

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

13_20231009_UK

Exchange Cover

The Original Master Turner System



Exchange Cover ST



Exchange Cover 2



Exchange Cover 3



Article no.	HMI no.	Name - Size	UDI-DI/GTIN
<input type="radio"/> MC 004-3010	71684	Exchange Cover 2 - 200x80x19	5744001972717
<input type="radio"/> MC 004-3011	73522	Exchange Cover 3 - 200x80x19	5744001972724
<input type="radio"/> MC 004-3012	81785	Exchange Cover 2 - 200x100x19	5744001972731
<input type="radio"/> MC 004-3013	81784	Exchange Cover 3 - 200x100x19	5744001972748
<input type="radio"/> MC 004-3015	77598	Exchange Cover 2 - 200x120x19	5744001973639
<input type="radio"/> MC 004-3016	83692	Exchange Cover 2 - 200x80x19	5744001973646
<input type="radio"/> MC 004-3017	79779	Exchange Cover 3 - 200x95x19	5744001972755
<input type="radio"/> MC 004-3018	79781	Exchange Cover 3 - 210x95x19	5744001972762
<input type="radio"/> MC 004-3019	81783	Exchange Cover 3 - 200x120x19	5744001972779
<input type="radio"/> MC 004-3021	82209	Exchange Cover 3 - 200x140x19	5744001973653
<input type="radio"/> MC 004-3022	83693	Exchange Cover 3 - 210x85x19	5744001972786
<input type="radio"/> MC 004-3024	83695	Exchange Cover 3 - 210x145x19	5744001973677
<input type="radio"/> MC 004-3029	102336	Exchange Cover 3 - 200x90x18	5744001972816
<input type="radio"/> MC 004-3030	112055	Exchange Cover 3 - 200x90x27	5744001972823
<input type="radio"/> MC 004-3031	89075	Exchange Cover 2 - 200x80x25	5744001972830
<input type="radio"/> MC 004-3032	123483	Exchange Cover 2 - 210x85x20	5744001972847
<input type="radio"/> MC 004-3033	100089	Exchange Cover 3 - 200x85x20	5744001972854
<input type="radio"/> MC 004-3035	112871	Exchange Cover 3 - 200x100x27	5744001972861
<input type="radio"/> MC 004-3039	89076	Exchange Cover ST - 200x80x19	5744001972885
<input type="radio"/> MC 004-3042	102669	Exchange Cover 2 - 200x85x25	5744001972892
<input type="radio"/> MC 004-3043	102670	Exchange Cover 3 - 200x85x25	5744001972908
<input type="radio"/> MC 004-3044	105258	Exchange Cover 3 - 200x105x20	5744001972915
<input type="radio"/> MC 004-3090	89408	Exchange Cover 2 NIMBUS - 200x85x25	5744001972922

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 are 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 Master Turner from master care a/s.

Correct use of the product:

The combination of the Mattress Cover and Master Turner 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 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 averages 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.



User Manual - Exchange Cover

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User Manual - Exchange Cover

Mounting the Mattress Cover Exchange:



1. Unfold the Mattress Cover and place it on top of the mattress with the label 'This side up...' towards the headboard.



2. Turn both top corners inside out. Place a hand inside the cover's corner and fold it around the corner of the mattress, without lifting the mattress. Repeat on the other side.



3. In the foot end, open the hook and loop fasteners in the corners of the mattress cover.



4. Close the hook and loop fastener around the cord of the airflow mattress, to prevent the cord from folding or bending.



5. Fit the hook and loop fastener at the opposite corner around the airflow mattress clamping.



6. Fit the CPR-valve through the small opening on the side of the cover.

Removing the sliding flap using the ceiling hoist (1 helper):



7. Are you doing the transfer alone or if the user is heavy, use the ceiling hoist. Lift the bed rail on the opposite side. Mount. Connect the Master Turner to the hoist and elevate the user slightly.



8. Open the two pieces of Hook-and-Loop-Tape on the sliding flap. Place the two, white strap on top of the flap and slide them under the user e.g., under the knee, lower back, or neck. Lower the hoist. Pull up the bed rail.



9. Move to the opposite side, grab the straps, and pull them out. If the traps cannot be reached, connect the hoist, elevate, and pull the straps. Let the flap hang down visibly.

User Manual - Exchange Cover

Remove the sliding flap manually (2 helpers):



10. Place the user the correct in bed. Helper A grips the Master Turner and tips the user slightly. Helper B loosens the white strap and folds them on top of the flap and slides them towards Helper A.



11. Slide the straps towards the helper A using the cavity under e.g., the neck, lower back, knee, or over the heel until resistance is felt.



12. Helper B pulls/holds the Master Turner, while Helper A grips the white straps and pulls them out. The sliding flap is removed.



13. Let the flap hang down visibly. This way it is very clear that the Master Turner is locked and cannot slide on this part of the Mattress Cover.

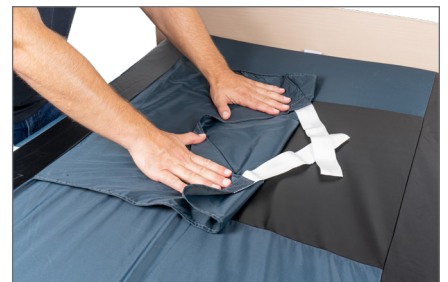
Replacing the sliding flap under the user manually (2 helpers):



14. Helper A holds the Master Turner from the opposite side to make room for Helper B to reposition the flap. Fold the flap on top of itself and slide it under the user.



15. Slide the flap under the user from the middle and smoothen it out towards the sides. Repeat several times until resistance is felt.



16. Now bring the two white straps together and slide them under the user on top of the Mattress Cover. Use the cavities under e.g., the neck, lower back, knee, or over the heels.

User Manual - Exchange Cover

Replacing the sliding flap under the user manually (2 helpers) – continued:



17. Helper A slowly lets go of the Master Turner and Helper B grabs it. This way the two white straps become reachable for Helper A.



18. If Helper A cannot reach the white straps Helper B can tip the user slightly to the side, if necessary, bend the user's legs and move the arm towards the chest.

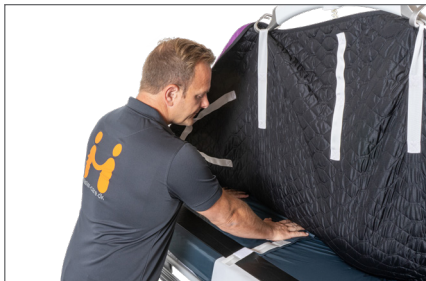


19. Helper A slides the flap in place via the white straps. Hereby all sliding properties are restored.

Replacing the sliding flap under the user using the ceiling hoist (1 helper):



20. Elevate the bed rail and go to opposite side. Connect the Master Turner to the ceiling hoist and elevate slightly.



21. Place the hands on the bilyed flap. Slide the flap under the user from the middle and smoothen it out towards the sides. Repeat several times until resistance is felt.



22. Lower the hoist and detach the Master Turner. Elevate the bed rail and walk to the opposite side.



23. Lift the Master Turner to see if it is possible to reach the white straps. If not, connect the hoist and elevate the user slightly.



24. Pull the white straps to straighten out the flap. Reconnect the Hook-and-Loop-Tape and all sliding properties are restored.

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Place the sliding flap manually using the Hand Master (1 helper):



25. Place the flap bilayed between the Mattress Cover and the Master Turner. Put on the Hand Master on one or both hands.



26. Place the palm of the hands on top of the flap. Slide the flap under the user from the middle and smoothen it out towards the sides. Repeat several times until resistance is felt.



27. After sliding the flap under the user, slide the user a bit to the side, towards the helper. From the opposite side pull out the flap and reconnect the Hook-and-Loop-Tape to the Mattress Cover.

Stabilizing a user sitting on the edge of the bed – Mattress Cover 1 or 3 (1 helper):



28. If the 10 cm anti-skid does not stabilize the user enough when sitting on the edge of the bed, use the flap in the middle. Place the Mattress Cover so that the flap slides away from the user's legs.



29. The helper loosens the white straps and slides them backwards on top of the flap.



30. The helper pulls the flap backwards whereby the black anti-skid surface stabilizes and locks the Master Turner and thus secures the user's sitting position.

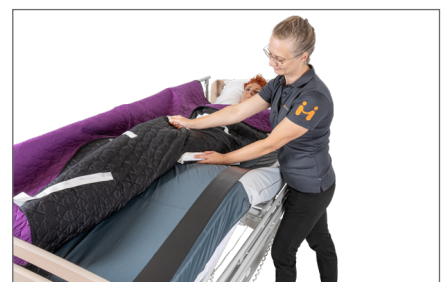
Using wedges and cushions with the Mattress Cover Exchange:



31. It can be an advantage to use strategically placed positioning cushions and wedges instead of the flaps. The use of cushions and wedges can reduce the risk of tissue and shear injuries caused by misuse of the Mattress Cover and inappropriate positioning.



32. Always place the user's pelvis the correct in the bed according to the head and midsection, before placing the positioning cushions and wedges.



33. To stabilize the sitting position the Positioning Wedges - XS are essential under the thighs. The wedges angles combined with the anti-skid surface of the wedge supports the optimal position. The pelvis can still be moved although the user does not slide down in bed.

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Using wedges and cushions with the Mattress Cover Exchange – continued:



34. A Positioning Cushion under the feet gives the user a great body perception and awareness along with the opportunity to adjust the position. It reduces the sliding down in bed and the risk of contracture of the calf muscles. Fully elevate the knee rest and elevate the back rest afterwards.



35. The wedges along the sides create great body perception and awareness and they reduce the risk of the upper body sliding to one side. Place the wedges under the Master Turner to support the user's movements, but still creating a safe environment.



36. Pillows or cushions under the arms or/and hands can be an advantage for hemiplegic user's or users with low muscle tone or strength.

Advantages/disadvantages using Mattress Covers with no flaps (ST) or two flaps (2):



37. ST Cover: Cover without flaps. The cover does not have the ability to lock the Master Turner towards the Mattress Cover. This minimizes the risk of shear injuries for the user in case of misuse. As an alternative cushions and wedges can be used.

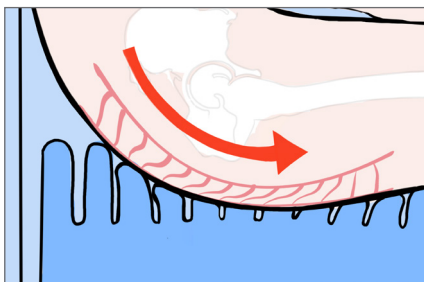


38. Exchange 2: This cover has permanent sliding properties under the pelvis and flaps under the upper body and under the legs. This makes it possible to stabilize the upper body briefly during dressing, ADL, ect.. Long term removal of the flaps is not recommended due to the risk of shear and tissue injuries. It is recommended to use the Master Comfort cushions and wedges for positioning over longer periods of time – to optimize the sitting and lying position and to optimize the comfort.

Advantages/disadvantages using Mattress Covers with 3 flaps:



39. The cover can lock under respectively legs, upper body and pelvis when removing the flap. Long term removal of the flaps is not recommended due to the risk of shear and tissue injuries. It is recommended to use the Master Comfort cushions and wedges to optimize the longer lasting sitting and laying positions and to increase the comfort.



40. SHEAR INJURIES: Locking the flaps will lead to no micro movements for helpers or user. The Master Turner should not be locked over time, as this can lead to shear and tissue injuries for users with sensitive skin.



41. Removing the flap under the pelvis should only take place after a thorough skin assessment and risk assessment of the user's skin. A better alternative is using Positioning Wedges – XS under the thighs, Positioning cushion – S under the feet and possibly Positioning Wedges – M along the sides of the upper body to stabilize the user and minimizing the risk of tissue damage.

Product Quality - Functionality - Quality of Life



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User Manual - Exchange Cover

Technical Specifications

Materials:

Nylon, polyester, polyurethan

Article no. - Product Name	Size:	Sliding piece	Number of flaps	Max. User Weight
MC 004-3010 Exchange Cover 2 - 200x80x19	L 200 x W 80 x H 19 cm	L 200 x W 60 cm	2	200 kg
MC 004-3011 Exchange Cover 3 - 200x80x19	L 200 x W 80 x H 19 cm	L 200 x W 60 cm	3	200 kg
MC 004-3012 Exchange Cover 2 - 200x100x19	L 200 x W 100 x H 19 cm	L 200 x W 80 cm	2	400 kg
MC 004-3013 Exchange Cover 3 - 200x100x19	L 200 x W 100 x H 19 cm	L 200 x W 80 cm	3	400 kg
MC 004-3015 Exchange Cover 2 - 200x120x19	L 200 x W 120 x H 19 cm	L 200 x W 100 cm	2	400 kg
MC 004-3016 Exchange Cover 2 - 200x80x19	L 200 x W 80 x H 19 cm	L 200 x W 60 cm	2	200 kg
MC 004-3017 Exchange Cover 3 - 200x95x19	L 200 x W 95 x H 19 cm	L 200 x W 75 cm	3	200 kg
MC 004-3018 Exchange Cover 3 - 210x95x19	L 210 x W 95 x H 19 cm	L 210 x W 75 cm	3	200 kg
MC 004-3019 Exchange Cover 3 - 200x120x19	L 200 x W 120 x H 19 cm	L 200 x W 100 cm	3	400 kg
MC 004-3021 Exchange Cover 3 - 200x140x19	L 200 x W 140 x H 19 cm	L 200 x W 120 cm	3	400 kg
MC 004-3022 Exchange Cover 3 - 210x85x19	L 210 x W 85 x H 19 cm	L 210 x W 65 cm	3	200 kg
MC 004-3024 Exchange Cover 3 - 210x145x19	L 210 x W 145 x H 19 cm	L 210 x W 125 cm	3	400 kg
MC 004-3029 Exchange Cover 3 - 200x90x18	L 200 x W 90 x H 18 cm	L 200 x W 70 cm	3	200 kg
MC 004-3030 Exchange Cover 3 - 200x90x27	L 200 x W 90 x H 27 cm	L 200 x W 70 cm	3	200 kg
MC 004-3031 Exchange Cover 2 - 200x80x25	L 200 x W 80 x H 25 cm	L 200 x W 60 cm	2	200 kg
MC 004-3032 Exchange Cover 2 - 210x85x20	L 210 x W 85 x H 20 cm	L 200 x W 65 cm	2	200 kg
MC 004-3033 Exchange Cover 3 - 200x85x20	L 200 x W 85 x H 20 cm	L 200 x W 65 cm	3	200 kg
MC 004-3035 Exchange Cover 3 - 200x100x27	L 200 x W 100 x H 27 cm	L 200 x W 80 cm	3	400 kg
MC 004-3039 Exchange Cover ST - 200x80x19	L 200 x W 80 x H 19 cm	L 200 x W 60 cm	0	200 kg
MC 004-3042 Exchange Cover 2 - 200x85x25	L 200 x W 85 x H 25 cm	L 200 x W 65 cm	2	200 kg
MC 004-3043 Exchange Cover 3 - 200x85x25	L 200 x W 85 x H 25 cm	L 200 x W 65 cm	3	200 kg
MC 004-3044 Exchange Cover 3 - 200x105x20	L 200 x W 105 x H 20 cm	L 200 x W 85 cm	3	400 kg
MC 004-3090 Exchange Cover 2 NIMBUS - 200x85x25	L 200 x W 85 x H 25 cm	L 200 x W 65 cm	2	200 kg

ISO certifications:

ISO 12952-1:2015

Textiles – Assessing the ignitability of all bedding items - Part 1: Smouldering cigarette.

ISO 12952-2:2015

Textiles – Assessing the ignitability of all bedding items - Part 2: Match-flame equivalent.

WARNINGS



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



Never leave the product on the floor.



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 or 400 kg. See table for more info.



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.



Washing:

Products *with* Hook-and-Loop tape can be washed in a washing machine at max. 60 °C. Products *without* Hook-and-Loop tape can be washed in a washing machine at max. 85 °C. Gentle washing significantly prolongs the durability.



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

