



AB GERMA®

AMBULANCE EQUIPMENT

Germa Easy Transfer Mattress

Easy Transfer Mattress is developed in co-operation with our customers with focus on ergonomics, patient safety and comfort, for patient handling.

Easy Transfer Mattress has been tested by trauma teams to secure efficient handling plus quick, safe and easy transfer of patients including heavy duty patients.

Easy Transfer Mattress approved according to EN 1865 and EN 1789

Art no: 271 030 000

Features and Benefits:

Safety

Easy to adjust safety belts according to standard EN 1865 and EN 1789

Comfort

Extra comfort by using 62 mm V-foam which support patients body weight and deliver a safe and comfort feeling.

Ergonomics

Strong handles to support lift, carry or slide of patient on the mattress using 10 strong handles. It is possible to lower the head for upper airway management. Carry capacity 250 kg.

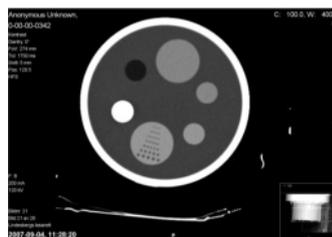
Designed to fit on top of Mondial stretchers and other most common stretcher designs.

Possibility

Storage of journals paperwork under the pillow



Reinforced reversers of the mattress to reduce friction and improve patient handling



X-ray, CT and MRI testing of translucent capacity for Germa Transfer Mattresses

Specification - Easy Transfer Comfort Mattress

PVC- Polyester fibre flame retardant
 PP-plate and grass fibre material to reduce friction
 Foam 6 cm V-shaped (material that deliver super comfort and side support to the patient)

Dimensions and weight

Length: 185 x 50 x 6 cm
 Weight: 4,7 kg
 Handles: 10

Ordering Specification

Easy Transfer Comfort Mattress

Art. No.

271030000

Germa Safe Transfer Mattress

Safe Transfer Mattress has been developed in co-operation with our customers and focusing on patient safety and comfort, this together with additional values of practical use to treat the patient.

Safe Transfer Mattress has been tested together with trauma teams to secure efficient handling plus quick and easy transfer of patients also high weight patients.

Safe Transfer Mattress has been tested and approved according to EN 1865 and EN 1789

Art no: 271 029 000

Extra features:

Safety

Easy to adjust safety belts according to standard EN 1865 and EN 1789

Comfort

Extra comfort by using 62 mm **Sensus** foam which support patients body weight and deliver a safe and comfort feeling.

Treatment

Easy to carry or slide over patient just on the mattress with 12 strong handles. It is possible to lower the head for upper airway management. Carry capacity 250 kg.

Possibility

Storage of journals paperwork under the pillow

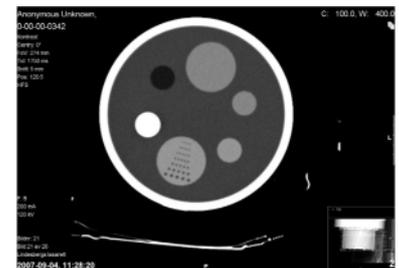
- Hygienic full welded easy to clean with most common disinfectants
- Sliding material under the mattress, easy to slide patient over to e.g. hospital bed.
- *Fits together with Germa Step by Step carry Kit



Reinforced reversers of the mattress to reduce friction and improve patient handling



X-ray, CT and MRI testing of translucent capacity for Germa Mattresses



Specification - Safe Transfer Comfort Mattress

PVC- Polyester fibre flame retardant
4,5 cm polyether + 1,7 cm Sensus (material that forms easy and deliver super comfort)

Dimensions and weight

Length: 190 x 50 x 6 cm
Weight: 5,5 kg
Handles: 12

Ordering Specification

Safe Transfer Comfort Mattress

Art. No.

271029000

Germa Transfer Mattress

Germa Stretcher/Transfer Mattress

Orange Line - Blue Line

Application

Germa offers two different series of Stretcher/Transfer Mattresses.

The Orange Line is the original high quality, long-life model.

The Blue line is Germa's competitive price model.

The Germa Stretcher/Transfer Mattress is intended to facilitate patient transfer from one stretcher to another. Furthermore, it can also be used as a comfortable stretcher mattress, its flexibility ensuring a good fit on the stretcher

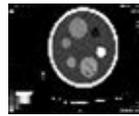
Specifications

Approved according to European Standard EN 1865

Material

PVC-coated polyester fibre (flame retardant).

Inner: Comfortable foam mix



X-ray, CT and MRI testing of translucent capacity



Features

Equipped with unique rugged sliding material on the back of the mattress, enabling smooth transfer of mattress with patient from stretcher to stretcher, trolley or x-ray facility.

Handles are reinforced to withstand the force required. This reinforcement also makes it possible to use the Germa Stretcher/Transfer Mattress in a patient lifting and handling device.

Ergonomic grip on the handles.

The Germa Stretcher/Transfer has a flexible inner plate to ensure fit on the stretcher no matter how the stretcher is positioned, the mattress is flexible and will follow the curves of the stretcher easy.

Robust welding - fully welded without any open seams or textiles, making hygienic and to cleaning of the mattress easy.

Orange Line

Blue Line

X

X

X

X

X

X

X

X

X

Ordering specification - Orange Line

Stretcher/Transfer Mattress 12 (6 handles on each side)

Stretcher/Transfer Mattress 16 (6 handles on each side and additional 2 handles at the ends)

Pillow for Stretcher/Transfer Mattress. Made in orange PVC coated fabric and polystyrene granules. Flame retardant.

Ordering specification - Blue Line

Stretcher/Transfer Mattress 12 (6 handles on each side)

Stretcher/Transfer Mattress 16 (6 handles on each side and additional 2 handles at the ends)

Dimensions and weight

195 x 50 x 6 cm, 5,3 kg

210 x 50 x 6 cm, 5,8 kg

Art. No

271 008 000

271 022 000

273 101 000

271 708 000

271 722 000

Germa Step by Step Evacuation

Step by Step Transfer is intended to be used as a tool for patient management from the accident scene to the stretcher in cooperation with Germa Transfer Mattresses.

Designed to support safe patient handling during evacuation to a stretcher for ambulance transportation. (EN 1865 and EN 1789).

Step by Step can be handled by two persons for a shorter distance, and a longer distance with two or more rescue personnel, use of additional straps.

You can pull and slide the mattress on the ground by assembling Step by Step as described in this manual on the designated handles.

Step by Step can also be used as a evacuation tool to slide down stair cases, with minimum two rescuer for safe and comfortable evacuation.



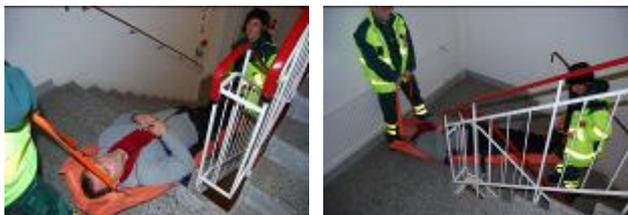
Temperature range: -30°C to +70°C

Parts/Materials

Material: Polyester webbing, coated polyester fabric

Carabiner: Steel galvanized

Weight: 1 kg



Dimensions	Length (cm)	Width (cm)	Height (cm)	Weight (kg)	N °of handles	Art no
Step by Step Easy Transfer	30	10	10	1	2+2	15 000 000 023
Step by Step Safe Transfer	30	10	10	1	2+2	15 000 000 004

Germa Mondial Contoured Mattress

Mondial Mattress is developed in co-operation with Ferno International focusing on safety and comfort for the patient.

This mattress is designed with help of trauma team to secure an efficient handling, safety and comfort. Mattress is designed and construction is compliant to the European standard EN 1865 and EN 1789. This mattress comes with 2 year warranty, not covering for outer violence.

Features and benefits:

Safety

Easy to assembly and adjust stretcher restraint system according to standard EN 1789 and EN 1865

Comfort

Extra comfort by using a combination with **Sensus** foam which reads and support patients body and even out pressure points to deliver premium safe and comfort feeling when laying on the mattress. Extra pillow to create added comfort for patients head and neck part.

Handling

Pillow is designed to be adjusted in position and to bridge when using head extension part of the stretcher.

- Hygienic, all welded product, easy to clean with most common disinfectants
- Side support, contoured mattress to create safe feeling and comfort.
- Designed to fit on top of Ferno Mondial stretchers, fixation with plastic hook. Important to use stretcher restraint system according to European standard EN 1789
- Plastic hooks or Velcro, hooks and loops adhesive opportunity for fixation



Material

Outer material: Polyester fibre, PVC-coated (flame retardant)
 Foam: Sensus memory foam
 Fixation: Plastic hooks or hooks and loops

Accessories:

Art no: 15 000 000 012
 Art: XL-pillow with vacuum positioning



Specification - Mondial mattress

Padova PVC- Polyester fibre flame retardant, compliant to EN 1865
 all parts 1,5 cm Sensus foam material

Dimensions and weight

Length: 199 x 47 x 4 / 6 /10 cm
 Weight: 4,1 kg

Ordering Specification

Mondial Mattress contoured Ferno label

Art. No.

23 271664000

Germa Mondial Flat Mattress

Mondial Mattress is developed in co-operation with Ferno International focusing on safety and comfort for the patient.

This mattress is designed with help of trauma teams to secure efficient handling with safety and comfort for the patient. Mattress is designed to be compliant to the European standard EN 1865 and EN 1789.

Features and benefits:

Safety

Easy to assembly and adjust stretcher restraint system according to standard EN 1789 and EN 1865

Comfort

Extra comfort by using a combination with **Sensus** foam which reads and support patients body and even out pressure to deliver premium safe and comfort feeling when laying on the mattress. Extra pillow to create added comfort for patients head and neck part.

Handling

Pillow is designed to be adjusted in position plus to bridge when using head extension part on the stretcher.

- Hygienic, all welded product, easy to clean with most common disinfectants
- Side support via V-shaped foam in different density in the mattress to create safe feeling and comfort.
- Designed to fit on top of Ferno Mondial stretchers, fixation with plastic hook. Important to use stretcher restraint system according to European standard EN 1789
- Plastic hooks or Velcro, hooks and loops adhesive opportunity for head part fixation of the mattress on to the stretcher.



Material

Outer material: Polyester fibre, PVC-coated (flame retardant)
 Foam: Sensus memory foam
 Fixation: Plastic hooks or Hooks and Loops

Accessories

Art no: 15 000 000 012 Art:
 XL-pillow with vacuum positioning

Specification - Mondial mattress		Dimensions and weight
PVC- Polyester fibre flame retardant, compliant to EN 1865 all parts V-shaped different density foam material		Length: 196 x 47 x 8 cm Weight: 4,1 kg
Ordering Specification		Art. No.
Mondial Mattress	Ferno label	23 271664001

Germa Ferno MonoBloc/MonoBloc P26 Mattress

Application:

MonoBloc Comfort Mattress tailor made to fit on Ferno MonoBloc stretcher/cot.

MonoBloc stretcher/cot are designed to be compliant to European standards with openings for safety belts to secure the patient according to European standards EN 1789 and EN 1865

The mattress contains of two layer polyester foam of one layer Sensus memory foam plus one layer of more traditional foam in specific combination to create premium comfort for the patient.

- Sensus foam that read the body shape for comfort, gives support to the patient entire body.
- Easy to handle and secured on the stretcher
- Flame retardant material according to EN 1865
- Fully welded, Hygienic, easy to clean with most common disinfectants
- Standard black cover

When order 10 mattresses or more you are able to choose from following colours:

Available in: Red, Blue, Grey, Orange and Black



Specification - MonoBloc Comfort Stretcher Mattress	Dimensions and weight
Polyester PVC coated cover flame retardant ♦ Lying surface area is with 70 mm thick Comfortable Sensus foam Max loading capacity: 300 kg	Length: 193 cm Width: 48 / 55 cm Weight: 4,2 kg
Ordering Specification	Art. No.
MonoBloc Comfort Stretcher Mattress	271 654 001

Germa Ferno 5126—5126-P Comfort Mattress

Application:

Stretcher mattress 5126 tailor made to fit on 5126 stretcher and other similar stretchers surface.

The mattress contains of polyester mixed foam of one layer Sensus foam in combination of more traditional foam to create best comfort for the patient.

- Fully welded mattress
- Super comfort for the patient, Sensus foam that read patient body.
- Hygienic and easy to clean due to full welded product.
- Tolerant to common cleaning disinfectants

Specification

PVC- Polyester flame retardant

60mm 2 layer Sensus polyester foam

Length: 190 x 48 x 6 cm

Weight: 3,7 kg

Handles: 0

Pillow: no extra pillow included

Additional opportunity for extra head pillow extension part, please contact Germa for additional information



Specification - MonoBloc Comfort Stretcher Mattress

Polyester PVC coated cover flame retardant

- ◆ Lying surface area is with 70 mm thick Comfortable Sensus foam
- Max loading capacity: 300 kg

Dimensions and weight

Length: 190 cm

Width: 48 cm

Weight: 3,7 kg

Ordering Specification

Stretcher Mattress 5126 / 5126-P

Art. No.

271 649 000

F2 4-part and 5-part Mattress is developed in co-operation with Ferno International focusing on safety and comfort for the patient.

This mattress is designed with help of trauma teams to secure efficient handling with safety and comfort for the patient. The mattress is designed to be compliant to the European standard EN 1865 and EN 1789.

Features and benefits:

Safety

Easy to assembly and adjust stretcher restraint system according to standard EN 1789

Comfort

Extra comfort by using a combination foam which support patients body and even out pressure to deliver premium safe and comfort feeling when laying on the mattress.

Handling

Fixation on to the stretcher/cot by use of hooks and loops part on the mattress and stretcher.

Colours

Red, Blue, Black, or Orange on special request.

Material:

Outer material: Polyester fibre, PVC-coated (flame retardant)

Foam: Combination foam for best comfort

Fixation: Hooks and loops on the reverse



Specification - F2 4-part and 5-part mattress		Dimensions and weight
PVC- Polyester fibre flame retardant, compliant to EN 1865 all parts V-shaped different density foam material		Length: 196 x 47 x 8 cm Weight: 4,1 kg
Ordering Specification		Art. No.
F2 4-part Mattress Black	Ferno label	23 271 374 000
F2 5-part Mattress Black		23 271 374 001
F2 4-part Mattress Blue		23 271 474 000
F2 4-part Mattress Red		23 271 674 000

Mini Transfer Mattress

Mini Transfer Stretcher

Together with professional paramedics and ergonomic specialist we have developed a very handy and useful equipment for patient handling. Objective is to reduce the hassle when bring up a patient from the floor, bath tub, chair or move a patient from a bed over to a stretcher.

One of great feature you will experience using a Mini Transfer is when patient has fallen down in a narrow environment e.g. bathroom. One big benefit being that you are able to bend the stretcher/mattress around or under the patient, in step two slide or lift the patient make use of the 10 available strong ergonomic handles.

Mini Trans is suitable to be used in combination with Basket Stretcher to ease of patient handling in and out from the stretcher. In addition Mini Transfer deliver comfort to the patient

To minimize the risk of damage to the rescuers follow the instruction for ergonomic handling and lifting.

Safe, effective, ergonomic and comfortable to use for rescuers and patient.

Specifications

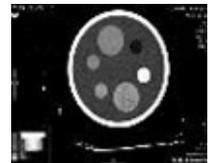
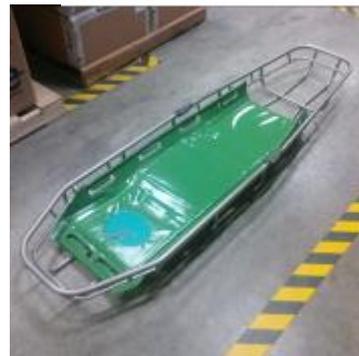
Outer material: PVC-coated polyester

Foam: 10 mm

Abutment: Polyethylene plate

Back of the mattress: Low friction surface on the back glass fibre.

Available colours: Green and Black



X-ray, CT and MRI testing of translucent capacity for Germa Transfer Mattress

Specification - Mini Transfer Stretcher/Mattress

Clear coloured green PVC-coated polyester

Lie area is with 10 mm thick Polyether foam and low friction material glass fibre.

Max loading capacity: 250 kg

Dimensions and weight

Length: 136cm

Width: 63cm

Weight: 1,8 kg

Ordering Specification

Mini Tranzfer Stretcher/Mattress

Art. No: 271040000

Germa Carry / Slide Sheet

Application

Germa Carry Sheet contents a PVC fabric material fully welded with 6 carry handles on each side of the sheet. Art no: 005 000 004

This equipment is designed to support and help the paramedics to transfer a patient from a bed or floor on to a ambulance stretcher and in next step from the stretcher to a hospital bed. The purpose is to support patient handling for the paramedics who will enjoy much appreciated ergonomic tool for patient handling and evacuation from narrow environment where you cant not go with a stretcher or cot.

Features and Benefits

- Premium / Slide sheet easy to store in the ambulance or on the stretcher easy to accessible
- 6 handles on each side make it easy to find balance for lifting and carry a patient on board
- Easy to clean fully welded product
- Durable and strong material and design with a carry capacity of 200 kg



Specifications

Approved according to European Standard EN 1865
Length: 185 cm **Width:** 80 cm (97 cm incl handles)
 X-ray, CT and MRI translucent

Material:

PVC—polyester fabric material Duty (flame retardant)

Germa Carry Sheet Heavy Duty

Application

Germa Carry Sheet contents a PVC fabric material welded with 6 carry handles on each side of the sheet.

This equipment is designed to support and help the paramedics to transfer a patient from a bed or floor on to a ambulance stretcher and in next step from the stretcher to a hospital bed. The purpose is to support heavy duty patient with comfort and paramedics will enjoy much appreciated ergonomic tool for heavy duty patient handling. Art no: 005 000 008

Features and Benefits

- Premium / Slide sheet easy to store in the ambulance or on the stretcher easy to accessible
- 6 handles on each side make it easy to find balance for lifting and carry a patient on board
- Easy to clean fully welded product
- Durable and strong material and design with a carry capacity of 380 kg



Specifications

Approved according to European Standard EN 1865
Length: 192 cm **Width:** 95,5 cm (113 cm incl. Handles)
 X-ray, CT and MRI translucent

Material:

PVC—polyester fabric material Duty (flame retardant)
 Rope: Nylon

Article	Art number
Carry/Slide sheet	005 000 004
Carry/ Slide Bariatric sheet	005 000 008

Germa Xspider Strap

Application

Germa new X-line of Spider straps intended to be used for immobilisation on top of a Spine Board or Scoop stretcher.

Xspider is developed to improve immobilisation of the patient by using X-technique over sternum and pelvis to secure a premium stabilisation and immobilisation during transport, built on the original high quality Spider Strap.

Immobilisation equipment designed and tested to deliver safe, comfortable premium immobilisation of the patient on top of a Spine Board or Scoop Board. Xspider is designed to deliver additional features and benefits that has an positive impact on the stabilisation and user friendly.



New Features and Benefits

- Premium immobilisation of the patient.
- Easy to breathe for the patient, limited pressure on torso part.
- Option of X fixation of hips / pelvis
- Easy to realise the patient at hospital using Scoop board/ stretcher

Specifications

Approved according to European Standard

EN 1865 and EN 1789

CE—marked

Accessories:

Padding Set for Scoop stretcher
led and side paddings



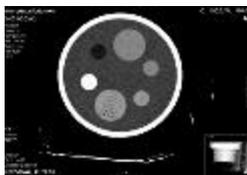
Art no:
22 221 800 010



Material:

Polyester fibre

Velcro or Plastic Buckles



X-ray and MRI
translucent

Specifications

Load limit 380 kg Weight 690 g

Strap length

X-strap Chest	69 in	175 cm
Pelvic	63 in	162 cm
Upper leg	57 in	146 cm
Lower leg / foot	48 in	123 cm

Xspider

Dimensions and weight

Xspider Velcro blue and red Velcro Art no: 271 000 734

Fixation on Back board or Scoop board

Weight 0,59kg

Xspider Buckles blue and red Buckle Art no: 271 000 735

Fixation on Back board or Scoop board

Weight 0,69 kg

Germa Kangoofix Padiatric Safety Belt

Germa Kangoofix:

Germa Kangoofix restraint system for ambulance transport of new born child is a new unique Germa patented system to considerably improve safely hold and give comfort for the child, parent and paramedic during transport on a stretcher in an ambulance. Design and construction allowing medical proven benefit of close skin contact between infant and parent. Kangoofix capacity is well documented and tested by medical evaluations and studies as well as crash tests according to European standard of 10G plus 20G front and rear.

Product description:

Germa Kangoofix harness system is easy to store in an ambulance and is handy to apply on the infant with firstly the very soft part, inner harness that is approved for direct skin contact Oeko-Tex 100 approved. For protection of the child we use a protective warming cover and cap to keep the baby warm, protection and decrease the risk of hypothermia.

The 5-point safety belt system on the stretcher is assembled on to the safely belt on the parent. Assembly the Kangoofix restraints with loops around the stretcher/Cot 4-point belt system and with upper leg safety belt. For any medical unexpected situation with the child or mother the harness system has a quick release button to free the baby immediately.

Product information:

- Improve of safety and comfort of the transport for the child, parent and paramedics
- Medical evaluation and studies proving patient management of babies improve with direct close skin contact with the parent.
- All material used are approved and tested for this specific application.
- Approved to applicable standards incl. dynamic crash test 10G EN 1789 and 20G front and rear crash.
- Light weight 1 Kg (2,204 lb) and easy to store



Attributes

Length: 330 mm
Height: 65 mm
Width: 230 mm

Weight: 1 kg

Color: Grey, red and black

Load capacity: 1,6kg to maximum 5kg

Parts/Materials

Cover Material: Breath-o-prene Oeko-Tex 100
Restraints: Polyester
Buckles: Metal and plastic cover similar approved car seat for children

Article:

Germa Kangoofix Ready2go

Incl: Inner harness + warming bag and cap + protection plate + harness system + bag

Germa Kangoofix Set

Incl: Inner harness + warming bag + protection plate + harness system

Spare parts and accessories

Germa Kangoofix Belt

Germa Kangoofix Inner harness

Germa Kangoofix Warming bag including skull cap

Germa Kangoofix Neck/Back protection plate

Ferno printed Bag

Art no:

15271000819

15271000820

15271000821

15271000822

15271000823

15271000824

15271000825





Germa Kangoofix:

Medical Studies have shown the importance of ensuring that baby is kept with its mother immediately after childbirth, to aid bonding and to keep both baby and mother calm.

Pre-hospital childbirth transportation is a part of the EMS/Ambulance Service's role. The Ambulance crew work as an extended arm to the hospital labour ward. After a pre-hospital childbirth, the mother and infant are usually transported to the labour ward in an ambulance. The mother is safely strapped into the stretcher using the stretcher restraint system, whilst the infant is placed on the mother's chest without any restraint.

This has led to a debate in which paediatricians speak of the importance of mother/infant closeness before safety. Swedish law allows this type of transportation by exception

Neonatal transport with relatively healthy children is a challenge with costly incubator transport and in many cases two vehicles required for safe transport of child and parent. When using Kangoofix safe ambulance transport can be performed with one ambulance and at the same time make sure to offer the medical proven features and benefit for the child and parent. Ambulance staff has a tool that make their work safe and efficient.

Alternatively the mother and baby are sometimes transported in separate ambulances, incurring double cost in terms of 2 vehicles and 2 sets of ambulance crew.

Purpose of the clinical study

To investigate the parent's and EMS crew's experiences using Kangoofix as pre-hospital equipment, to allow mother and baby to be safely transported together on an ambulance stretcher. Also identify and analyse all associated benefits in using Kangoofix.

Study summary

During this study Kangoofix was mainly used for prehospital childbirths. Though in 3 of the cases scheduled incubator transfers were replaced with Kangoofix. In this specific transport the mother, doctor and the ambulance nurse was restrained together with the premature child on the stretcher being assisted by Kangoofix harness system. This to be able to offer close contact for the child which gave a safe and reduced stressful experience for the baby and medical team.

The important feedback and comments from the EMS crew and baby's parents during the study helped Kangoofix to evolve from prototype stage to a now proven and registered medical device.

MADE IN SWEDEN



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