

MADE IN EUROPE



This product has been developed and manufactured using both raw materials and with production in Europe.

Choose quality, save money, and protect the environment.

# (UK) User Manual

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## Master Turner Royal - L

The **Original** Master Turner System



Master Turner Royal Combi



Master Turner Royal



Master Turner Royal Inco



	Article no.	HMI no.	Name - Size	UDI-DI/GTIN
<input type="radio"/>	MC 001-1734	137037	Master Turner Royal Combi - L	5744001974834
<input type="radio"/>	MC 001-1735	128452	Master Turner Royal - L	5744001973936
<input type="radio"/>	MC 001-2535	131086	Master Turner Royal Inco - L	5744001973974

Regulation MDR 2017/745 for medical devices class 1



ISO 12 31 03 21

The Original Nordic Human Handling Concept



Developed & Manufactured by:



# Thank you for choosing a product from master care A/S.

We recommend reading the user manual thoroughly before using the product (-s).

The information in this user manual applies to the shown products provided that the products have not been modified or customized and that the products have been used as recommended in this user manual.

If the customer changes, repairs or uses the product in other combinations than recommended by master care A/S the CE-approval no longer applies and the guarantee becomes void.

In case of doubt, contact master care A/S or our distributor in your area.

## **MDR (EU) 2017/745:**

Products in this user manual is CE-approved and follows the harmonized standards. This means that the products are in compliance with the essential health and safety directives. The product(-s) comply with the standards in the Medical Device Regulation MDR (EU) 2017/745 – Class 1.

## **The intended use of the product/-s:**

The intended use for the product is to reduce friction between the user and the mattress to make it easier for the helper and gentler for the user whilst turning, moving up/downwards, and moving to sitting position on the edge of the bed. This product should always be used in combination with a Mattress Cover from master care a/s.

## **Correct use of the product:**

The combination of the Master Turner and the Mattress Cover from master care A/S constitutes a turning system, which can be used for users with a decrease in function where transfers in bed and between beds can be difficult.

## **Risk assessment:**

Always make a risk assessment and a functional assessment of the

user prior to using the product. This way using the product for transferring or moving a user, is ergonomic and legally sound.

## **Knowledge of the product/transferring:**

It is important that the user of the product has been properly instructed in the use of the product and has read the user manual thoroughly prior to using the product.

master care A/S and our distributors provide education in the use of products and on our website all user manuals can be found.

## **Life span:**

The expected life span of products with nylon sliding material with daily wear and tear and washing averagely is 1-3 years. The products life span depends on the use, users load, washing and drying temperatures and how often it is washed and dried.

Products with insufficient friction reduction, defect seams, broken material or other deficiencies must be discarded. This way you will always keep a sound and healthy work environment for both helper and user.

Make visual inspections frequently and preferably before every use.

## **Guarantee:**

master care A/S provide a 2-year guarantee covering material defects and manufacturing defects if the product has been used correctly.

## **Unintended events and injuries when misusing the products:**

Unintended events must always be reported to the appropriate National Authority and to master care A/S or the distributor in the current country.

master care A/S and our distributors take no responsibility for personal injuries or product damages if the product(-s) have been used in contravention of the by the manufacturer recommended intended purpose or proper use of the product.



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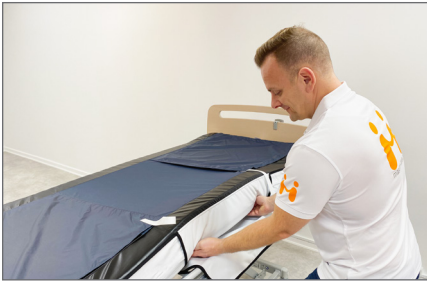
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## Mounting Mattress Cover and Master Turner - L:



1. Mount the Mattress Cover - L on the mattress.



2. Place the Master Turner – L with the nylon side towards the Mattress Cover and the label "This side up" visible.



3. To protect the Master Turner and to avoid unnecessary washing an incontinence sheet e.g., MC 001-1810 can be placed on top of the Master Turner.

## Turning in bed manually – slightly dependent patient (1 helper):



4. Bend one or both of patient's knees. The patient grabs the bed rail to participate as much as possible.



5. The patient begins the turn by pushing the pelvis backwards and turning the upper body. The helper grabs the Master Turner close to the patient's pelvis and supports the turning.



6. To increase stability and comfort in side lying, the Master Comfort Positioning Wedge - S MC 001-8035 can be placed in front of the patient's stomach before turning. Also, it increases the patient's sense of security, it keeps the stomach in place and maintains alignment of the spine in the side lying position.

## Turning in bed manually – more dependent patient (1 helper):



7. Transfer the patient to the side of the bed by moving respectively hips, upper body and legs using small tugs. Avoid transferring the whole patient at once. Bend the patient's closest leg, elevate the bed rail and walk to the opposite side of the bed. Bend the other leg.



8. Place a Positioning Wedge - S close to the stomach before the turn. Grab the Master Turner on both sides of the hips and turn the patient to side lying. This way you maintain vital tactile information from the patient's back.



9. After turning to side lying a Back Wedge - Short MC 001-8070 can be placed behind the patient if necessary. If a Positioning Cushion - S with bilayered Nylon Master was placed next to the legs before the turn it is now easy to slide the upper leg in position and remove the Nylon Master. Avoid lifting the leg.

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## Turning in bed with hoist - dependent patient (1 helper):



10. Place patient's hand on the stomach, connect the hoist, elevate the bed rail, and walk to the opposite side of the bed. Slide the pillow to the side and place the closest hand on the pillow. Place Positioning Wedge – S next to the stomach and a Positioning Cushion – S next to the legs.



11. Elevate the hoist. When the shoulder and one side of the hip is free of the mattress slide the patient backwards by moving respectively hips, upper body and legs using small tugs. Elevate the hoist and repeat until the patient is in side lying position.



12. Slide the upper leg forwards towards the Positioning Wedge. Adjust the position by using the sliding material under the patient e.g., rotate the hip. If necessary, place a Back Wedge - Long MC 001-8075 behind the user before lowering the hoist.

## Transferring between 2 beds (1-2 helpers):



13. Place the two beds close together. Activate breaks. Fill up the space between the mattresses with e.g., Cylinder Cushions MC 001-8030 and MC 001-8080. Pull Straps MC 001-1947 can be mounted on the side of the Master Turner – L for a better work position.



14. Place some sliding material over the non-skid-edge of the Mattress Cover. The sliding material must cover the surface the Master Turner will travel during the transfer.



15. Calmly pull the Master Turner to transfer the patient sideways. Make sure to move respectively hips, upper body and legs using small tugs to avoid pulling the whole bodyweight at once.

## Avoid sliding downwards in bed by using cushions and wedges (1 helper):



16. Position the patient's pelvis correct in the bed by sliding the Master Turner. Check the position by fully elevating the knee-rest of the bed.



17. Place two Positioning Wedges – S MC 001-8040 under the patient's thighs *under* the Master Turner – with the non-skid-side facing downwards. Place a Positioning Cushion between the feet and the footboard – keep 5 cm space between them.



18. Elevate the knee-rest and the back rest. If the patient's upper body slides to one side place a Positioning Wedge – M MC 001-8050 on each side to create stability, comfort and to give the patient clear tactile information.

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## Retaining the Master Turner - L by using Locking Straps - MC 001-1950:



19. Remove the footboard and pull the mattress a bit downwards. Fix the two Locking Straps to the underside of the head rest with the long adjustable end of the straps.



20. Lead the fixed end of the Locking Strap through the top strap of the Master Turner. Close the buckle. Do this on both sides.



21. The Locking Straps keeps the Master Turner in place when the head rest is elevated. Note: Be aware of the risk of shear.

## Higher up in bed with Master Turner - L (1-2 helpers):



22. Elevate the foot of the bed and lower the back rest. If the patient has the use of the legs place the feet on a non-skid surface e.g., remove the flap on the cover. The helper/-s grabs the Master Turner and pulls upwards using weight transfer and a calm pace.



23. Alternatively: Elevate the foot of the bed and lower the back rest or activate the Trendelenburg. Helper stands at the end of the bed and removes the footboard. Places the hands under the ankles and pushes the patient from here. If the patient bends the knees place the hands on the shins instead.



24. Alternatively use the hoist. Mount the hoist around the patient's pelvis and elevate slightly to barely lift the pelvis of the mattress. The helper pushes the patient's feet or pulls the Master Turner to make the transfer higher up in bed.

## Higher up in bed on top of the Master Turner - L with a sliding material (1-2 helpers):



25. Remove the flaps of the cover under the patient's upper body if the cover has flaps.



26. Place two pieces of sliding material under the whole body. Place them by turning the patient to side lying position or with the folding technique.



27. Pull up the patient on top of the Master Turner by using e.g., a Mini Master or a sheet under the pelvis.

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## Into a sitting position on the edge of the bed with a hoist (1-2 helpers):



28. **Do not use Master Turner Inco for this!** Elevate the bed rail behind the patient. Elevate the knee rest and then the back rest. Attach the top straps to the hoist. Elevate until it fits snugly behind the patient's back. Adjustment Straps can be used to increase the patient's safety, comfort, and stability.



29. Fold the Master Turner around the patient's legs and slide them over the edge of the bed without lifting.



30. You can use the Master Turner's nylon sliding surfaces if necessary to help the patient's pelvis move forwards when sitting on the edge of the bed. The Adjustment Straps MC 001-1948 can be regulated again when sitting.

## Placing a sling sheet *under* the Master Turner and lifting (2 helpers):



31. Attach the Master Turner to the hoist and turn the patient to side lying position. Fold and place the sling sheet between the Master Turner and the Mattress Cover.



32. Lower the hoist and attach it to the opposite side. Elevate and straighten out the sling sheet under the patient and the Master Turner. Position the sling sheet using the sliding surfaces between the Master Turner and the Mattress Cover.



33. For patients with nausea or tactile issues: Place a Positioning Cushion – S between the feet and the foot board. The helpers grab the leg straps of the sling sheet and places them between the Master Turner and the Mattress Cover and slides the sling sheet down to the correct position.



34. Move the leg straps to the sides and to the upper side of the Master Turner. Place them under the legs preferably using the Sling Sock Basic MC 003-9031. This reduces the risk of shear during lifting and eases placing the leg straps without lifting the heavy legs.



35. Elevate the knee rest and elevate the back rest. Attach the sling sheet and lift the patient off the bed with the Master Turner between the patient's back and the sling sheet.



36. Fold the Master Turner backward and up on the outer side of the sling sheet before lowering the patient into the chair. The Master Turner is now placed in a "U"-shape around the sling sheet.

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## Placing a sling sheet *under* the Master Turner and lifting (2 helpers): - continued



37. Lower the hoist and place the patient in the chair. The patient is NOT sitting on the loose part of the Master Turner.



38. Slide the leg straps out of the Sling Socks and slide the sling sheet upwards between the two ends of the Master Turner. You can also use the hoist to remove the sling sheet. This way the patient does not need to lean forward or lift the legs to remove the sling sheet.



39. The helper grabs the lower corners of the Master Turner and slides the Master Turner out manually. The backmost part slides on the front part of the Master Turner. It can be an advantage to slide diagonally. Some Master Turners can also be attached to the hoist for this part.

## Master Turner Inco:



40. Master Turner Inco – L has an integrated incontinence membrane. This means the Mattress Cover does not get wet if the Master Turner Inco gets soaked.



41. Alternatively, a separate incontinence sheet can be used on top of the Master Turner e.g., Inco Master - S MC 001-1801. This will lower the frequency of washing thus prolonging the durability of the sliding material and therefore the life of the Master Turner.



# Product Quality - Functionality - Quality of Life



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## Technical Specifications

### Materials:

Cotton, polyester, polyamide, nylon.

### ISO certifications:

ISO 12952-1:2015

Textiles – Assessing the ignitability of all bedding items, when subject to a smouldering cigarette.

Article no. - Product Name:	Size:	Handles:	Max. User Weight:
MC 001-1734 Master Turner Royal Combi - L	L 200 x W 150 cm	28	200 kg
MC 001-1735 Master Turner Royal - L	L 210 x W 150 cm	24	200 kg
MC 001-2535 Master Turner Royal Inco - L	L 210 x W 150 cm	24	200 kg

## WARNINGS



Never leave the user on the product when lying on the edge of the bed.



Never leave the product on the floor.



Always make sure that the user is not caught in the straps.



Never leave the user lying on the product whilst connected to a hoist.



Do not use as a sling sheet. Can be combined with a hoist for e.g. repositioning in bed.



Make sure that all relevant brakes are activated before transferring the user.



### CE-certification:

This product is CE-approved and follows the harmonized standards. This means that the products are in compliance with the essential health and safety directives. The product(-s) comply with the standards in the Medical Device Regulation (EU) 2017/745 – class 1.

### User Weight:

Recommended max. user weight: 200 kg



### Ironing:

Do not iron.



### Washing:

This product can be washed in a washing machine at max. 85 °C. Gentle washing and dry tumbling significantly prolongs the durability.



### Dry cleaning:

Do not dry clean.



### Detergents pH level:

This product tolerates detergents / disinfectants with a pH level between 5-9.



### Bleach:

Do not bleach.



### Fabric softener:

Never use fabric softener as this will reduce the sliding properties significantly.



### Maintenance:

Make visual inspections frequently and preferably before every use. Pay attention to torn fabric, seams and straps. Products with high friction or other deficiencies must be discarded.



### Dry Tumbling:

This product may only be dry tumbled gently and at max. 40 °C. Airdrying prolongs the durability significantly.



### User Manual:

Always read the User Manual thoroughly before using the product.



### Surface cleaning:

The surface of this product can be cleaned with a wet cloth and soap.



### Disposal:

Always make sure to follow local guidelines when disposing or discarding the product.



### Disinfectants:

This product tolerates alcoholic disinfectants with a pH level between 5-9.

For more information, videos Quick Guide etc., visit [www.master-care.dk](http://www.master-care.dk)



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