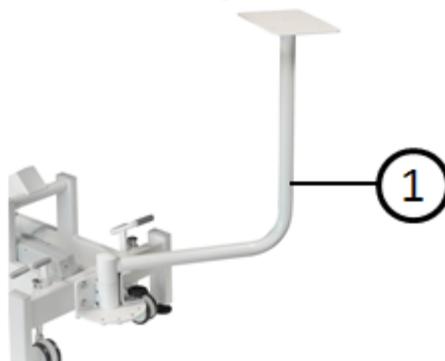
Figure 9. Armrest height and lateral adjustment.

IMPORTANT! Make sure that the armrest is not turned backwards while lowering the device; it may hit the frame and damage the upholstery.

IMPORTANT! Do not sit or lean on the armrest – it cannot take the weight. The maximum permissible load on the armrest is 5 kg.

3.8 Accessories

Accessories for the MFG 30364 Series are shown in Figure 10.



1-Traction unit attachment

Figure 10. Accessories for the MFG 30364

4. Cleaning

IMPORTANT! Always detach the power cord before cleaning.

IMPORTANT! Do not wash the table with a water jet.

IMPORTANT! The manufacturer will not be held liable for discoloring of the upholstery caused by denim or other textiles.

Cleaning the upholstery

Remove possible stains as soon as possible with lukewarm water and a damp cloth. We recommend using a microfiber cloth. For the removal of difficult stains we recommend a mild cleaning agent (30% solution) and a soft brush. Repeat the treatment if necessary. Finish by rinsing off the cleaning agent with lukewarm water and dry the table with a soft cloth. Regular and thorough cleaning ensures that the imitation leather stays in good condition for a long time.

Note! If you use a general-purpose cleaning agent, always observe the manufacturer's dosing instructions. Never use oil or grease-based cleaning agents. Dry or persistent stains cannot be completely removed. The surface of materials cannot withstand solvents, polishing agents, waxes, chlorides or aerosols. Use disinfectant whenever possible.

5. Maintenance

IMPORTANT! Always detach the power cord before maintenance.

IMPORTANT! Only trained personnel should carry out the maintenance and repairs of the device.

IMPORTANT! Keep record of any maintenance actions.

IMPORTANT! Check all bolts and nuts to be sure they are tight.

5.1 6-month maintenance procedures

Check the condition of the power cord, motors, gas springs and foot control unit including its cord and replace them as necessary. Check all bolts and nuts to be sure they are tight. Only authorized service technicians should open the motor or the control unit housing.

5.2 Annual maintenance procedures

Check the power cord, motor, gas springs, foot controls, condition of all welds, routing of all wires and nuts & bolts to be sure they are tight. Only authorized service technicians should open or check the motor and controller.

6. Technical information

The following information is displayed on the treatment table type plate (Figure 11).

Operating voltage	230 V ~ 50/60 Hz 100 V ~ 50/60 Hz 120 V ~ 50/60 Hz
Power input	200 W
Operating time rate	2 min/18 min-Within any 18-minute period, the electrical features should not be used continuously for longer than 2 minutes.
Enclosure class	IPX0
Electrical protection class	Class/type B
Maximum total load (safe working load)	225 kg
Width	65 cm (varies by model)
Length	208 cm (varies by model)
Transport temperature	10....+40°C, humidity 10...75%
Storage temperature	10....+40°C, humidity 10...75%
Operating temperature	10....+40°C, humidity 10...75%



Figure 11. Type plate

6.1 Standards

Treatment tables are compliant with the Medical Devices Directive 93/42/EEC and all amendments to it, as well as with the national regulations that put them in force. The device is CE certified.

7. Troubleshooting

Note! The warranty becomes void if the motor or its control unit is opened by someone other than an authorized service technician.

Symptom	Fault	Check
Treatment Table does not move	The wires are not properly attached	Check the wire connections.
	The foot pedal wires are not properly attached.	Check the wire connections.
	There is no main voltage	Check that the power cord is connected to an appropriate socket
	The power cord is defective	Check the condition of the power cord.
	The transformer does not receive (100/120/230 VAC) current.	Contact MFG Direct or your local distributor.
Treatment Table is making noise	Upper frame attachment bolts may be too tight.	Loosen 12mm bolts to 35 ft-lbs torque
	The actuator has worn out or has been overloaded.	The actuator might stop working. Change the actuator.

To replace actuators, the hand adjustment unit or the control unit, contact MFG Direct or your local distributor. Before contacting MFG Direct, determine the name and model of device, its serial number and the year in which it was purchased.

The name, model and serial number of the product can be found on the base of the treatment table on the type plate located on the frame.

8. Recycling

Most of the materials used in the device are recyclable. When the device is removed from usage, it should be disassembled and recycled appropriately. Recycling should be carried out by a specialized company. Do not dispose the device with normal mixed waste.

Gas springs should be unpressurised and oil-free before recycling.

The following materials should be separated before recycling:

- METALS: frame, screws, nails, springs etc.
- ENERGY WASTE (combustible waste): wood and wood-based materials.
- ELECTRICAL WASTE: wires, power cords, actuators etc.
- NORMAL MIXED WASTE: plastic, upholstery, and other materials which cannot be separated further.

Contact your local disposal authority for more details about how to recycle. Follow the instructions given at local collection points.

9. Spare Parts

Available spare parts for the treatment table are shown in Figure 12.



Reference #	Part #	Name
1	10036 (MFG 30369 & MFG 30364), 10076 (MFG 30805 & MFG 30970), 10038 (MFG 30724 & MFG 30841&MFG 32060), 10035(MFG 32089)	Gas Strut Head Section
2	10073 (MFG 30805)	Gas Strut Middle Section
3	10038 (MFG 30369 & MFG 32089), 10071 (MFG 30805), 10036 (MFG 30724), 10042 (MFG 30364)	Gas Strut Leg Section
4	10077 (MFG 30805), 30966 (MFG 30970)	Gas Strut Exterior
5	30697 (All Tables)	Actuator
6	30272 (All Tables)	Switch box
7	30782 (All Tables)	Control unit
8	30228 (All Tables)	Caster

Non replaceable fuse provided, consult manufacturer for further instructions.

Figure 12. Spare parts for MFG 30000 series treatment tables

10. Limited Warranty

Thank you for purchasing this quality product from MFG Direct. Our products are developed to meet high standards in both quality and technology. To ensure continuing quality, we grant you, the final customer, warranty on our products in accordance with the following conditions. These conditions are applicable only to treatment tables and equipment, manufactured by MFG Direct.

MFG Direct products are guaranteed free from defects in material and workmanship under normal use and service for the following periods and in the following respects.

TEN YEAR WARRANTY – Steel structures and welds

ONE YEAR WARRANTY – Electric actuators, foot controls, control units, bearings, wheels, gas springs, shafts, cables, and all other components not mentioned elsewhere in this warranty.

Any transportation damages must be reported to the transportation company and to MFG Direct or your local distributor within two (2) days of delivery.

Defects caused by improper use are excluded from the warranty. Proper use means operation of the product under the conditions described in the user manual or other product documentation.

This limited warranty **DOES NOT** cover, and no warranty is given, with respect to the following:

- Products not manufactured by MFG Direct
- Products which have been altered without the express written consent of MFG Direct
- Products purchased other than directly from MFG or through an authorized MFG dealer.

Warranty conditions

1. The warranty is only valid if the warranty demand is presented with the original invoice, sales slip or (order) confirmation, and the serial number on the product has not been defaced.
 2. MFG's obligations are limited to the repair or, at its discretion, replacement of the product or the defective part. Defective parts shall be replaced with new or comparable parts. If necessary, the entire product shall be replaced with an identical or functionally identical product. The value of the warranty service is always limited to the value of the defective part. The defective parts removed from a product as part of a warranty case shall become the property of MFG Direct and shall be retained by the End Customer for MFG Direct, if necessary. If these parts cannot be returned to MFG Direct upon request, MFG Direct is entitled to charge the End Customer for the parts.
- When genuine MFG Direct parts are installed in a MFG Direct product under warranty, the warranty is not extended – only the remaining warranty period of the device being repaired applies.
3. Warranty repairs must be carried out by MFG Direct or an authorized MFG Direct dealer. No reimbursement will be made for repairs carried out by unauthorized parties and, any such repair work or damage to MFG Direct products caused by such repair work will not be covered by this warranty.
 4. This product is not considered to be defective in materials nor workmanship for the reason that it requires adaptation in order to conform to national or local technical or safety standards in force in any country other than the one for which the product was originally designed and manufactured.
 5. This warranty covers none of the following:
 - a) Periodic check-ups, maintenance and repair or replacement of parts due to normal wear and tear (such as upholsteries, cables.)
 - b) Costs relating to the transport, removal or installation of the product.

- c) Misuse, including the failure to use this product for its normal purposes or incorrect installation.
- d) Damage caused by lightning, water, fire, acts of God, natural catastrophes, war public disturbances, incorrect mains voltage or any other cause beyond the control of MFG Direct.
- e) Damage due to spillage of chemicals or liquids or the use of any other hazardous substances or substances not approved in the user manual which may affect the product.
- f) Minor defects or deviations from the product specifications, which are immaterial, negligible or trivial with regards to the value or the functioning of the product.

Proceeding in a warranty case

In the case of a warranty claim please begin by contacting your local MFG Direct dealer. Our staff will help to diagnose defects and malfunctions and are often capable of eliminating the malfunction over the phone.

In the event that warranty service is required, you should return the product to the dealer from which it was purchased, or directly to the MFG direct factory. The customer is responsible for arranging the dispatch and insurance of the product, and the costs of transport and insurance shall be borne by the customer. MFG Direct shall assume the cost of the materials/spare parts as required, as well as the standard return transportation to the sender.

The guarantee will become void under the following circumstances:

- If MFG Direct product is equipped or used with parts that have not been approved by MFG Direct for the product in question.
- If someone other than a person authorized by MFG Direct has serviced/repaired or otherwise modified the device and these measures have caused a fault in the product.
- If the product is cleaned with cleaning agents other than those specified in the operating manual, or if the product is allowed to come into direct contact with agents other than those specified in the manual.
- If the prescribed regular maintenance has not been properly carried out.

Please always have the following information ready before calling the dealer:

- Your name, address, post code and a telephone number at which you can be reached;
- The model designation, and the serial number of the product;
- The date of purchase;
- A brief description of the problem. Photographs are usually very helpful.

11. Contact information

Manufacturer

MFG Direct
5437 E. La Palma Avenue
Anaheim, CA 92807
Tel: 001-800-523-6333
Fax: 001-866-578-6072
E-mail: sales@mfgdirect.asia
www.mfgdirect.asia

Note: Use the word “warranty” in the subject line when contacting MFG Direct via email.