

MADE IN  
EUROPE



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

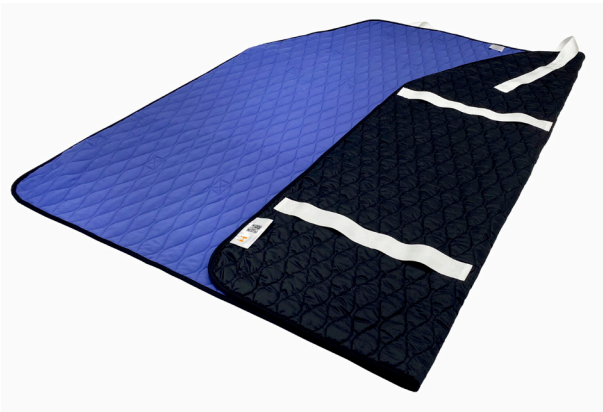
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(UK) User Manual

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Master Turner Royal - M

The Original Master Turner System



REF (Article no.)	HMI no.	Name - Size	UDI-DI/GTIN
MC 001-1723	131090	Master Turner Royal - M	05744001973929

Regulation MDR 2017/745 for medical devices class 1



ISO 12 31 03 21

The Original Nordic  
Human Handling Concept



SCAN ME

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 costumer 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 Master Turner and the Cover form a turning system that can be used for users where moving around in bed is difficult either due to physical or cognitive deficits. Friction is reduced between the user and the surface, thereby reducing the risk of shear injury for user and optimizing the ergonomic conditions for the caregiver when turning, moving the user up/down in bed or transferring to sitting on the bed side. The Master Turner should always be used in combination with a Mattress Cover from master care A/S to insure the best reduction of friction.

## **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.

## **Indication:**

For users who have difficulty moving around in bed either due to physical or cognitive disabilities.

## **Contraindication:**

If the user has reduced cognitive understanding and therefore reduced insight into understanding the functionality of the Master Turner,

and has the physical ability to move around in bed, there may be an increased risk of slipping out of bed if a bed rail is not used.

## **Warning:**

After repositioning - check that the product does not crease under the user, as this can result in pressure sores.

## **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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## Mounting the Mattress Cover and the Master Turner - M:



1. Mount the Mattress Cover – M on top of the mattress.



2. Place the Master Turner - M with the nylon side downwards and with "This side up..." tag towards the head of the bed.



3. To avoid unnecessary washing an incontinence sheet e.g., MC 001-1810 can be placed under the users pelvis.

## Get into bed using Master Turner - M (Assisted – 1 helper):



4. Make sure the bed is adjusted in an appropriate height. Elevate the rear bed rail. The user is sitting on the edge of the bed with the feet on the floor and the knees bend in an angle of app. 90 degrees.



5. The user leans towards the pillow supported by one or both arms. Continue the movement until positioned in a side lying position.



6. The user turns calmly to supine lying position while moving the legs onto the bed. The user can grab/use the rear bed rail for support during the transfer.

## Turning to side lying position using the bed rail (active user – 1 helper):



7. The user bends one or both legs and places the foot/feet on the mattress. If needed the user may grab the bed rail for support during the rotation/transfer in bed.



8. The user starts the transfer by turning to the side and pushing the pelvis backwards. Simultaneously the helper pulls the Master Turner to support the transfer.



9. To increase the side lying stability a Positioning Wedge e.g., MC 001-8035 can be used. Place it in front of the stomach for a comfortable support. The wedge keeps the user from rolling forward, increases the body awareness and perception and keeps the spine in alignment.



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## Turning to side lying positioning manually (less active user – 1 helper):



10. The user bends the legs and with assistance from the helper, moves to the side of the bed. Move by turns pelvis and upper body to support the natural movements.



11. A Positioning Wedge – S can be placed in front of the stomach. With one hand the helper grips the Master Turner near the hip and places the opposite hand on the user's hip. Turn the user to side lying position keeping the sensory input on the back side of the user's body.



12. After the repositioning a Back Wedge MC 001-8070 can be placed behind the user. If a Positioning Pillow was placed beside the user's legs before turning, assist the user when sliding the leg on top of the pillow.

## Turning to side lying with a hoist (less active user – 1 helper):



13. Move the user's hand up on the stomach. Mount the hoist, elevate the bed rail and move to the opposite side of the bed. Move the pillow to the side and if possible, place the user's hand on to the pillow. Positioning Wedge – S and Positioning Pillow - S can be placed in front of the user.



14. Elevate the lift and when the shoulder and the hip is lifted from the mattress, slide the user backwards - shoulder and hip by turns in short distances. The user helps by moving the legs. Elevate the hoist further to obtain a stable side lying position.



15. Ask the user to move the leg up on the Positioning Cushion. Adjust the side lying position by using the sliding properties under the user. A Back Wedge, e.g., MC 001-8075 can be placed behind the user before lowering and dismantling the hoist.

## Avoid sliding down in bed by using Positioning Wedges and Cushions (1 helper):



16. Place the user's pelvis correct in bed by using the sliding properties of the Master Turner. Elevate the knee rest to check the position.



17. Place two Positioning Wedges – XS MC 001-8040 under the Master Turner and the thigh bone/femur with the antiskid facing downwards. Place a Positioning Cushion between the foot of the bed and the user's feet – allow 5 cm space between the pillow and the feet.



18. Elevate the knee rest and afterwards the head rest. If the user's upper body slides to the side use the Positioning Wedges - M MC 001-8050 on both sides to increase the stability, comfort and also the body awareness and perception.

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## Maintaining the Master Turner – M position using Lock Straps - MC 001-1950:



19. Remove the footboard and pull the mattress a bit downwards. Fix the two Lock Strap on the underside of the head rest with the long adjustable end of the strap.



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



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

## Move the user higher up on top of the Master Turner - M (1-2 helpers):



22. If the user has been sliding down on top of the Master Turner – M repositioning is possible without the use of additional sliding material.



23. Ask the user to turn to side lying position. Pull the Master Turner – M downwards along the user's body and push it slightly under the user.



24. Ask the user to turn to the opposite side and straighten out the Master Turner – M. Repeat the procedure if necessary.

## Move the user higher up in bed using the Master Turner - M (1 helper):



25. Elevate the foot rest and lower the head rest. The user places the feet on Mattress Cover. Ask the user to slide the body upwards in bed. The helper can assist by pulling the Master Turner – M towards the head end of the bed.



26. Alternatively: Mount the ceiling hoist in the Hip straps of the Master Turner. Elevate slightly and ask the user to slide the body upwards using the elevated foot rest. Helper can assist as described in text 25.

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## Moving assisted to sitting on the edge of the bed with the ceiling hoist (Less active user 1-2 helpers):



27. Elevate the knee rest and afterwards the head rest. Lower the bed all the way down. Mount the hoist to the top straps of the Master Turner. Elevate the hoist to free the user's back from the head rest.



28. Lower the head rest. Ask the user to move the legs over the side of the bed towards the floor.



29. Make sure the bed is lowered into a suitable height for the user to sit comfortably on the edge of the bed.

## Placing the sling sheet under the Master Turner and lifting afterwards (Assisted. 1-2 helpers):



30. Turn the user to side lying position using a ceiling hoist and the Master Turner. Fold the sling sheet and place it between the Master Turner and the Mattress Cover.



31. Mount the ceiling hoist to the opposite side of the Master Turner, elevate and pull the sling into position using the sliding properties between the Master Turner and mattress cover.



32. For users with perceptual issues or nausea: Place a Positioning Pillow – S between the user's feet and the end of the bed. Place the sling sheet between the Master Turner and the Mattress Cover. Two helpers slide the sling sheet into place under the user by pulling the leg straps.



33. Move the Leg straps to each side and on top of the Master Turner. Place the Leg straps under the user's legs preferably using the Sling Sock Basic - MC 003-9031 to reduce the risk of shear injuries during lifting.



34. Elevate the knee rest and the head rest. Mount the sling sheet and lift the user up from the bed with the Master Turner placed between the user's back and the sling sheet.



35. Fold the loose end of the Master Turner backwards and up towards the back of the sling sheet before lowering the user into the wheelchair.



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## Placing the sling sheet under the Master Turner and lifting afterwards – continued:



36. Lower the user into the wheelchair. The Master Turner is wrapped around the sling sheet like a "U". The user should not be sitting on the Master Turner in the chair.



37. Slide the Leg straps out of the Sling Socks and slide the sling sheet up between the two ends of the Master Turner. This way the user does not have to lean forward or lift the legs to remove the sling sheet.



38. The helper pulls the end of the Master Turner facing the back of the wheelchair towards the head. This way the Turner slides upon itself and leaves the user's clothes the way it was placed when lying in bed.

## Improve the lifespan of your Master Turner - M:



39. A separate incontinence sheet can be placed on top of the Master Turner, Inco Master - S MC 001-1801 e.g. as this will reduce the number of washings and extend the properties of the sliding material.

## Cleaning and reusing the product for new users:



40. This product can be cleaned in a washing machine. After cleaning, the product can be reused by other users.

Make sure the product is inspected regularly - see section 'Inspection'. If the product has high friction or is otherwise broken, discard the product.

Product Quality - Functionality - Quality of Life



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## Technical Specifications

### ISO certifications:

ISO 12952-1:2015

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

REF - Product Name:	Size:	Handles:	Max. user weight:	Product content:	Product weight:
MC 001-1723 Master Turner Royal - M	L 140 x W 150 cm	14	180 kg	72% Polyester, 18% Polyamide, 8% Cotton, 2% Silicone	1 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: 180 kg



#### Washing:

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



#### Detergents pH level:

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



#### Fabric softener:

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



#### Dry Tumbling:

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



#### Surface cleaning:

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



#### Disinfectants:

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



#### Ironing:

Do not iron.



#### Dry cleaning:

Do not dry clean.



#### Bleach:

Do not bleach.



#### Inspection:

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.



#### User Manual:

Always read the User Manual thoroughly before using the product.



#### Disposal:

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

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

