

# 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

19\_20240108\_UK

## Master Turner Royal Duo

The Original Master Turner System



Master Turner Royal Duo



Master Turner Royal Duo Inco



Article no.	HMI no.	Name - Size	UDI-DI/GTIN
<input type="radio"/> MC 100-1118		<b>Master Turner Royal Duo - Set</b>	<b>5744001973967</b>
<input type="radio"/> MC 001-1736	131091	Master Turner Royal Duo Top - L	5744001973950
<input type="radio"/> MC 001-1737	131092	Master Turner Royal Duo Bottom - L	5744001973943
<input type="radio"/> MC 001-2536	131087	Master Turner Royal Duo Inco Top - L	5744001973998
<input type="radio"/> MC 001-2537	131088	Master Turner Royal Duo Inco Bottom - L	5744001973981
<input type="radio"/> MC 001-1949	Accessories	Washing Straps - Duo Top (10 pcs)	5744001970911

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.

## **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.

## **Proper 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.

## **Warning:**

Always make sure not to position the user too close to the edge of the mattress if sitting on top of the Mattress Cover since this poses a risk of sliding off/down. If the user is transferred to a sitting position on the edge of the bed, always make sure the knees have a 90-degree

angle, the feet can reach the floor and to have enough non-skid under the user's thighs.

## **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 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 correct national authority and to master care A/S or the distributor.

master care A/S takes 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.



# User Manual - Master Turner Royal Duo

## Table of Contents

The various models of Master Turner Duo: .....	page 2
Mounting Master Turner Duo: .....	page 2
Placing the user onto the Master Turner Duo: .....	page 2
Turning in bed with a ceiling hoist (Slightly dependent user, 1 helper): .....	page 3
Separating the Master Turner Duo - Top and Bottom when using a hoist: .....	page 4
Transferring the user from side lying to supine lying using the hoist: .....	page 4
Higher up on top of the Master Turner Duo with a sliding material (1-2 helpers): .....	page 4
Placing a sling sheet under the Master Turner and lifting (2 helpers): .....	page 5
Avoid sliding downwards in bed by using cushions and wedges (1 helper): .....	page 6
Higher up in bed manually with Master Turner Duo (1-2 helpers): .....	page 6
Higher up in bed with a hoist using Master Turner Duo (1-2 helpers): .....	page 7
IMPORTANT: Washing information - make sure that the hook and loop tape does not ruin the nylon: .....	page 7
Technical Specifications. ....	page 8





# User Manual - Master Turner Royal Duo

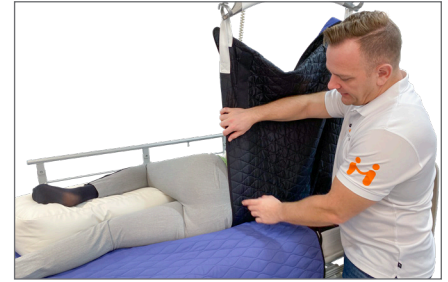
## The various models of Master Turner Duo:



1. Master Turner Duo:  
Dividable - Assembled with hook and loop tape.  
Soft, woven surface. With the classic sweat absorbent core to reduce heat accumulation.



2. Master Turner Duo Inco:  
With a built-in incontinence membrane.  
Dividable - Assembled with hook and loop tape.  
Soft, grey, woven surface. With the classic sweat absorbent core to reduce heat accumulation.



3. Unique to the Duo models:  
The lift can stabilize the user in side lying position using the Master Turner Duo-Top for instance while performing perineal care.

## Mounting Master Turner Duo:



4. Mount a Mattress Cover. Place the Master Turner Duo - Bottom on the lower part of the cover, with the hook and loop tape facing upwards towards the head rest.



5. Place the Master Turner Duo - Top on top of the bed with the soft side upwards and the slippery side down. Remove the loop protective tape - used during washing.



6. Assemble the Top hook and loop tape with the bottom part. The Master Turner Duo is ready for use.

## Placing the user onto the Master Turner Duo:



7. The surface of the Master Turner Duo is a specially made soft material so the user can lie directly on it. If needed a sheet, incontinence sheet or a drawsheet can be placed on top of the Master Turner Duo.



8. Place the user onto the Master Turner Duo using the hoist. Place the user with the lower part of the back where the Master Turner Duo - Top ends. The user's pelvis is now placed onto the Master Turner - Bottom.

# User Manual - Master Turner Royal Duo

## Turning in bed with a ceiling hoist (Slightly dependent user, 1 helper):



9. Place the user correctly on the Master Turner Duo - see picture 8. Attach the Master Turner Duo - Top hip and shoulder straps to the yoke, elevate the hoist to get light weight bearing.



10. Attach the hip strap of the Master Turner Bottom to the yoke using the hook and loop tape. Elevate the bedrail and walk to the opposite side of the bed.



11. Slide the pillow to the side and place the closest hand on the pillow. For extra support and to minimize the feeling of falling forwards a Positioning Wedge – S MC 001-8035 can be placed next to the stomach before the transfer.



12. Before starting the turn a Positioning Cushion – S MC 001-8020 can be placed next to the user's legs to support the side lying position. If necessary, place some folded sliding material on top of it.



13. Elevate the hoist. Keep visual contact with the user - if there are signs of unease, tension, discomfort take a short break, give the user some time to calm down before continuing the turning.



14. 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. The hoist eases the transferring backwards.



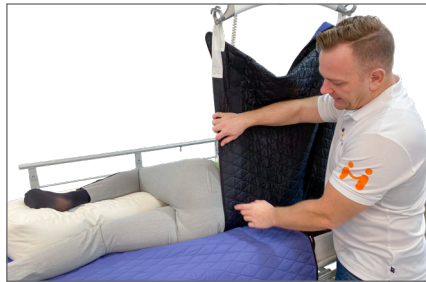
15. When the user is side lying slide the upper leg forwards towards the Positioning Wedge. Adjust the position by using the sliding material under the leg. Remove the sliding material afterwards.

# User Manual - Master Turner Royal Duo

## Separating the Master Turner Duo - Top and Bottom when using a hoist:



16. The user is side lying when the Master Turner Duo - Bottom hip strap is removed from the yoke using the hook and loop tape. *Do not* lower the hoist to do this. Separate the Bottom part from the Top part where they are joint with the hook and loop tape.



17. The Top part remains connected to the yoke. This way the hoist is doing the heavy, static, lifting during the perineal care in side lying position. This can also provide a safe and stable support for the agitated user.



18. When the session is finished, reconnect the hook and loop tape from the Bottom part to the Top part and reconnect the hip strap to the yoke also.

## Transferring the user from side lying to supine lying using the hoist:



19. Connect the Master Turner Duo to the yoke and elevate the bed rail behind the user. If necessary, use a bilayed sliding material between the legs. Slide the upper arm backwards and support the upper hip crest.



20. While lowering the hoist, push the user gently backwards, towards the Master Turner. This gives the user tactile information to the back. Slide the user a bit forwards on the mattress during the transfer to be free of the bed rail.

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



21. Place a bilayed piece of sliding material under the user on top of the Master Turner. If it is possible, remove the covers sliding flap under the patient's upper body. Pull up the user on top of the Master Turner Duo - a drawsheet or a Mini Master can be used.



22. Alternatively: If the user has slipped way down, it can be necessary to hoist the user out of bed and repositioning the Master Turner.

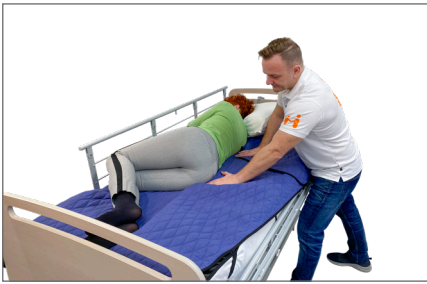


23. If the user has slipped way down on top of the Master Turner Duo, it can be due to challenges with the sitting position. To reduce the risk of shear and the sliding down, it is recommended to use positioning cushions and pillows instead of removing the sliding flaps in the cover.



# User Manual - Master Turner Royal Duo

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



24. Another alternative is to turn the user to side lying position. Pull the Master Turner diagonally down towards the foot of the bed behind the user.



25. Turn the user to the opposite side and repeat the diagonally downwards pulling of the Master Turner.



26. If the user is situated more to one side, turning to side lying position can be used to reposition them correctly. Shove an extra bit of Master Turner under the user, return them to supine lying and pull out the Turner from under the user on the opposite side.

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



27. Attach the Master Turner Duo 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.



28. Connect the Master Turner to the opposite side and position the sling sheet under the patient using the sliding surfaces between the Master Turner and the Mattress Cover.



29. For patients with nausea or tactile issues: Place a Positioning Cushion – S between the feet and the foot board. The helpers place the sling sheet between the Master Turner and the Mattress Cover and slides it down to the correct position.



30. Open the hook and loop tape between the Master Turner Duo - Bottom and - Top. If convenient fold the upper corners of the Master Turner - Bottom downwards. Slide the leg straps onto the top of the Master Turner - Bottom.



31. Place the leg straps under the user's legs. Preferably use 2 Sling Sock Basic - M MC 003-9031 to avoid lifting, to facilitate placement and to reduce skin shear during lifting.



32. Adjust the bed into sitting position and hoist the user from the bed with the Master Turner Duo - Top behind the user's back.

# User Manual - Master Turner Royal Duo

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



33. When hoisting the user from bed to e.g., wheelchair there is no risk of shear from the sling sheet under the legs, if the Sling Socks are used, because the leg straps slide inside the padded Sling Socks.



34. Slide the leg straps out of the Sling Socks. Fold the Sling Socks out from under the user's legs. Slide/roll the sling sheet upwards towards itself - this way it slides easily. This way the patient does not need to lean forward or lift the legs to remove the sling sheet.



35. Grip the lower corners of the Master Turner Duo - Top, fold them backwards towards the back of the chair. This way the back most part slides on the front part of the Master Turner and it slides without pulling the user's clothes.

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



36. 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.



37. 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.



38. Elevate 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.

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



39. 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.



40. 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 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.



# User Manual - Master Turner Royal Duo

## Higher up in bed with a hoist using Master Turner Duo (1-2 helpers):



41. Using the hoist. Mount the hoist around the patient's pelvis and elevate slightly to barely lift the pelvis of the mattress. A hand can be placed next to/under the pelvis to make sure the elevating is not too high.



42. The helper pulls the Master Turner from each side to make the transfer higher up in bed.



43. Alternatively the helper can push from under the user's ankles or feet to make the transfer higher up in bed. Make sure to elevate the foot end of the bed before making the transfer.



44. Make sure to attach the washing strap to the Master Turner Duo - Top before washing. This ensures the hook part of the hook and loop tape does not damage the sliding material during washing.

# User Manual - Master Turner Royal Duo

## Technical Specifications

### Materials:

Master Turner Duo: Cotton, polyester, polyamide, nylon.

Master Turner Duo Inco: Cotton, polyester, polyamide, polyuretane, 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 001-1736 Master Turner Royal Duo - Top	L 100 x W 150 cm	6	200 kg
MC 001-1737 Master Turner Royal Duo - Bottom	L 160 x W 150 cm	6	200 kg
MC 001-2536 Master Turner Royal Duo Inco - Top	L 100 x W 150 cm	6	200 kg
MC 001-2537 Master Turner Royal Duo Inco - Bottom	L 160 x W 150 cm	6	200 kg
MC 001-1949 Washing Straps - Duo Top (10 pcs)	L 35 x W 4 cm	-	-

## 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: L 200 kg, XL 400kg.



### Washing:

This product can be washed in a washing machine at max. 60 °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.



### 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.



### 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)

