

aks[®]

EN



Efficient aids for patient care

Mobile patient hoists • Transfer aids
Anti-decubitus systems: Mattresses & seat cushions • Care beds



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 [@aks_GmbH](https://www.youtube.com/@aks_GmbH)

A company of the charitable foundation EIN HERZ LACHT, www.einherzlacht.org:

Into the future with aks

aks Aktuelle Krankenpflege Systeme GmbH develops and produces in Troisdorf near Cologne/Bonn and has been one of the renowned manufacturers of nursing aids in Germany and Europe for over 35 years. Our products are recognized and popular among patients, nursing staff, specialized retailers, and health insurance companies. Thanks to our own high-quality standards, our products are absolutely safe, reliable, and durable. Our products are medical devices and can only be obtained through medical supply retailers. Consultation, product instruction, and maintenance are provided by local medical supply retailers.

To counter resource scarcity and climate change, we operate a photovoltaic system on the roofs of the companies **aks** and **aks pura** in Troisdorf. Since early 2019 at **aks** with 217.5 kWp and since February 2022 at **aks pura** with 246.4 kWp, we collectively avoid over 236 tons of CO₂ per year.



The company **aks pura GmbH** consists of three business units: **purawell**: mattresses and pillows for a healthy and restful sleep, **puracare**: over-the-counter products related to the hospital bed, as well as the service provider **puratec**: hygienic processing and disinfection of medical products such as anti-decubitus systems.

In November 2020, the subsidiary **aks BV** was founded in Belgium with its headquarters in Herk-de-Stad. The product range of **aks GmbH** is distributed in the Benelux countries by **aks BV**.

aks Aktuelle Krankenpflege Systeme GmbH, **aks BV**, and **aks pura GmbH** are companies of the non-profit foundation **EIN HERZ LACHT**.

The foundation **EIN HERZ LACHT** supports projects and initiatives with the aim of assisting children and adolescents in their development. Learn more at www.einherzlacht.org.

A fixed portion of the profits flows into the **EIN HERZ LACHT** foundation, so with every order, you support the sponsored projects in the greater Cologne and Troisdorf area.



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**The extraordinary variety of
mobile solutions for all
nursing and care environments**



Mobile aks patient hoists and aks hoist slings

From the top-selling standard hoist in Germany, *foldy*®, to the *goliath*® bariatric hoist, aks, a German manufacturer of medical equipment, has a complete range of mobile patient hoists designed to be very user-friendly for both users and carers. Our mobile patient hoists are suitable for residential homes, hospitals, nursing homes or can be used in the comfort of your own home. In addition to standard functions such as lifting, transferring and moving a person, as a convertible hoist, the *dualo*®, for example, has the advantage of converting into a standaid very easily. Another option is the *foldo*®, which can swivel to enable hoisting into and out of built-in baths where a normal hoisting is not possible.

aks provides a wide range of suitable **hoist slings** for the various patient hoists. The slings are designed and manufactured for special requirements when using such aids. Our top priorities are quality, comfort and safety. Whether children, adults, light or heavyweight persons, at home, in the bath, in care homes, rehabilitation centres or clinics, aks provides appropriate solution concepts for many different application areas.

High-quality materials and professional workmanship enable high loads and guarantee long service life for our hoist slings. Among other things, flexibility is distinguished by adjustable, colour-coded sling loops. Pleasant and safe seating and lifting comfort are provided to the patient. With easy handling, care work also becomes easier, safer and easy on the back.

Patient hoists



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foldy® micro

The XS among the aks standard hoists



The advantages of the foldy® micro:

- Small dimensions, even smaller than the foldy® mini
- Ideal for small rooms and extremely narrow doorways
- For smaller individuals and children
- Plug-in stand mast, easy to remove without tools
- Ideal travel companion, easy to stow
- Easy, uncomplicated handling
- Mechanical spreading of the chassis per foot lever
- Highly stable thanks to robust construction
- Effortless take-up of persons directly from the floor
- Greater safety due to mechanical emergency lowering and emergency stop button in the event of electrical faults
- Independent of the mains power supply due to battery-powered operation
- Max. load capacity 130 kg

Options and accessories

- Battery pack with separate charging station on the wall
- Many hoist slings, various spreader bars and hoist scales



foldy® mini

The small original that is really big

The compact standard hoist, foldy® mini, was developed as a mobility aid designed for easier transportation and for use in smaller rooms. Like its big brother, it can be used at home, in hospitals, care homes and residential homes.

The advantages of the foldy® mini:

- Ideal for small rooms and narrow doors
- For smaller individuals and children
- Can be easily folded and transported without tools
- Optimal travel companion, easy to stow
- Easy, uncomplicated handling
- Convenient handling with large buttons
- Mechanical spreading of the chassis per foot lever
- Highly stable thanks to robust construction
- Low ground clearance, also suitable for aks scissor beds
- Independent of the mains power supply due to battery-powered operation
- Effortless take-up of persons directly from the floor
- Max. load capacity 150 kg

Options and accessories

- Battery pack with separate charging station on the wall
- Many hoist slings, various spreader bars and hoist scales
- Electric spreading of the chassis via manual switch (foldy® e mini)



foldy®

The original

The well-known foldy® patient hoist has a secure place in the aks product range. As the top-selling standard hoist in the homecare area, it has long since established itself on the medical appliances market and can be universally used for the complete field of nursing care. It allows gentle lifting and moving of the patient and helps carers do their work easily and safely.

The advantages of the foldy®:

- Can be easily folded and transported without tools
- Easy, uncomplicated handling
- Effortless take-up of persons directly from the floor (picture 1)
- Hand control with large buttons
- Mechanical spreading of the chassis per foot lever
- Highly stable thanks to robust construction
- Low ground clearance, also suitable for aks scissor beds
- Max. load capacity 150 kg

Options and accessories

- Battery pack with separate charging station on the wall
- Many hoist slings, various spreader bars and hoist scales
- Electric spreading of the chassis per manual switch (foldy® e)



foldy® XL

The original in an XL format

In order to achieve an increased maximum load capacity of 185 kg, the stability and robustness of the construction have been adapted accordingly. This also applies to the dimensions and the power of the motor.

The advantages of the foldy® XL:

- Increased motor power for reliable and fast lifting and lowering
- High-quality drive components
- Can be easily folded and transported without tools
- Easy, uncomplicated handling
- Ergonomic grab handle (picture 1)
- Effortless take-up of persons directly from the floor
- Ergonomic hand control
- Mechanical spreading of the chassis per foot lever
- Highly stable thanks to robust construction
- Two castors that can be locked; all castors have thread protection
- Low ground clearance, also suitable for aks scissor beds
- Max. load capacity 185 kg

Options and accessories

- Battery pack with separate charging station on the wall
- Many hoist slings, various spreader bars and hoist scales
- Electric spreading of the chassis per manual switch (foldy® e XL)



clino® II

Maximum convenience in operation and use

The standard hoist, clino® II, shows its charm in convenient operability. It has a fast motor, high-quality, easy-running castors and a bright, friendly appearance with a neutral colouring. In addition to home care, clino® II can be implemented very effectively for in-patient applications.

The advantages of the clino® II:

- More convenience thanks to high motor power
- Faster lifting and lowering is possible; lifting time is shortened
- High-quality castors with excellent rolling ability; easy manoeuvrability is possible even in small rooms and through narrow doors
- Can be easily folded and transported without tools
- Effortless take-up of persons directly from the floor
- Convenient handling with large buttons
- Mechanical spreading of the chassis per foot lever
- Highly stable thanks to robust construction
- Low ground clearance, also suitable for aks scissor beds
- Max. load capacity 150 kg

Options and accessories

- Battery pack with separate charging station on the wall
- Many hoist slings, diverse spreader bars and hoist scales

clino® II with standard transport spreader bar



clino® XL

The customised standard hoist for heavy cases

The expansion of the range of hoists on offer to include the XL format also applies to this, the more stylish of the aks standard hoists. Especially in institutions, the number of heavy patients is increasing and therefore the demand for correspondingly powerful aids.

The advantages of the clino® XL:

- Increased motor power for reliable and fast lifting and lowering
- High-quality drive components
- High-quality castors with thread protection and excellent rolling ability, easy manoeuvring
- Can be easily folded and transported without tools
- Effortless take-up of persons directly from the floor
- Ergonomic grab handle (picture 1)
- Ergonomic hand control
- Mechanical spreading of the chassis per foot lever
- Highly stable thanks to robust construction
- Low ground clearance, also suitable for aks scissor beds
- Max. load capacity 185 kg

Options and accessories

- Battery pack with separate charging station on the wall
- Many hoist slings, various spreader bars and hoist scales
- Electric spreading of the chassis per manual switch (clino® e XL)

clino® XL with tandem spreader bar





goliath®

For easy solution of difficult tasks

aks designed the stable goliath® patient hoist for body weight up to 250 kg.

The advantages of the goliath®:

- Robust and safe construction with insertable stand mast and high-quality double castors
- Incl. comfort spreader bar with two opposing hooks for broader configured seating for particularly corpulent persons
- Electric spreading
- Mechanical emergency lowering, emergency stop button in the event of electrical faults, visual and acoustic warning against deep battery discharge at activation of the hand control
- High-quality drive components from LINAK®, with removable battery pack, incl. charger
- Max. load capacity 250 kg

Accessories

- Special "high load capacity" slings in three sizes
- aks efw 300 hoist scales
- Battery pack with separate charging station on the wall

Technical Data

See p. 28/29, 121



goliath® comfort spreader bar

This spreader bar is designed for accommodating goliath® slings, sizes A to C. goliath® comfort spreader bar incl. padding

Maximum load: 250 kg

foldo®

Lifting – Swivelling – Bathing

In addition to the standard functions – lifting, transferring and moving of a person – foldo® can also be used in the bath area thanks to the electronically protected swivel function. It completely fulfils the expectations of users: universal, convenient use in the bath and living area without structural changes at home or in homes for the elderly or nursing homes.

The advantages of the aks foldo®:

- “Two-in-one concept” – standard hoist and bathtub hoist in one
- Exercise of the functions of a standard hoist, in addition, effortless take-up of persons directly from the floor
- Lateral swivelling for use at the tub (see above)
- Easy and fast “docking” of the hoist without structural changes
- Lowering of the patient to the bathtub
- Cost-effectiveness principle: saves separate bathtub hoist, wall hoist, or ceiling hoist
- Low ground clearance, also suitable for aks scissor beds
- Mechanical spreading of the chassis per foot lever
- Safety in the bath thanks to stable support on the edge of the tub due to tub cover and telescopic boom, as well as safety electronics for swivelling the patient above the tub using electric motor
- High stability thanks to two lockable castors (diameter 100 mm) and robust construction
- Functional wall bumpers for protection during manoeuvring
- Max. load capacity 130 kg

Options and accessories

- Various hoist slings, spreader bars and hoist scales as well as tub covers and tub cover elevation elements



See the transfer from wheelchair to bathtub with foldo and aks bath sling.



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Bath tub measures for foldo®.

dualo® mini

Strong – reliable – economical



dualo® mini active
with uprighting
arm active

The mobile standard and active hoist, dualo® mini, rounds off the aks hoist collection. The dual principle focuses on greater flexibility and freedom of decision. The mini hoist satisfies the requirements of a “large unit”; however, it is more manoeuvrable and “handier” due to its more compact dimensions.

The advantages of the dualo® mini:

- Multi-functionality: optimal use of the versatile functions of a large standard hoist and/or a active hoist, such as lifting, moving and uprighting persons.
- Effortless take-up of persons directly from the floor with dualo mini standard
- Flexibility: easy conversion of the standard hoist to the active hoist (picture 3+1) and vice versa; simplified insert function thanks to stainless steel square tubes
- Freedom of decision: Take your time. For example, if you decide on a standard hoist, you can retrofit the uprighting arm of the active hoist and the corresponding equipment at any time.
- The lifting arm active features additional side handles to offer greater convenience and support (picture 2)
- Economy and effectiveness: lower acquisition costs and high use frequency, demand-oriented use – particularly practical in care facilities as a dual hoist
- Ideal for small rooms and narrow doors
- Highly stable thanks to mechanical spread of the chassis per foot lever, two lockable castors
- Max. load capacity 150 kg

Side handles on
the lifting arm
active



dualo® mini standard with
lifting arm active standard
and standard transport
spreader bar

Options and accessories

- Battery pack with separate charging station on the wall
- For dualo® mini active: aks standaaid sling with breast loop and aks calf strap (optional)
- For dualo® mini standard: many hoist slings, various spreader bars and hoist scales
- Respective conversion kits for dualo® mini active or standard



See dualo® in action.



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dualo®

Flexible – economical – safe

The convertible hoist focuses on flexibility. Design importance has been placed on increased convenience, safety and multi-functionality. The dualo® is used for lifting and as a active hoist in combination with aks hoist slings at home, in hospitals, nursing homes and residential homes.

The advantages of the dualo®:

- Multi-functionality: optimal use of the versatile functions of a standard and/or an active hoist, such as lifting, transferring and uprighting persons
- Effortless take-up of persons directly from the floor with dualo standard.
- Flexibility: easy conversion of the standard hoist to the active hoist and vice versa, simplified insert function thanks to stainless steel square tubes
- Freedom of decision: Take your time. For example, if you decide on a standard hoist, you can retrofit the lifting arm of the active hoist and the corresponding equipment at any time.
- Greater convenience and support for patients thanks to additional handles
- Economy and effectiveness: lower acquisition costs and high use frequency, demand-oriented use as dual hoist – particularly practical in care facilities
- Mechanical emergency lowering, emergency stop button and acoustic warning of deep discharge
- Highly stable thanks to mechanical spread of the chassis per foot lever, two lockable castors
- Max. load capacity 150 kg

Options and accessories

- Battery pack with separate charging station on the wall
- For dualo® active: aks standard sling with breast loop and aks calf strap (optional)
- For dualo® standard: many hoist slings, various spreader bars and hoist scales
- Conversion kits for dualo® active or standard



dualo® active with
uprighting arm
active smart



Tool-free conversion
from a stand-up to a lever lifter, and vice versa,
via plug-in function



dualo® standard with
standard transport
spreader bar



Watch the conversion from a standard patient hoist to an active hoist.



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dualo® XL

Strong – flexible – multifunctional

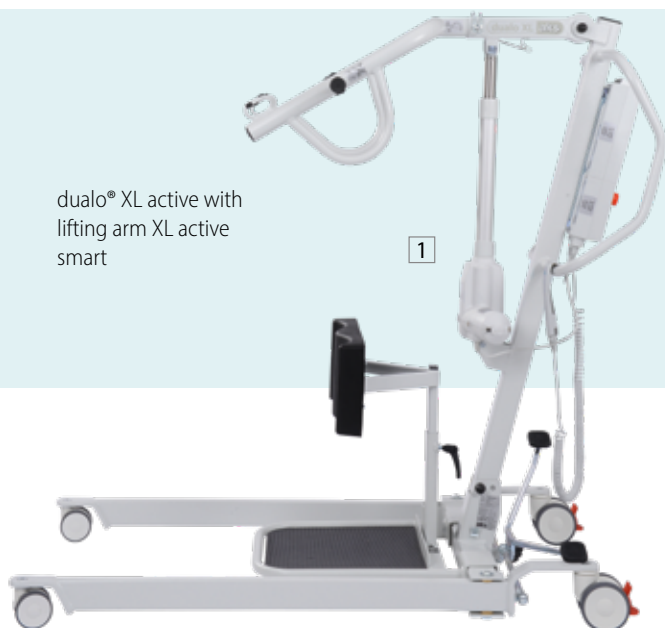
The well established, variably deployable dualo® patient hoist has been designed for larger or heavier patients as a 2-in-1 hoist in XL format.

The advantages of the dualo® XL

- Economy: lower acquisition costs
- Effectiveness: high frequency of use, needs-oriented use as a combined hoist
- Turning/straightening of larger or heavier patients is also possible
- Multi-functionality: Optimum use of the versatile features of a standard and/or straightening hoist, e.g. lifting, straightening and turning people
- Flexibility: Simple conversion of the active hoist as a standard hoist and vice versa, simple plug-in function for tool-free conversion, the conversion kit is optional
- The base of the chassis is hinged
- High-quality, ball-bearing castors with thread guards and excellent rollability
- Max. load capacity 185 kg

Options and accessories

- Additional battery pack and wall charging station
- Calf strap, hoist scales, many hoist slings
- Optionally available with electric spreading (dualo® e XL)



dualo® XL active with lifting arm XL active smart



dualo® XL active with lifting arm XL active smart



dualo® XL standard with tandem spreader bar



Watch the conversion from a standard patient hoist to an active hoist.



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Watch the transfer from a wheelchair to a nursing bed.



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Height-adjustable footboard for dualo® active hoist

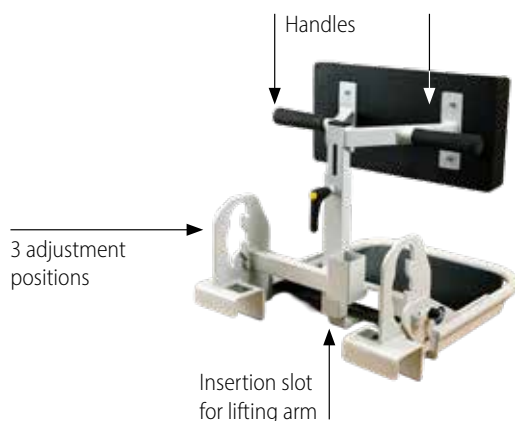
The retrofittable accessory for all dualo® active hoists

The new footboard, with its three adjustable heights, can now also accommodate smaller patients and individuals with shorter lower legs. It is utilized when the standard footboard's height is no longer sufficient to safely accommodate patients, such as with high chairs and wheelchairs. It fits all dualo® active hoists, from mini to XL. Existing dualo® units can be retrofitted at any time – without using any tools.

Therefore, the new height-adjustable footboard fills a gap in safe patient care – ideal for use with individuals of different body sizes, especially in institutional settings.



Individually adjustable for both the footboard and shin support



Equipment/features

- Height of the standing area adjustable in 3 steps, in 5 cm increments via grid
- Shinbone protection stepless and without tools adjustable
- Comfortable carrying handles
- Big footboard
- Slot for lifting arm active/active smart or standard
- Powder-coated steel frame
- Available in the colours water blue for dualo® mini active and dualo® active and in light grey for dualo® XL active
- Can be used without tools
- Max. patient weight 150 kg, resp. 185 kg by dualo® XL
- Optional: aks-sling for knee support

torneo® compact

The compact and manoeuvrable stand-up hoist

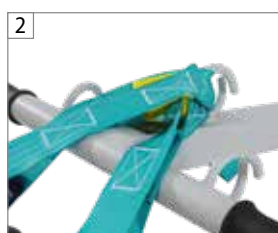
The mobile torneo® compact stand-up hoist has been designed to be compact and manoeuvrable. The natural motion sequence of standing up and sitting down is supported and is carried out gently. The patient's mobility is promoted by their active participation.

Characteristics and advantages of the torneo® compact

- Max. load capacity up to 150 kg
- Compact dimensions
- Use in small rooms and with narrow doors
- Extremely manoeuvrable in the smallest areas
- Stand mast and lifting arm can be adjusted in two stages
- Shinbone protection height can be continuously adjusted with integrated calf strap for more security
- The movable shinbone protection adapts to the movement of the legs during the lifting procedure.
- Electric motor-powered uprighting function
- 24 V system with a removable battery pack
- Controller with state of charge and service indicator
- Acoustic warning signal to protect against deep discharge of the batteries in the event of actuation of the manual control unit.
- Highly stable thanks to six castors

Options and accessories

- Removable battery pack with optional charging station on the wall
- Standard sling with breast loop and seat swing available in five sizes



torneo® II

The active hoist with optimised kinematics

The torneo® II mobile active hoist is mainly used for frail people with poor mobility. The active hoist function process is extremely gentle and focuses on kinematics, making sure that the movements of the patient are optimally supported by the hoist.

The advantages of the torneo® II:

- Optimal kinematics, gentle uprighting and setting down of persons
- Safe transfer in standing position
- Compact dimensions, can also be used for smaller individuals
- Use in small rooms and with narrow doors
- Ergonomic active hoist for user-friendly operation
- Highly stable thanks to mechanical spreading of the chassis per foot lever and stable design
- Integrated calf strap for more security
- Max. load capacity 150 kg

Options and accessories

- Standard sling with breast loop and seat swing for the transfer in sitting position, available in five sizes
- Removable battery pack with optional charging station on the wall



Watch the transfer from wheelchair to care bed with torneo® II on YouTube.



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aks standard spreader bar

designed as mounting for hoist slings in combination with aks standard hoists, incl. padding

Maximum load: 150 kg,

for foldy® micro and foldo® maximum load 130 kg

for aks XL hoists maximum load 185 kg

In the color aqua blue: for foldy® micro, foldy® mini/e mini, foldy®/e, foldy® XL/e XL, foldo®, dualo® standard, and mini dualo® standard; in light grey for clino® II, clino® e/XL and dualo® XL/e XL



aks tandem spreader bar

designed as mounting for aks hoist slings (also horizontal transport slings) in combination with aks standard hoists, incl. padding

Maximum load: 150 kg,

for foldy® micro and foldo® maximum load 130 kg

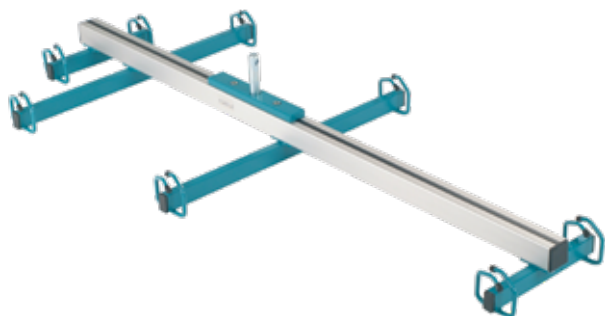
for aks XL hoists maximum load 185 kg

In the color aqua blue: for foldy® micro, foldy® mini/e mini, foldy®/e, foldy® XL/e XL, foldo®, dualo® standard, and mini dualo® standard; in light grey for clino® II, clino® e/XL and dualo® XL/e XL



aks spreader bar padding

for all standard spreader bars and tandem spreader bars



aks horizontal transport spreader bar

with 8-point attachment

designed as mounting for horizontal transport slings with 8-point attachment in combination with foldy® and clino®

Maximum load: 150 kg

for aks XL hoists maximum load: 185 kg

Available in two colors:
aqua blue and light grey

1



2



aks wall charging stations and spare rechargeable batteries

Independence in daily care, particularly in hospitals, retirement and nursing homes

Advantages:

- Independence from the mains supply; a charged battery is always on hand
- Effortless replacement of the battery pack
- Easy wall mounting close to a power outlet
- Visual charge status shown by LEDs

Technical Data (pictures 1 and 2)

- Wall charging station: Charge time: approx. 3-14 hours/ overload protection; input: AC 230 V/50 Hz; output: DC 24 V/ $I_{\max} = 4 \text{ A}$
- Battery pack: operating voltage 2 x 12 V; capacity 4.5 Ah (Technical data for foldo®, aks XL hoist torneo®; see respective instructions for use)

3



Wall charging stations and battery packs for XL-hoists

foldy® XL/e XL, clino® XL/eXL, dualo® XL/eXL and goliath®

(picture 3)

Wall charging stations and battery packs for torneo® compact and torneo® II :

(picture 4)

4



aks hoist scales

Weighing patients is part of the everyday nursing routine. The use of scales directly connected to the aid or hoist is particularly practical. aks provides two weighing devices in connection with the various aks standard hoists.

aks dw 150

Ideal aid for checking weight

- Easy handling
- Flexible use: can be used with adapter for all aks hoists (for the foldo®, the scales cannot be used in the swivelled condition)
- Display elements can be read off in 500 g increments
- Power-saving function: automatic switch-off after approx. 4 minutes
- Not a medical device
- Max. weighing range: 150 kg



How to mount the scale correctly on the hoist.

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aks efw 200/300

The practical weighing device for the everyday nursing routine – also for heavy cases

- With battery-operated high-precision scales for aks standard hoists with special adapter
- Initial gauging: calibrated and tested at the factory
- Simple handling
- Power-saving function: automatic switch-off after approx. three minutes
- BMI function
- aks efw 200 can be used up to max. 200 kg patient weight and aks efw 300 up to max. 300 kg patient weight



aks carry

Your assistant for the operating load test in accordance with DIN EN ISO 10535 Appendix B

The aks carry is designed to hold, store and transport weight plates (picture 2). The load support holds the weight plates and is mounted either with the snap hook or directly on the lifting arm. The standard hoist is then ready for the operating load test in accordance with DIN EN ISO 10535 with a lifting cycle at maximum load.



Scope of delivery of the aks carry

The advantages of the aks carry:

- Max. load capacity 250 kg
- Support and handle made of steel, powder-coated
- Four castors (Ø 100 mm), can be locked individually
- Load support made of stainless steel for holding the weight plates
- Snap hook with screw lock in accordance with DIN EN 362
- Handle can be removed without tools, secured with a tube clip
- Aqua blue

Scope of delivery

- Support with castors and handle, load support, two snap hooks (picture 1)
- Delivery without weight plates



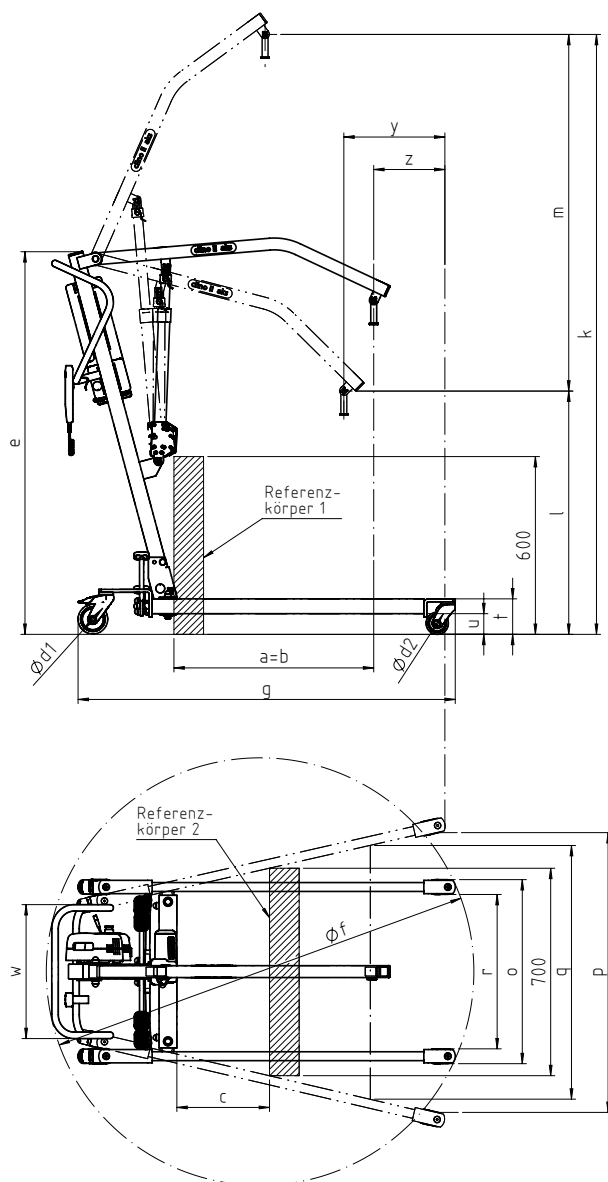
aks carry: 250 kg weight plates



Operational load test

Technical Data

Mobile Patient Hoists



	foldy® micro	foldy® mini/ foldy® e mini	foldy®/ foldy®e
Total weight (without spreader bar and sling)	34 kg	36 37,5 kg	38 39,5 kg
Maximum load	130 kg	150 kg	150 kg
Lift speed at full load (time for one lift process)	80 s	80 s	80 s
Power, lift and lowering processes at full battery capacity, approx.	40	40	40
Input voltage	24 V AC 50 Hz	24 V AC 50 Hz	24 V AC 50 Hz
Protection class	II	II	II
Type of protection	IP X4	IP X4	IP X4

Basic dimensions in accordance with DIN EN 10535

a	Maximum range for 600 mm reference height	451	495	675
b	Maximum range from the chassis	494	532	675
c	Range from the chassis when spreading the leg supports to 700 mm	442	313	313
d1	Castor diameter, rear	100	100	100
d2	Castor diameter, front	75	75	75
e	Overall height	1207	1195	1290
f	Turning diameter	1162	1234	1443
g	Chassis length	1018	1081	1291
k	Max. attachment height	1713	1749	2015
l	Min. attachment height	561	739	811
m	Lifting range	1152	1010	1204
o	Min. outer width	572	643	643
p	Max. inner width	733	825	918
q	Inner width at maximum range of the attachment point	728	801	866
r	Min. inner width	428	499	499
t	Height of the chassis	110	110	110
u	Clearance of the chassis	60	60	60
w	Handle width	452	452	452
x	Minimum distance from the wall to the attachment point at its greatest height (leg supports spread)	571	510	611
y	Minimum distance from the wall to the attachment point at its lowest height (leg supports spread)	349	269	345
z	Minimum distance from the wall to the attachment point at maximum range (leg supports spread)	150	172	234

	foldy® XL/e XL	clino® II	clino® XL/e XL	goliath®*	foldo®	dualo® mini standard	dualo® mini active	dualo® stan- dard	dualo® active	dualo® XL/e XL standard	dualo® XL/e XL active	torneo® compact	torneo® II
	40 kg 42 kg	38 kg	40 kg 42 kg	48 kg	50 kg	38,5 kg	38,5 kg	39,3 kg	39,3 kg	41 kg 43 kg	50,5 kg 52,5 kg	35 kg	44 kg
	185 kg	150 kg	185 kg	250 kg	130 kg	150 kg	150 kg	150 kg	150 kg	185 kg	185 kg	150 kg	150 kg
	40 s	40s	35 s	78 s	82 s	80 s	80 s	80 s	80 s	35 s	35 s	40 s	40 s
	25	25	25	25	40	40	40	40	40	25	25	40	40
	24 V DC	24 V AC 50 Hz	24 V DC	24 V DC	24 V AC 50 Hz	24 V AC 50 Hz	24 V AC 50 Hz	24 V AC 50 Hz	24 V AC 50 Hz	24 V DC	24 V DC	24 V AC 50 Hz	24 V AC 50 Hz
	II	II	II	II	II	II	II	II	II	II	II	II	II
	IPX4	IP X4	IPX4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4	IP X4
a	680	675	680	660	614	476	56	675	27	670	110 25	300	216
b	680	675	680	670	651	513	512	675	483	670	570 480	275	264
c	205	313	205	105	313	313	313	313	313	210	210	-	442
d1	100	100	100	100	100	100	100	100	100	100	100	100	100
d2	75	75	75	100	75	75	75	75	75	75	75	50	75
e	1290	1290	1270	1310	1322	1195	1195	1283	1283	1270	1270	1000	1136
f	1460	1443	1470	1525	1442	1317	1317	1538	1538	1470	1470	1000	1263
g	1310	1273	1280	1285	1313	1081	1081	1291	1291	1280	1280	925	999
k	2000	2025	1990	1970	1865	1739	1846	2019	1990	1990	1900 1930	1175	1183
l	610	821	600	585	793	759	1032	820	1183	600	980	860	898
m	1390	1204	1390	1385	1072	977	814	1198	807	1390	1240 950	315	285
o	680	621	680	745	671	643	643	643	643	680	680	315	550
p	960	944	960	1065	892	825	825	919	919	960	960	200	771
q	920	866	920	980	866	792	792	866	778	920	860 825	-	613
r	550	520	550	595	471	499	499	499	499	550	550	200	450
t	110	120	100	130	140	110	110	110	110	100	100	80	120
u	45	70	30	50	60	60	60	60	60	30	30	30	70
w	490	452	490	452	452	452	452	452	452	490	490	450	452
x	625	607	650	565	504	527	792	615	987	650	720 1010	615	766
y	500	341	525	470	434	278	195	339	427	500	550 480	300	402
z	250	230	275	265	263	189	190	232	424	250	350 430	300	402

* See bariatric range for product description



**Extensive range of slings for
a wide variety of uses relating
to lifting and transferring**



Net fabric



Back reinforcement



Loops hung diagonally



Handle for support during manoeuvring



Colour-coded sling loops



Calf strap

aks hoist slings

All aks hoist slings have been carefully tested and revised so that all slings can be used for standard hoists with reinforced seams up to 250 kg maximum load. Various materials are used: Polyester fabric for use in dry areas; special water-permeable and quick-drying net material for use in wet areas; extremely tear-resistant polyester sling loops; padding made of various foams to avoid pressure peaks or the hoist sling cutting into the skin and to provide additional support for the patient's body and/or increase wearing comfort. Different colour-coded loops facilitate the assignment

of the correct mounting position. To stabilise patients, we offer some slings with integrated aluminium strips for back reinforcements; for some other slings, we offer a separate head support with Velcro fastening for patients with little head and neck stability.

All hoist slings can be washed at 60°C.



Sling can also be used in wet areas



Sling is also partly used in leg amputations and partial amputations, dependent of the patient's constitution

Hoist slings



aks standard sling
Page 34



aks bath sling
Page 35



aks standard sling with back reinforcement and integrated head support
Page 36



aks bath sling with back reinforcement and integrated head support
Page 37



aks bath sling with head support flex
Page 38



aks hygiene sling
Page 39



aks hygiene sling with back reinforced
Page 40



aks comfort hygiene sling
Page 41



aks comfort sling with integrated head support
Page 42



aks comfort bath sling with integrated head support
Page 43



aks universal comfort sling
Page 44



aks universal net sling
Page 45



aks universal Flex sling
Page 45



aks horizontal transport sling
Page 46



aks horizontal transport sling for spreader bar with 8-point attachment
Page 47



aks horizontal transport sling for spreader bar with 8-point attachment for bathing
Page 47



aks standard sling
Page 48



aks fast transport sling with breast loop
Page 49



aks fast transport sling with chest loop
for bathing
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goliath® sling
Page 50

Hoist slings XXL



aks head support
Page 51



aks extension loops
Page 51

Accessories for hoist slings for patient hoists/ceiling hoists



aks standard sling with breast loop for
active hoist (dualo®)
Page 52



aks calf strap for active hoist (dualo®)
Page 52



aks standard sling with breast loop
for active hoist torneio® II and torneio®
compact
Page 53

Hoist slings for active patient hoists

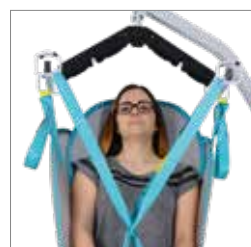


aks standard sling

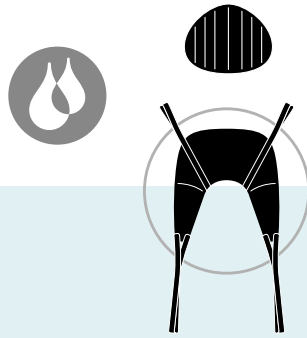
The workmanship and material quality of this low cost sling comply with everyday requirements. This can be used by a patient who is still stable in the neck and shoulder area. Picking up the patient from the floor is possible with this sling. Due to colour-coded loops made of extremely tear-resistant polyester, the standard sling is completely adjustable and can be used with all hoist models with hook mounting. The leg supports are produced with additional fabric layers and quilted with padding for reinforcement. This reinforcement also guarantees crease-free seating with high pressure reduction on the thighs. The practical grip loop on the outside supports the carer during manoeuvring of the patient.

Maximum load: 250 kg

Head support with Velcro fastening (optional)



aks standard sling with head support (optional)



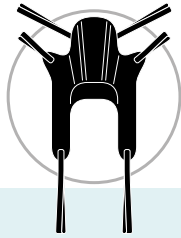
aks bath sling

This sling is made of an extremely tear-resistant polyester net that absorbs hardly any water and dries very quickly after use. It has been specially designed for use in baths and wet areas. The leg supports are padded with foam. This reinforcement guarantees crease-free seating with high pressure reduction for the thigh. You can pick up patients who are lying on the floor with this sling. The requirement is participation of the patient who is still stable in the neck and shoulder area. The loops are colour-coded to enable the selection of the correct mounting position. Furthermore, the sling has a **grip loop** on the back for manoeuvring the patient.

Maximum load: 250 kg

Head support with Velcro fastening (optional)



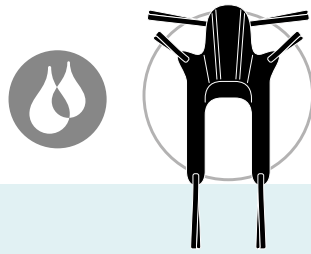


aks standard sling with back reinforcement and integrated head support

As further development, this sling provides a number of advantages: the back and head area are supported and kept straight due to the special back reinforcement, which transitions seamlessly into the head support, and thanks to the removable stiffeners made of aluminium. In addition to the leg and shoulder loops, 4-way adjustable head loops make it possible to individually adapt the sling to the patient. This advantage provides greater security and stability. The net in the buttocks area prevents the patient from sliding out. The special form of the leg supports enables fast and secure positioning of the patient. All of the body is stabilised and supported. This sling is particularly suitable for patients with restrictions of the musculoskeletal system in the upper body.

Maximum load: 250 kg
Back reinforcement:
Aluminium strips





aks bath sling with back reinforcement and integrated head support

The sling is made of a ladder-proof polyester net, which dries very quickly. Its design particularly supports less mobile people when bathing.

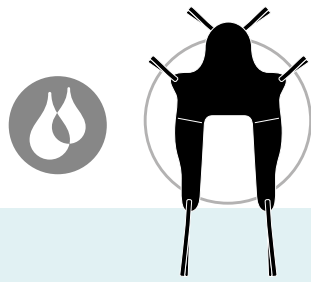
See also the description for the aks standard sling with back reinforcement and integrated head support.

Maximum load: 250 kg

Back reinforcement:

Aluminium strips





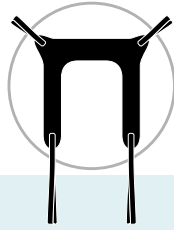
aks bath sling with head support flex

Bath sling with an integrated head support that connects seamlessly to the back area. As such, patients with little stability in the neck area can be transferred gently. The sling is made of an extremely tear-resistant polyester net, which hardly absorbs water and dries quickly. It has been specially designed for use in the bathroom and/or wet area.

The extra wide legrests are padded with foam. This padding ensures a wrinkle-free fit to reduce pressure on the thighs. Support from the bed or from the ground is also possible. The transfer takes place while the patient is sitting.

Maximum load: 250 kg



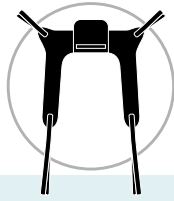


aks hygiene sling

Due to the compact design and large cut-out in the buttocks area, it is possible to put on this sling easily and quickly. The patient can then be well-positioned on a toilet as the lower body remains free in the buttocks area. The padding under the arms, leg padding, and grip loops to allow movement along the sling, increase the comfort during transfer of the patient.

Maximum load: 250 kg



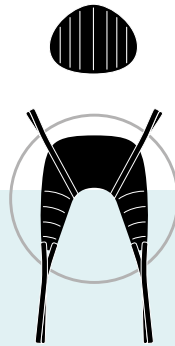


aks hygiene sling with back reinforced

This new sling is a further development of the existing aks hygiene sling. With the higher and strengthened back support the patient will be additionally supported and hold straight. The padded underarm area ensures a comfortable fit in the sling. The 4-way adjustable leg and shoulder sling offer the possibility to individually adjust the loops to the patient. This advantage provides more secure and grip. The special form of the leg support enables a fast and secure positioning of the patient. All of the body is stabilised and supported but the requirement is participation of the patient who is still stable in the neck and shoulder area. As a result of the large cut in the buttocks area the intimate area remains free. This means that the patient can be easily put on the toilet. The manoeuvring of the patient is facilitated by a handle loop on the back. The support normally takes place in the seated position, however it is also possible from the bed or floor.

Maximum load:
250 kg





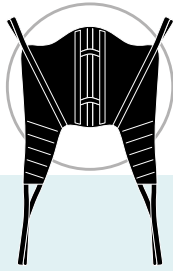
aks comfort hygiene sling

As a further development of the aks hygiene sling, this is the most comfortable solution for toileting. The sling supplies maximum support to the back area and sitting comfort due to extra wide padded leg supports. A head support can also be attached.

Maximum load: 250 kg

Head support with Velcro fastening (optional)



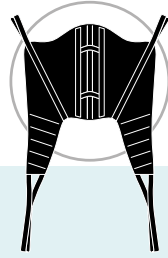


aks comfort sling with integrated head support

This sling, developed at aks, is for patients with little stability in the torso area and provides comfortable support. The high back part with removable stiffeners made of aluminium and the integrated head support increased safety during use and comfort. The integrated padding of the leg supports also aids the sitting comfort of pressure-sensitive patients. The colour-coded loops enable complete adjustability of the sling and variable positioning. Several grip loops on the outside support the carer during manoeuvring of the patient.

Maximum load: 250 kg
Back reinforcement:
Aluminium strips





aks comfort bath sling with integrated head support

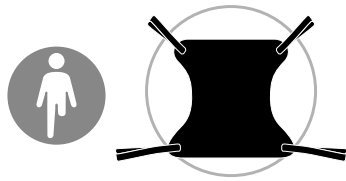
This sling has a similar pattern to the comfort sling with integrated head support; however, it has good water permeability due to the net structure of the material and dries quickly. Consequently, it is especially suitable for wet areas.

Maximum load: 250 kg

Back reinforcement:

Aluminium strips



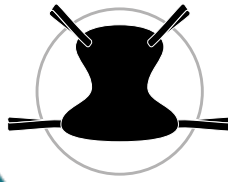


aks universal comfort sling

The universal comfort sling is made of flexible fabric materials that adjust to the patient's body. The different colour-coded sling loops are made of extremely tear-resistant straps and are mounted on a suitable spreader bar. This sling is intended for use in dry areas and is suitable for supporting amputees. A grip loop is attached in the head/shoulder area for manoeuvring.

Maximum load:
250 kg

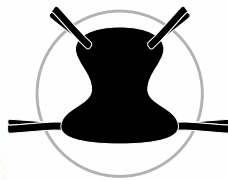




aks universal net sling

The universal net sling offers great flexibility: the shoulder loops are 3-way adjustable for reaching the optimum position, while the leg loops are even 4-way adjustable. Optional sitting comfort when using the aks tandem spreader bar (see picture). Three handles are used for the required positioning of the patient. The single-layer net material has good water permeability and dries quickly. It is ideal for use in wet areas (bathing). This sling is also highly suitable for amputees.

Maximum load: 250 kg

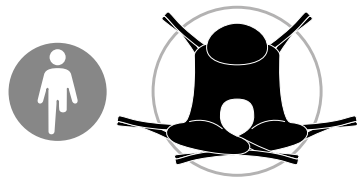


aks universal Flex sling

The universal Flex sling is similar to the universal net sling. In this regard, the grip loops have been deliberately omitted so that the sling can remain underneath the patient for a certain amount of time (e.g. in a wheelchair, seat shell). This means there is no need to remove the sling directly after the transfer.

Maximum load: 250 kg





aks horizontal transport sling

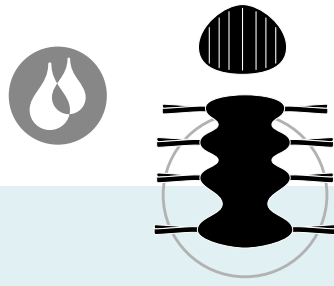
Difficult transfer problems can also be solved with this sling and the aks tandem spreader bar (see picture). Even the transfer of patients with hip or back problems and leg amputations can be easily performed using this sling. The leg supports are also padded with foam. This supports the thighs securely and comfortably. The head support (included) with Velcro fastening provides additional stability.

Maximum load: 250 kg



aks horizontal transport sling for the aks tandem spreader bar

Loop-shaped handle



aks horizontal transport sling for spreader bar with 8-point attachment/ ~ for bathing

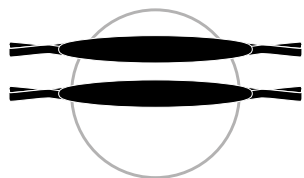
The best for horizontal transfer of patients in pain in combination with the special horizontal transfer spreader bar with 8-point attachment. This sling guarantees an absolutely gentle transfer.

Maximum load: 250 kg

Head support with Velcro fastening (optional)

aks horizontal transport sling for spreader bar with 8-point attachment





aks standard sling

The standard sling for aks standard hoists consists of two individual slings with colour-coded 3-way adjustable loops. It is particularly suitable for the fast transfer of patients who have sufficient muscular strength from the shoulder area over the upper body to the thighs. The sling is distinguished by easy and fast use and also aids residual mobility.

Maximum load: 250 kg

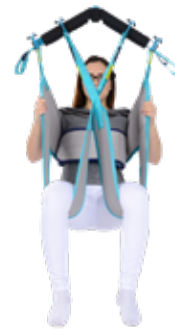




aks fast transport sling with breast loop

This sling is virtually pre-destined for the fast and uncomplicated transfer of persons with sufficient inherent stability. It has integrated, padded back reinforcement and a breast loop which give the patient a secure feeling. The sling can also be used as a hygiene sling in this configuration. The hoist sling is equipped with grip loops to allow easy manoeuvring of the patient.

Maximum load: 250 kg

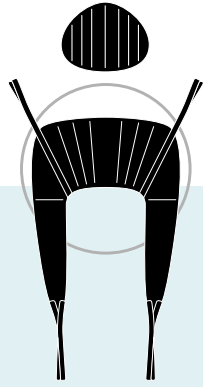


aks fast transport sling with chest loop for bathing

aks fast transport sling with chest loop for bathing has a similar pattern and the same structure as the aks fast transport sling with chest loop. Due to the water-permeable and fast-drying net structure of the material, it is particularly suitable for wet areas.

Maximum load: 250 kg





goliath® sling

The hoist sling for heavyweight persons

The goliath® slings belong to the flexible body support systems whose fabric materials ideally adapt to the body of the patient. The extremely tear-resistant polyester slings provide reinforcement. Shoulder loops can be adjusted in 5 ways and leg loops in 4 ways. The back area and the leg supports provide an additional special feature. These are padded with a pressure-elastic 3D textile. Two fabric layers are kept at a predefined spacing by a layer of padding. This creates a microclimate that has a thermo- and moisture-regulating effect. This high-quality sling is always used with the goliath® bariatric hoist for the basic care of obese patients up to max. 250 kg body weight.

Head support with Velcro fastening (optional)

Dimensions see pages 54-55





aks head support



The aks head support is available as an option for the following products: Standard sling, bath sling, comfort hygiene sling, horizontal transport sling with 8-point attachment/ ~ for bathing. A Velcro strip makes it possible to fix and position the head support.



aks extension loops

The aks extension loops allow the extension of sling loops on suitable aks hoist sling for standard hoists. This way, it is possible to quickly and easily adjust the hoisting sling to the different needs of the patients. They are made of extremely tear-resistant straps and are easy to attach to the sling loops of the aks hoist slings. They are intended for aks hoist slings on standard hoists.



The following objectives can be achieved by extending the sling loops

- Increasing the distance between the patient and the spreader bar
- Easier to hang the sling loops on the spreader bar
- Extension of the leg loops in order to achieve a more upright sitting position or to have more possible angles in the sitting position



Technical specifications

Standard: EN ISO 10535:2007-04

Maximum load: 250 kg

Length folded: 24 cm

Effective extension, following attachment to the aks hoist sling, approx. 18 cm

2 piece extension loops, size 24 cm



aks standard sling with breast loop for active hoist (dualo®)

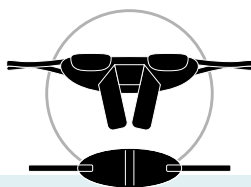
This sling for active hoist supports a patient during stand-up and for lowering into a seated position with additional breast loop, which gives extra security. Special padding in the underarm area prevents cutting in to the armpits.

Maximum load: 250 kg

aks calf strap for active hoist (dualo®)



The calf strap provides additional stability and supports the lower leg during the standing procedure of partially mobile patients.



aks standaid sling with breast loop for active hoist torino® II and torino® compact

This standaid sling can only be used for the torino® II active hoist. The standaid sling is enhanced by the comfortable seat swing for the transfer in sitting position. The calf strap (included) provides more security and support for the patient.

Maximum load: 150 kg

Seat swing length/width: 68/25 cm



Watch the transfer from wheelchair to care bed with torino® II on YouTube.

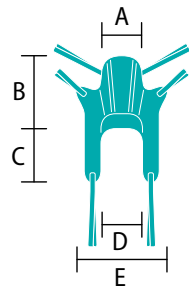
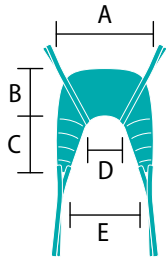


@aks_GmbH

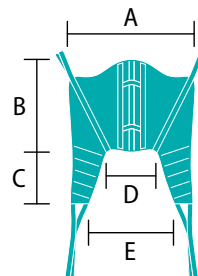
aks Hoist slings

aks standard sling
with back reinforcement
and integrated head support

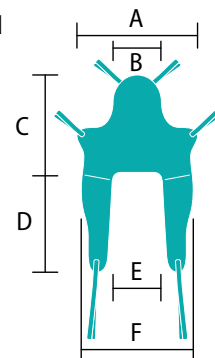
aks standard sling/
aks bath sling



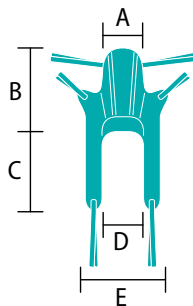
aks comfort sling with integrated head
support/aks comfort bath sling~



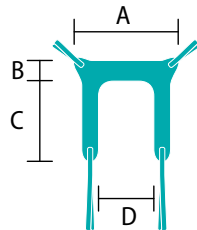
aks bath sling
with head support Flex



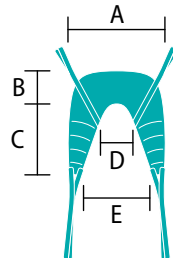
aks bath sling with back reinforcement
and integrated head support



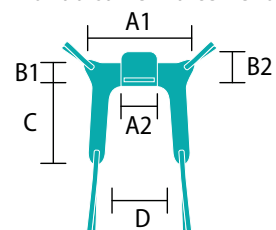
aks hygiene sling



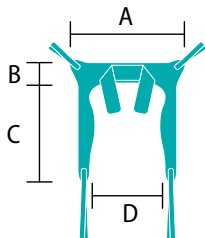
aks comfort hygiene sling



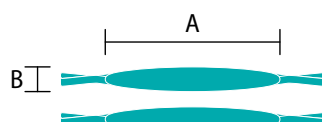
aks hygiene sling
with dorsal reinforcement



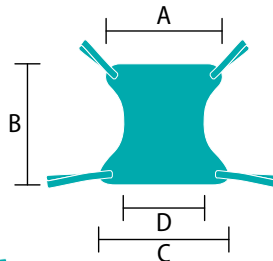
aks fast transport sling
with breast loop/~ for bathing



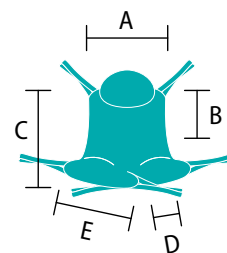
Standard sling
(2 individual slings)



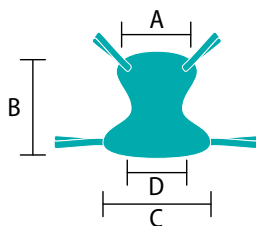
aks universal comfort sling



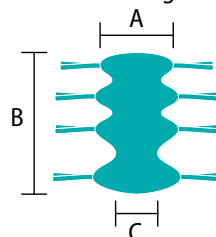
aks horizontal
transport sling



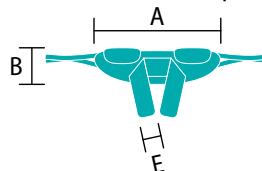
aks universal net sling/
aks universal Flex sling,



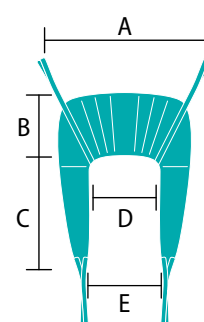
aks horizontal transport sling
for spreader bar with
8-point attachment/~for
bathing



aks standard sling with breast loop
for active hoist dualo/torneo® II
and torino® compact



goliath® sling



All dimensions in cm.

	A	B	C	D	E	F	Breast loop
aks standard sling/aks bath sling, size S	76	56	52	28	50		
aks standard sling/aks bath sling, size M	89	56	60	30	59		
aks standard sling/aks bath sling, size L	91	56	73	32	62		
aks standard sling/aks bath sling, size XL	96	59	78	36	68		
aks standard sling/aks bath sling, size XXL	104	64	81	44	80		
aks bath sling with head support Flex, size S	90	38	90	60	35	70	
aks bath sling with head support Flex, size M	95	40	105	65	40	85	
aks bath sling with head support Flex, size L	100	43	110	70	45	88	
aks bath sling with head support Flex, size XL	110	45	110	85	50	92	
aks bath sling with head support Flex, size XXL	120	45	115	100	50	96	
aks standard sling with back reinforcement and integrated head support, size S	38	89	42	35	60		
aks standard sling with back reinforcement and integrated head support, size M	40	103	65	50	74		
aks standard sling with back reinforcement and integrated head support, size L	40	111	65	50	76		
aks bath sling with back reinforcement and integrated head support, size S	38	89	42	35	60		
aks bath sling with back reinforcement and integrated head support, size M	40	103	65	50	74		
aks bath sling with back reinforcement and integrated head support, size L	40	111	65	50	76		
aks hygiene sling, size S	90	22	65	40	-		
aks hygiene sling, size M	97	22	71	44	-		
aks hygiene sling, size L	108	25	78	58	-		
aks hygiene sling, size XL	120	25	90	64	-		
aks hygiene sling, size XXL	130	27	110	74	-		
aks hygiene sling with dorsal reinforcement, size S	86/29	24/36	65	38			
aks hygiene sling with dorsal reinforcement, size M	96/33	26/40	69	47			
aks hygiene sling with dorsal reinforcement, size L	107/34	28/40	75	51			
aks hygiene sling with dorsal reinforcement, size XL	118/37	25/40	89	63			
aks hygiene sling with dorsal reinforcement, size XXL	128/47	26/45	107	68			
aks comfort hygiene sling, size S	78	32	70	24	46		
aks comfort hygiene sling, size M	88	39	77	28	58		
aks comfort hygiene sling, size L	96	42	95	32	65		
aks comfort hygiene sling, size XL	105	45	105	40	69		
aks comfort hygiene sling, size XXL	115	45	120	49	73		
aks comfort sling with integrated head support/aks comfort bath sling~, size S	98	79	45	42	66		
aks comfort sling with integrated head support/aks comfort bath sling~, size M	122	89	46	46	74		
aks comfort sling with integrated head support/aks comfort bath sling~, size L	135	92	64	47	82		
aks comfort sling with integrated head support/aks comfort bath sling~, size XL	152	94	87	52	80		
aks comfort sling with integrated head support/aks comfort bath sling~, size XXL	164	100	108	56	70		
aks universal comfort sling, size M	84	100	85	45	-		
aks universal comfort sling, size L	110	109	109	71	-		
aks universal comfort sling, size XL	128	116	131	90	-		
aks universal comfort sling, size XXL	152	114	151	109	-		
aks universal net sling/aks universal Flex sling, size S	110	126	107	56	-		
aks universal net sling/aks universal Flex sling, size M	115	133	117	62	-		
aks universal net sling/aks universal Flex sling, size L	130	140	129	68	-		
aks universal net sling/aks universal Flex sling, size XL	145	145	144	83	-		
aks universal net sling/aks universal Flex sling, size XXL	160	145	160	98	-		
aks horizontal transport sling, size M	86	60	103	31	77		
aks horizontal transport sling, size L	95	60	103	33	82		
aks horizontal transport sling, size XL	105	65	108	35	87		
aks horizontal transport sling, size XXL	115	65	108	37	95		
aks horizontal transport sling for spreader bar with 8-point attachment/~ for bathing, size M/	66	183	46	-	-		
aks horizontal transport sling for spreader bar with 8-point attachment/~ for bathing, size L	75	189	66	-	-		
aks horizontal transport sling for spreader bar with 8-point attachment/~ for bathing, size XL	85	189	76	-	-		
aks horizontal transport sling for spreader bar with 8-point attachment/~ for bathing, size XXL	100	189	81	-	-		
Standaid sling (2 individual slings), size M	110	17	-	-	-	-	
aks fast transport sling with breast loop/~ for bathing, size S	93	24	70	54/35	-	-	124
aks fast transport sling with breast loop/~ for bathing, size M	113	24	96	75/66	-	-	138
aks fast transport sling with breast loop/~ for bathing, size L	113	24	96	75/66	-	-	167
goliath® sling A, see bariatric range	112	68	94	50	70		
goliath® sling B, see bariatric range	126	72	106	63	94		
goliath® sling C, see bariatric range	140	76	120	78	102		
aks standaaid sling with breast loop for active hoist dualo/torneo® II and torneo® compact S	87	27	-	-	16	-	114
aks standaaid sling with breast loop for active hoist dualo/torneo® II and torneo® compact M	105	29	-	-	16	-	138
aks standaaid sling with breast loop for active hoist dualo/torneo® II and torneo® compact L	120	29	-	-	16	-	147
aks standaaid sling with breast loop for active hoist dualo/torneo® II and torneo® compact XL	141	29	-	-	16	-	167
aks standaaid sling with breast loop for active hoist dualo/torneo® II and torneo® compact XXL	141	29	-	-	16	-	178
aks calf strap	140	18	-	-	-		



aks support and transport aids

Quick solutions for back-friendly work



aks support strap

The aks support strap incorporates various auxiliary functions. It can be used as an aid for transferring to a seat. The entire movement sequence is controlled by the carer. Assistance with standing up and sitting down can also be supported by the caregiver without back strain.

The aks support strap is also a valuable aid for walking with unsteady patients without having to hold their arm (prevention of pain).

Several handle loops that allow the carer to support and facilitate use. An adjustable and automatically centring fastener on the front side ensures a secure fit. Four sizes enable use with many different abdominal girths.

Technical Data

Outer material: polyester

Inner material: non-slip PU-coated fabric, washable at 60 °C; do not dry in a dryer

Fastener: push-fit fastening, self-centring

Size S, waist size 60-80 cm

Size M, waist size 75-95 cm

Size L, waist size 90-110 cm

Size XL, waist size 110-130 cm



aks lifting sling

The aks lifting sling supports the user when lifting a patient and lowering them onto a seat. This effectively makes the daily work of care personnel easier.

Two sizes with two different length grip loop pairs each are available and can be used for different size patients.

Technical Data

Outer material: polyester

Inner material: non-slip PU-coated fabric, washable at 60 °C; do not dry in a dryer

Size M, 60 x 20 cm (without grip loops)

Size L, 90 x 25 cm (without grip loops)





aks pelvic belt comfort

The aks-pelvic belt comfort offers optimum support for pelvic positioning for partially mobile people in a sitting position. It is easy and quick to handle and supports partially mobile people in wheelchairs or other seating. Patients are effectively protected against slipping forwards. Stability, workmanship quality and fit provide high wearing comfort without the material cutting into the thighs.

Practical push-fit fasteners with variable size adjustment.

Technical Data

Material: 100% cotton, lockstitch jersey

Inner-side coating: TEXTHANE, water-repellent and breathable

Washable: up to 30 °C; do not dry in a dryer

Size S, waist size 60-80 cm

Size M, waist size 75-95 cm

Size L, waist size 90-110 cm



aks sliding and turning sheet

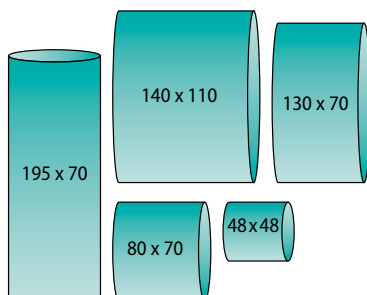
The aks sliding and turning sheets are made of silicone-coated fabric that effectively reduces the friction resistance during the repositioning of patients. This makes the corresponding activities of care personnel easier. Different sizes of the aks sliding and turning sheets can be used depending on the restriction of the patient's mobility. The body regions to be supported are decisive here.

The large number of possible uses covers repositioning of normal, heavy and very heavy immobile patients from abdomen, back or side position to any required position. Good patient care simply becomes more feasible.

Technical Data

Outer material: silicone-coated fabric, green
washable at 60° C; do not dry in a dryer

Size 195 x 70 cm
Size 140 x 110 cm
Size 130 x 70 cm
Size 80 x 70 cm
Size 48 x 48 cm



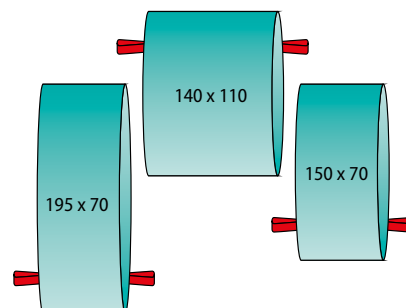
aks sliding and turning sheet with grip loops

This design combines all positive product characteristics of the aks sliding and turning sheets and may potentially be used for particularly heavy and very heavy patients. The grip loops here provide as low friction resistance as possible while in use and thus make movement of these patients possible. With more and more people suffering from adiposity, the use of such sheets is becoming increasingly more important.

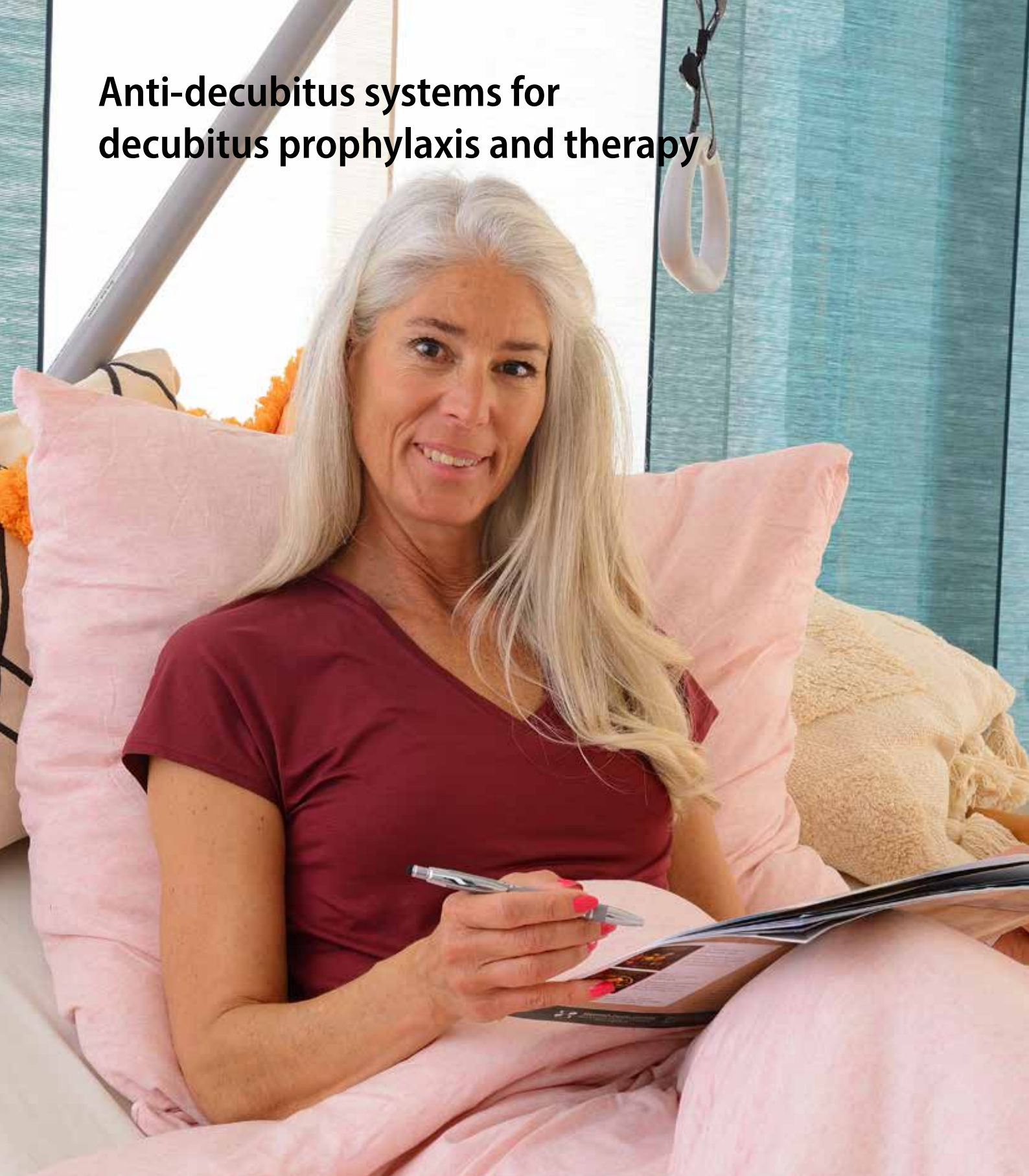
Technical Data

Outer material: silicone-coated fabric, green
Grip loops: Polyester sling, red
washable at 60 °C; do not dry in a dryer

Size 195 x 70 cm
Size 140 x 110 cm
Size 150 x 70 cm



**Anti-decubitus systems for
decubitus prophylaxis and therapy**



**Innovative and classic aids
for pressure relief**

Alternating pressure systems



saniflow® II
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saniflow® II S
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saniflow® III
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saniflow® IV
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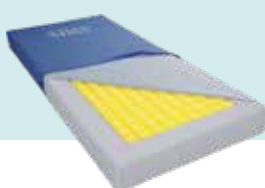


aks-samson
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Anti-decubitus foam mattresses



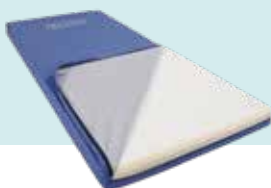
aks-maxiplot
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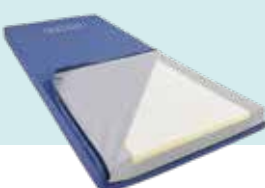
aks-microplot plus
Page 71



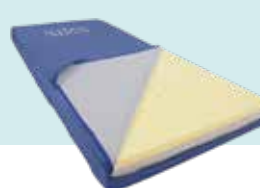
aks-varioplus
Page 72



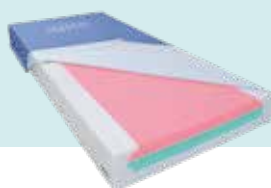
aks-duoplot/
aks-duoplot RV
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aks-duoplot plus/
aks-duoplot plus RV
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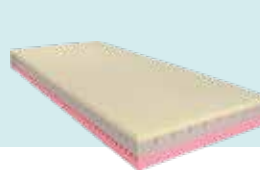
aks-memoplot/
aks-memoplot RV
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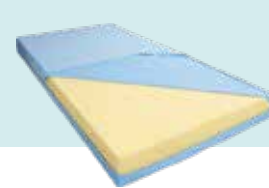
aks-theraplot
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aks-viscoplot
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aks-HD 85
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Standard mattress
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Useful information

EPUAP

Decubitus grades are currently stated with the note “according to EPUAP”.

EPUAP (European Pressure Ulcer Advisory Panel) is the European advisory body for decubitus. Medical specialists and scientists further develop decubitus research here.

Grade I according to EPUAP

Non-blanchable, localised reddening of intact skin, usually above a bony projection. Fading may not be visible for darkly pigmented skin; however, the colour can be different from the surrounding skin. The area may be tender, hardened, soft, warmer or colder than the surrounding tissue. These symptoms can indicate a (decubitus) risk.

Grade II according to EPUAP

Partial destruction of the skin (as far as the dermis/sciera), which appears as a flat, open ulcer with a red- to pink-coloured wound bed without covering. It can also present itself as an intact or open/ruptured, serum-filled blister. It manifests itself as shiny or dry, flat ulcer without necrotic tissue or bruising*. This category should not be used to describe skin tears (tissue ruptures), skin damage caused by bandages or plasters, lesions due to humidity, macerations or grazes.

** Bruises indicate deep tissue damage.*

Grade III according to EPUAP

Destruction of all skin layers. Subcutaneous fat can be visible; however, no bones, muscles or tendons. There can be a covering; however, this does not conceal the depth of the tissue damage. Tunnels or undermining can be present. The depth of the decubitus of Category/ Stage/Grade III varies according to anatomical localisation. The bridge of the nose, the ear, the back of the head and the auditory ossicle have no subcutaneous tissue; therefore, Category III wounds there can also be very superficial. In contrast, extremely deep Category III wounds may occur at particularly adipose parts of the body. Bones and tendons are not visible or palpable.

Grade IV according to EPUAP

Total tissue loss with exposed bones, tendons or muscles. Covering and scab can be present. Tunnels or undermining are often present. The depth of the Category IV decubitus depends on the anatomical localisation. The bridge of the nose, the ear, the back of the head and the bone prominence on the ankle have no subcutaneous tissue; therefore, wounds there may also be very superficial. Category IV wounds can spread into muscles or supporting structures (fascia, tendons or joint capsules) and can easily cause osteomyelitis or osteitis in doing so. Bones and tendons are visible or palpable.

Source: Decubitus Prevention guideline, prepared by EPUAP and NPUAP



saniflow® II

Large-cell, standard class anti-decubitus alternating pressure system

The standard class already starts with a large-cell mattress overlay system which provides the patient with pleasant relief using alternating pressure.

The advantages of the saniflow® II:

- Overlay mattress system
- Easy operation: continuously variable pressure setting according to the patient weight, stable folding metal spreader bar for attachment to the bed, simple filter replacement
- Visual display for reaching the required pressure
- Visual alarm in the event of pressure loss (e.g. leak)
- Highly elastic foam strips on the rear side and soft feet for noise insulation
- Cycle time 12 minutes
- Alternating two-chamber system for intermittent pressure relief
- 17/19 cells, can be replaced individually
- Cell height 13 cm
- Mattress cover made of nylon/PVC fastened to the mattress overlay at the head and foot ends with press studs, water-impermeable
- With fold-over ends for fastening to the foam mattress underlay

- Fast ventilation of the mattress using end plugs with pull ring
- Secure snap-in connection of the hoses on the pump unit
- Available in 90/100 cm x 200/220 cm

Patient weight 40-120 kg

Decubitus grade up to and incl. Grade II (according to EPUAP)



UP TO
GRADE II
EPUAP

saniflow® II S

Pain patients can be gently positioned in static mode

Advantages; see description of the saniflow® II

Additional functions of the saniflow® II S

- Switch for static mode
- Visual and audible alarms in the event of pressure loss (e.g. leak)
- Switch for resetting the audible alarm
- Available in 90/100 cm x 200/220 cm

Patient weight 40-120 kg

Decubitus grade up to and incl. Grade II
(according to EPUAP)



saniflow® III

Large-cell, medium standard class anti-decubitus alternating pressure system with static function

This further developed version enables persons with up to 130 kg body weight and up to and including Decubitus Grade III according to EPUAP to use the advantages of a medium standard class alternating pressure system.

The advantages of the saniflow® III:

- Overlay mattress system
- With static function and thus suitable for patients in pain
- Easy operation: continuously variable pressure setting according to the patient weight; simple filter replacement
- Visual display for reaching the required pressure
- Visual and audible alarms in the event of pressure loss (e.g. leak)
- Switch for resetting the audible alarm
- Highly elastic foam strips on the rear side and soft feet for noise insulation
- Cycle time 12 minutes
- Alternating two-chamber system for intermittent pressure relief
- 17/19 cells, can be replaced individually

- Cell height 13 cm
- Mattress cover made of nylon/PVC fastened to the mattress with all-round zip; water-impermeable
- With diagonal rubber strips routed over the corners on the mattress underside for fixing to the foam mattress underlay
- Fast ventilation of the mattress using end plugs with pull ring
- Secure snap-in connection of the hoses on the pump unit
- Available in 90/100 cm x 200/220 cm

Patient weight 40-130 kg
Decubitus grade up to and incl. Grade III
(according to EPUAP)



saniflow® IV

Large-cell enhanced standard class anti-decubitus alternating pressure system with static and care function

As a mattress replacement system with a sophisticated range of functions, saniflow® IV meets the high requirements of the enhanced standard. Patients with decubitus up to and including Grade IV according to EPUAP receive the best standard care for decubitus therapy.

The advantages of the saniflow® IV:

- Mattress replacement system
- Care function enables a maximum filled static support surface with a time limit of 30 minutes and automatic changeover to the previously selected alternating pressure or static operating mode and the selected pressure level.
- 8-stage pressure setting according to the patient weight
- Visual display for reaching the required pressure
- Visual and audible alarms in the event of pressure loss (e.g. leak)
- Switch for resetting the audible alarm
- Cycle time can be set from 10-25 minutes
- Mattress replacement system with removable foam underlay (4 cm)
- Alternating two-chamber system for intermittent pressure relief
- 17/19 cells, can be replaced individually

- Cell height 13 cm
- Mattress cover made of nylon/PVC fastened to the mattress with all-round zip; water-impermeable
- With diagonal rubber strips routed over the corners on the mattress underside for fixing to the horizontal area
- Fast ventilation of the mattress using end plugs with pull ring
- Secure snap-in connection of the hoses on the pump unit
- Available in 90/100 cm x 200/220 cm

Patient weight 40-130 kg

Decubitus grade up to and incl. Grade IV
(according to EPUAP)



aks samson

High-cell anti-decubitus alternating pressure system for heavy patients up to 300 kg

aks samson provides correct care of adipose persons at risk of decubitus. The special design and the arrangement of the 20 double cells with a cell height of 25 cm ensure significant pressure relief and thus increased well-being for the heavyweight person in decubitus therapy. Care and static seat function complete the list of product benefits.

The advantages of the aks samson:

- Changeover button from static to alternating pressure operation
- 8-stage pressure setting according to the patient weight
- Cycle time can be set to 10, 15, 20 or 25 minutes
- Visual and audible alarms in the event of pressure loss, power failure and system errors
- Reset button of the audible alarm for low pressure and system errors
- Time-limited care function with automatic changeover to the previously set operating mode and pressure
- Button for activation/deactivation of the seat function
- Automatically activating button lockout
- Simple filter replacement
- 20 double cells made of nylon with TPU lamination, three static head cells, 17 cells with alternating pressure in the upper area, complete lower area static
- All cells can be replaced individually
- Cell height approx. 25 cm
- Mattress cover made of polyester fabric with PU coating, flame-retardant, tested according to BS7175 sec 3 crib 5, water-impermeable, fastened to the mattress with all-round zip
- CPR valve for fast mattress ventilation
- Strips on the mattress underside for fastening to the lying area
- Secure snap-in connection of the hoses on the pump unit
- All widths 90, 100, 120, 140 cm also in 200 and 220 cm lengths

Patient weight 30 to 300 kg

Decubitus prophylaxis and therapy support up to and including Grade IV (according to EPUAP)

See table on p. 68/69, 121

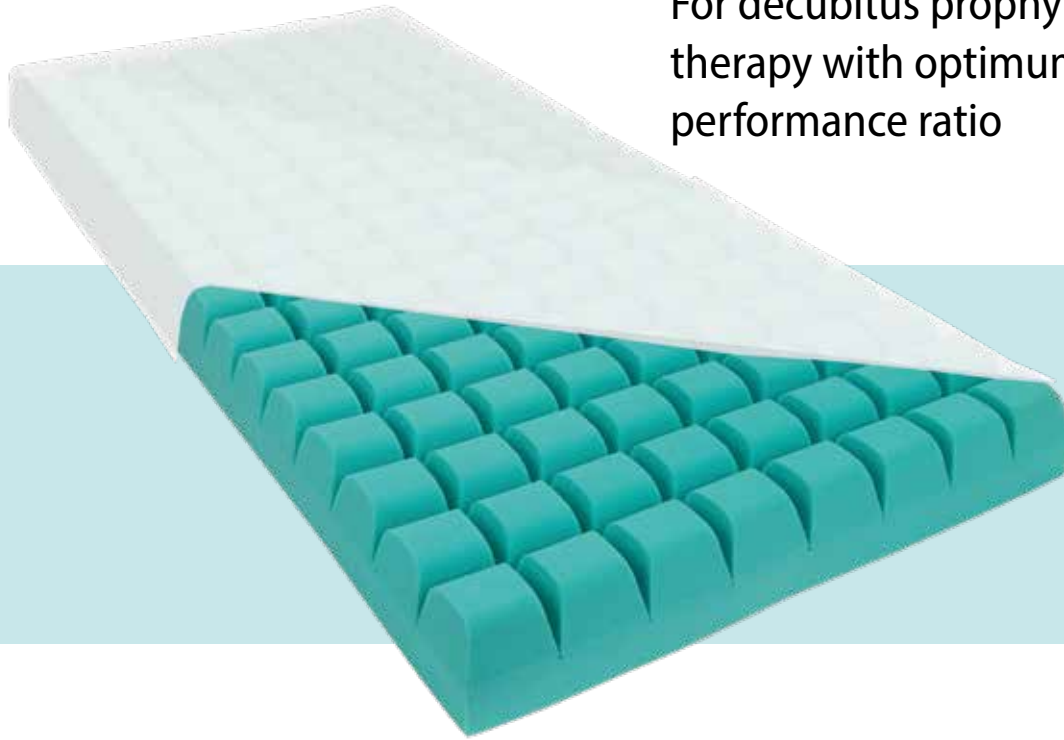
Technical data for alternating pressure systems

Product	Pump unit			Mattress overlay/mattress replacement system					
	W x H x D (incl. feet)	Weight	Power consump- tion	Support	Re- place- ment system	H x W x L		Weight	Cells/honeycombs *(static)
saniflow® II	28 x 20,5 x 10 cm	2,3 kg	12 W	Yes	–	13 x 90 x 200 cm	4,9 kg	17	17
						13 x 90 x 220 cm			
						13 x 100 x 200 cm			
						13 x 100 x 220 cm			
Replacement mattress						13 x 90 x 200 cm		17	
						13 x 90 x 220 cm		19	
						13 x 100 x 200 cm		17	
						13 x 100 x 220 cm		19	
Replacement pump unit									
saniflow® II S	28 x 20,5 x 10 cm	2,3 kg	12 W	Yes	–	13 x 90 x 200 cm	4,9 kg	17	17
						13 x 90 x 220 cm			
						13 x 100 x 200 cm			
						13 x 100 x 220 cm			
Replacement mattress						13 x 90 x 200 cm		17	
						13 x 90 x 220 cm		19	
						13 x 100 x 200 cm		17	
						13 x 100 x 220 cm		19	
Replacement pump unit									
saniflow® III	28 x 20,5 x 10 cm	2,3 kg	12 W	Yes	–	13 x 90 x 200 cm	4,9 kg	17	17
						13 x 90 x 220 cm			
						13 x 100 x 200 cm			
						13 x 100 x 220 cm			
Replacement mattress						13 x 90 x 200 cm		17	
						13 x 90 x 220 cm		19	
						13 x 100 x 200 cm		17	
						13 x 100 x 220 cm		19	
Replacement pump unit									
saniflow® IV	28 x 20,5 x 10 cm	2,6 kg	12 W	–	Yes	17 x 90 x 200 cm	8,3 kg	17	17
						17 x 90 x 220 cm			
						17 x 100 x 200 cm			
						17 x 100 x 220 cm			
Replacement mattress						17 x 90 x 200 cm		17	
						17 x 90 x 220 cm		19	
						17 x 100 x 200 cm		17	
						17 x 100 x 220 cm		19	
Replacement pump unit									
aks-samson	36,9 x 25 x 13,5 cm	3,6 kg	12 W	–	Yes	25 x 90 x 200 cm	7,6 kg	20 double cells	
						25 x 100 x 200 cm	7,8 kg		
						25 x 120 x 200 cm	8,7 kg		
						25 x 140 x 200 cm	9,9 kg		
						25 x 90 x 220 cm	7,9 kg		
						25 x 100 x 220 cm	8,2 kg		
						25 x 120 x 220 cm	10,3 kg		
						25 x 140 x 220 cm	11,0 kg		
Replacement pump unit									

Static mode	Height of cells	Minimum patient weight	Maximum patient weight	Decubitus grade EPUAP	Pain therapy	Order No.
–	13 cm	40 kg	120 kg	Grade II	–	21230
						21243
						21244
						21245
						21232
						21255
						21256
						21257
Yes	13 cm	40 kg	120 kg	Grade II	Yes	21231
						21239
						21246
						21247
						21248
						21232
						21255
						21256
Yes	13 cm	40 kg	130 kg	Grade III	Yes	21257
						21240
						21233
						21249
						21250
						21251
						21235
						21258
Yes/care function	13 cm	40 kg	130 kg	Grade IV	Yes	21259
						21260
						21234
						21236
						21252
						21253
						21254
						21238
Yes, seat/care function	25 cm	30 kg	300 kg	Grade IV	Yes	21261
						21262
						21263
						21237
						27600
						27605
						27610
						27620
						27601
						27606
						27611
						27621
						27602

aks maxiplot

For decubitus prophylaxis and therapy with optimum price/performance ratio



UP TO
GRADE I
EPUAP

This reasonably priced cube mattress is suitable for decubitus therapy support and has proved successful for many years.

Patient weight 40-110 kg

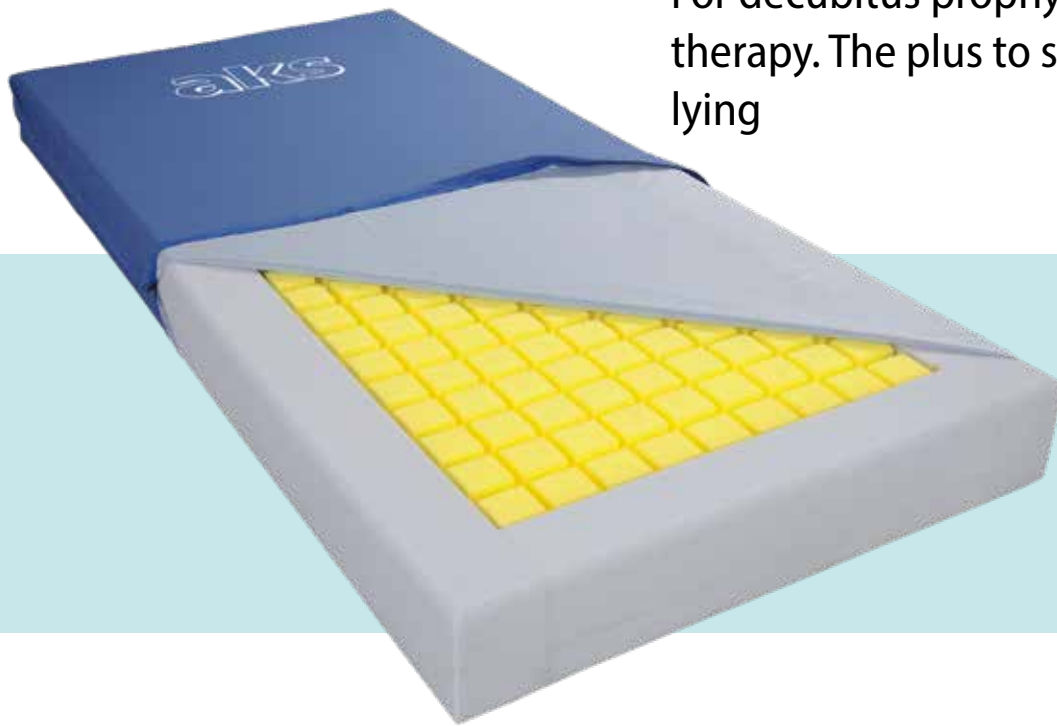
For decubitus prophylaxis and therapy support up to and including Grade I (acc. to EPUAP)

The advantages of the aks maxiplot:

- Cube mattress at an attractive price
- 144 (90 x 200 cm) or 162 (100 x 200 cm) firmly attached foam cubes with specially rounded surfaces
- Distribution of the patient's weight and reduction of the support pressure
- Precisely incorporated air ducts for improved air circulation
- Easy handling due to low weight
- The mattresses are delivered rolled and vacuum packed.
- Continuous use for home care and in the elderly and nursing home sector
- Optionally available with aks inkocover stretch cover or inkoair® mattress cover (also available separately)
- inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C
- Mattress with aks inkocover stretch cover or with inkoair® mattress cover, available in 90/100 x 200 x 14 cm

aks microplot plus

For decubitus prophylaxis and therapy. The plus to stable soft lying



UP TO
GRADE II
EPUAP

Cube mattress with stable trough for optimum soft lying. Also specially for low body weights due to particularly soft, cube structured horizontal area.

Patient weight 40-120 kg

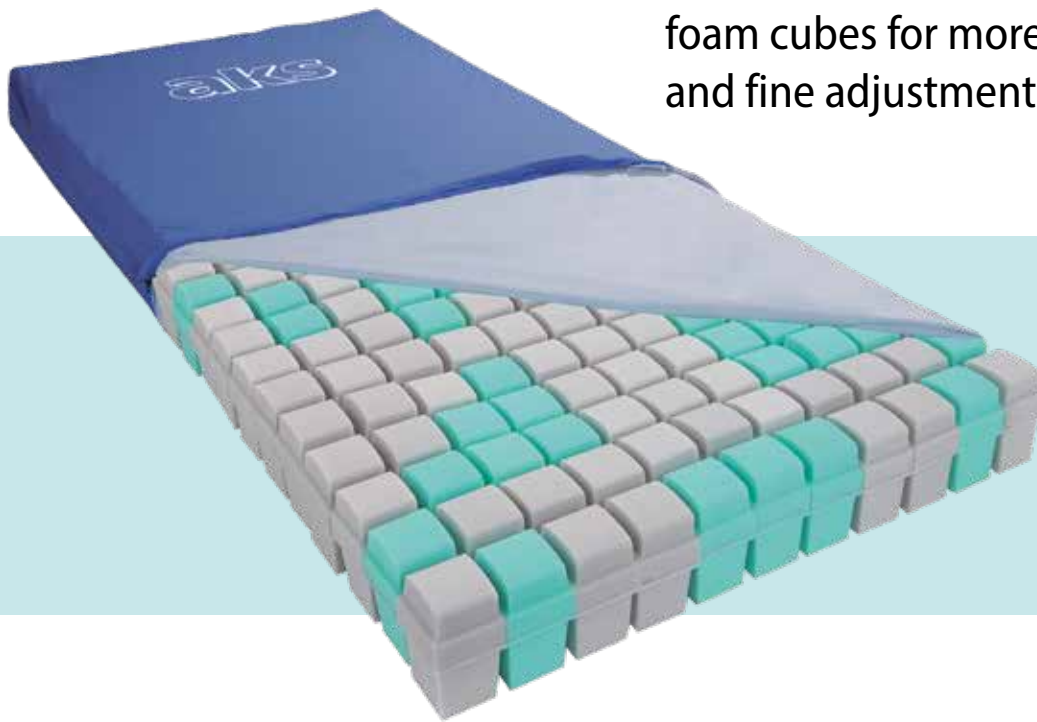
For decubitus prophylaxis and therapy support up to and including Grade II (acc. to EPUAP)

The advantages of the aks microplot plus:

- Cube-structured lying area with low compression hardness for optimised soft lying
- Specially rounded cube surfaces provide better distribution of the patient weight on the largest possible area; this causes reduction of the support pressure with reduction of the shear forces
- The cube section makes air circulation in the mattress possible Edge zone reinforcement for support of the mobilisation of the patient
- Adaptable for adjustment of the bed lying area
- The mattresses are delivered covered, rolled and vacuum packed.
- inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C
- Mattress with aks inkocover stretch cover or with inkoair® mattress cover, available in 90/100 x 200 x 16 cm

aks varioplus

The mattress with removable foam cubes for more flexibility and fine adjustment



UP TO
GRADE II
EPUAP

The advantages of the aks varioplus:

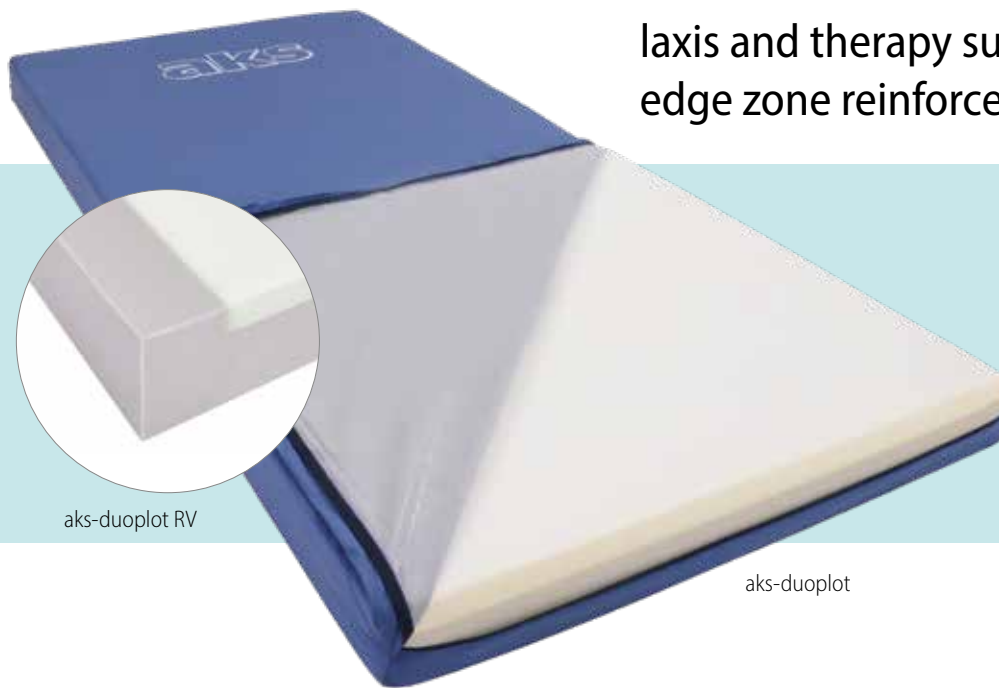
- Combination cube mattress made of high-quality foams
- Soft lying and hollow positioning with two different compression hardnesses and three heights of the removable cubes for more precise, individual body adjustment
- Rounded cube surfaces for optimised distribution of the patient weight on the largest possible area, improved reduction of the support pressure
- The drop-in grille system connects the various cubes to each other
- Areas with decubitus can be supported almost without pressure
- Soft and firmer cubes in accordance with anatomical requirements are already inserted when the mattress is shipped.
- The design and the fine cut of the cubes leave enough free space for optimum air circulation between patient and mattress.
- The mattresses are delivered covered, rolled and vacuum packed.
- including inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C (mattress cover also available separately)
- Mattress available in 90 or 100 x 200 x 15 cm

Patient weight 40-120 kg

For decubitus prophylaxis and therapy support up to and including Grade II (acc. to EPUAP)

aks duoplot RV/ aks duoplot plus RV

Suitable for decubitus prophylaxis and therapy support with edge zone reinforcement



aks-duoplot RV

aks-duoplot

UP TO
GRADE III
EPUAP

The advantages of the aks duoplot RV/aks duoplot plus RV:

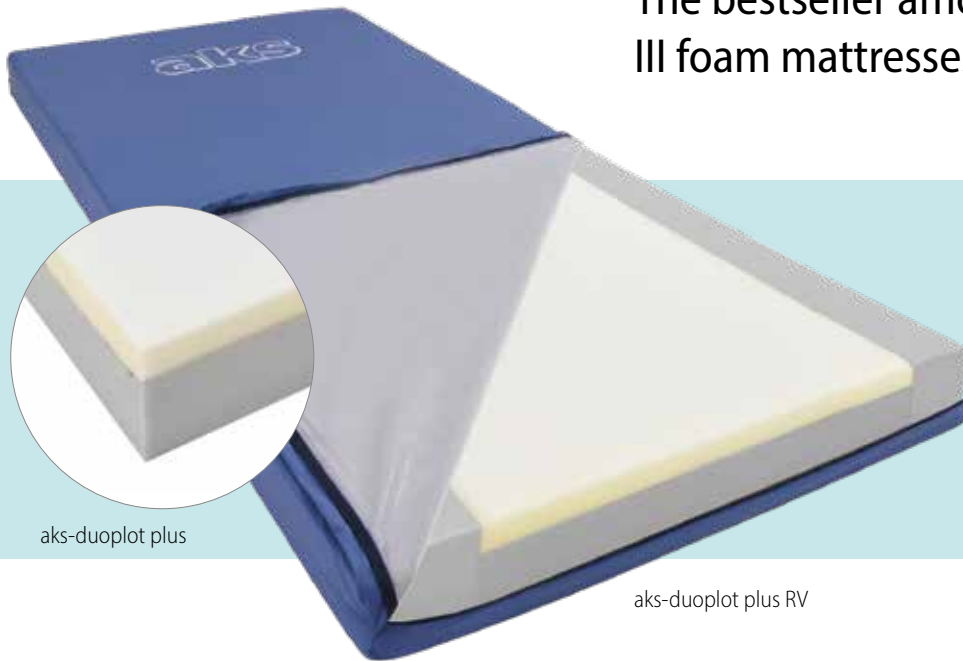
- Optimum pressure relief thanks to large support area made of soft foam
- **Reinforced edge zone** for stable sitting on the edge of the mattress and easier transfer to the chair/wheelchair
- Reduces shear forces and produces favourable micro-climate through incisions below the support surface
- Suitable for bedding cachectic patients and patients in pain
- Available in widths of 90 cm and 100 cm and in heights of 12 and 14 cm (aks duoplot plus RV)
- Incl. aks inkoair® mattress cover, especially suitable for patients with incontinence
- Optional: extender (20 cm)
- The mattresses are delivered covered, rolled and vacuum packed
- inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C
- aks duoplot 90/100 x 200/220 x 12 cm
aks duoplot plus 90/100 x 200/220 x 14 cm

Patient weight 40-120 kg for 12 cm height
and 40-140 kg for 14 cm height

For decubitus prophylaxis and therapy support up to and including Grade III (acc. to EPUAP)

aks duoplot/ aks duoplot plus

The bestseller among the Grade III foam mattresses



aks-duoplot plus

aks-duoplot plus RV

**UP TO
GRADE III
EPUAP**

The advantages of the aks duoplot/aks duoplot plus:

- Optimum pressure relief thanks to large support area made of soft foam
- Reduces shear forces and produces favourable micro-climate through incisions below the support surface
- Suitable for bedding cachectic patients and patients in pain
- Available in widths of 90 cm and 100 cm and in heights of 12 and 14 cm (aks duoplot plus)
- Incl. aks inkoair® mattress cover, especially suitable for patients with incontinence
- Optional: extender (20 cm)
- The mattresses are delivered covered, rolled and vacuum packed
- inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C
- aks duoplot 90/100 x 200/220 x 12 cm
- aks duoplot plus 90/100 x 200/220 x 14 cm

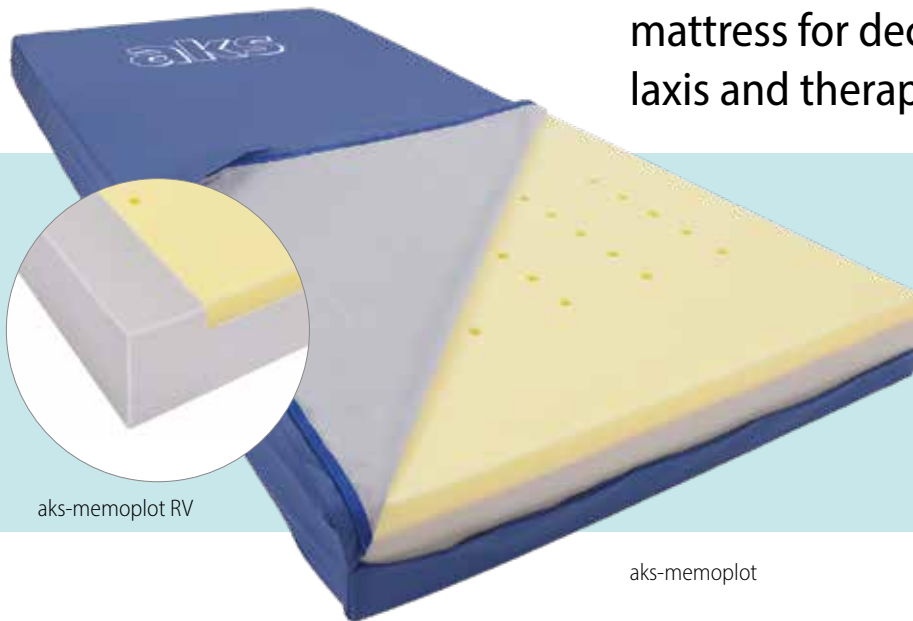
Patient weight 40-120 kg for 12 cm height

and 40-140 kg for 14 cm height

For decubitus prophylaxis and therapy support up to and including Grade III (acc. to EPUAP)

aks-memoplot/ aks-memoplot RV

Viscoelastic soft supporting
mattress for decubitus prophylaxis and therapy



**UP TO
GRADE III
EPUAP**

Anti-decubitus mattress with particularly good price/performance ratio and the advantages of a viscoelastic lying area top side, with or without reinforced edge zone.

Patient weight 40-120 kg

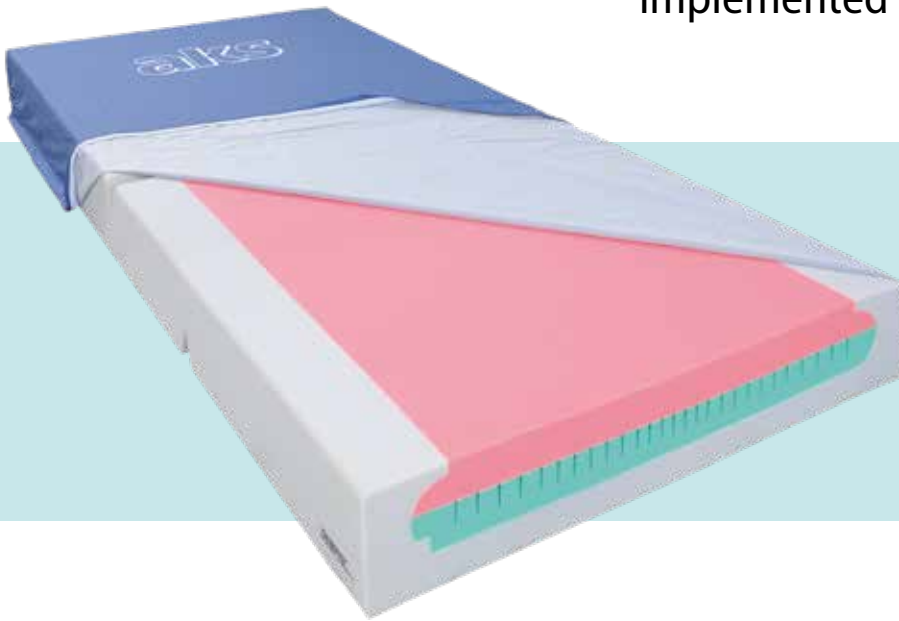
For decubitus prophylaxis and therapy support up to and including Grade III (acc. to EPUAP)

The advantages of the aks memoplot/RV

- Particularly well-suited for cachectic patients and for pain therapy
- Reinforced edge zone (RV) for stable sitting on the edge of the mattress and easier transfer to the chair/wheelchair
- Large support area made of soft, viscoelastic foam
- Ergonomic slits in the underside and the climate openings in the top layer favour the microclimate
- Optimum adjustment of the mattress to four-section lying areas using recesses on the mattress bottom side
- Optional mattress extension 20 cm
- Including inkoair® mattress cover (also available separately)
- The mattresses are delivered covered, rolled and vacuum packed
- inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C
- aks memoplot 90/100 x 200/220 x 14 cm
aks memoplot RV 90/100 x 200/220 x 14 cm

aks theraplot

Scientifically developed,
clinically tested and practically
implemented



UP TO
GRADE III
EPUAP

Our bestseller that optimally satisfies all requirements.

The advantages of the aks theraplot:

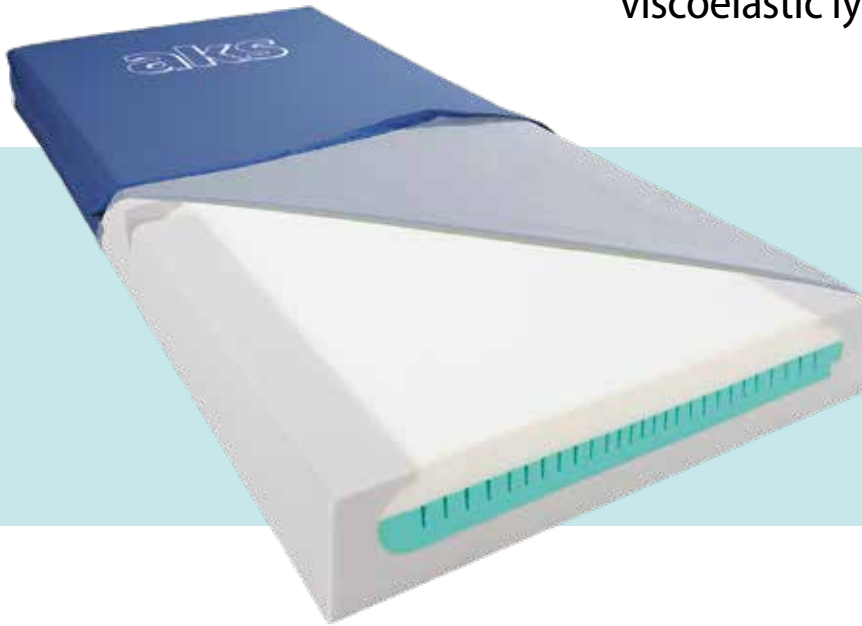
- Particularly well-suited for cachectic patients and for pain therapy
- Large support area made of soft, pink foam
- Adapts perfectly to the body profile and provides maximum support area
- Best pressure relief classes
- The cube-shaped, green middle layer favours the microclimate
- Due to three graduated, different compression hardnesses, this mattress is suitable for a patient weight of 35 to 150 kg
- Optimum adjustment of the mattress to four-section lying areas using three recesses
- Edge zone reinforcement on both sides for support of the mobilisation of the patient
- Suitable for re-use
- Optional: Mattress extension (20 cm) to accommodate larger patients
- Upon delivery, mattresses are covered, vacuumed and rolled
- incl. inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C
- Mattress available in 90 or 100 x 200 x 17 cm

Patient weight 35-150 kg

For decubitus prophylaxis and therapy support up to and including Grade III (acc. to EPUAP)

aks viscoplot

Three-layer with edge zone reinforcement, but with viscoelastic lying surface



UP TO
GRADE III
EPUAP

The advantages of the aks viscoplot:

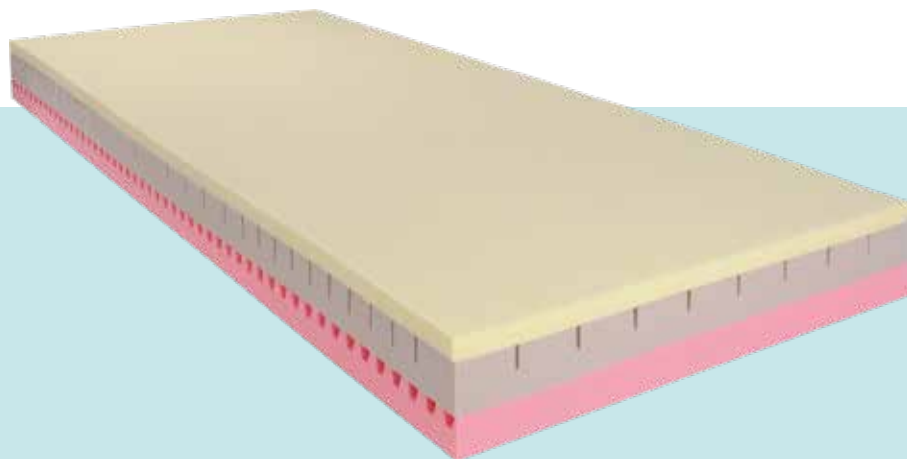
- Particularly well-suited for cachectic patients and for pain therapy
- Large support area made of soft, viscoelastic foam; adapts perfectly to the body profile and provides maximum support area
- The cube-shaped recesses in the green middle layer favour the microclimate
- Graduated, different compression hardnesses, in combination with viscoelastic support area for a patient weight of 30 to 150 kg
- Optimum adjustment of the mattress to four-section lying areas using three recesses
- Edge zone reinforcement on both sides for support of the mobilisation of the patient
- Ideally suited to re-use
- Optional: Mattress extension (20 cm) to accommodate larger patients
- Upon delivery, mattresses are covered, vacuumed and rolled
- incl. inkoair® mattress cover is fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1), it is free of latex, bi-elastic and washable up to 95 °C
- Mattress available in 90 or 100 x 200 x 17 cm

Patient weight 30-150 kg

For decubitus prophylaxis and therapy support up to and including Grade III (acc. to EPUAP)

aks HD 85

Anti-decubitus and soft positioning mattresses made of foam for large & heavy patients



UP TO
GRADE II
EPUAP

As a consistent supplement to the aks care beds for heavy and very heavy patients, these mattresses fulfil the particular requirements which arise from this application area. The foams used have been selected to be perfect for secure positioning.

The advantages of the aks HD 85:

- Selection and design have been adapted to the requirements of varyingly heavy patients
- Mattresses can be used without side bar height extender in the corresponding aks care beds (L, XL, XXL)
- With inkoair® mattress cover
- Three-layer structure for optimum pressure relief of the patient
- Top layer: high tech visco foam high density, low compression hardness
- Middle layer made of high-quality cold foam
- Bottom layer as base made of PU foam
- Many standard and special dimensions available

Patient weight

aks HD 85 L 40-150 kg

aks HD 85 XL 40-200 kg

aks HD 85 XXL 40-300 kg

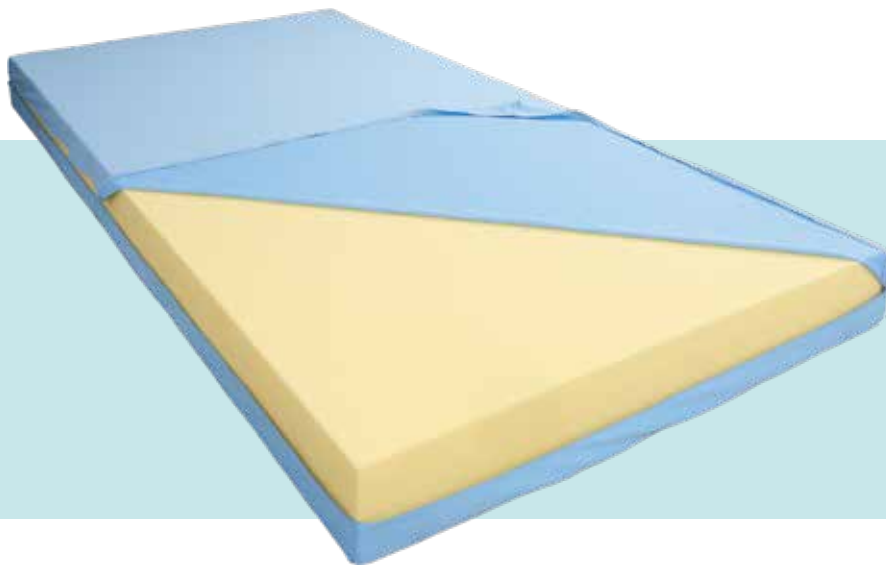
Decubitus prophylaxis and therapy support up to and including Grade II (according to EPUAP)

Order numbers

See p. 82

Standard mattress

Foam mattress for
L to XXL care beds



This standard mattresses is explicitly not suitable for decubitus prophylaxis and therapy. They are solely intended for normal use and round off the aks product range for bariatric care.

The advantages of the standard mattress:

- For everyday use
- Many different dimensions
- The mattress can be used without side bar height extender in the corresponding aks care beds (L-XXL)
- For persons with a body weight up to 130, 200 and max. 300 kg

Order numbers

See table on p. 82

Technical Data Foam mattresses

Product	Mattress height	Mattress width	Mattress length	Min. patient weight	Max. patient weight	Cover variants
aks-maxiplot	14 cm	90 cm	200 cm	40 kg	110 kg	aks inkocover stretch cover
	14 cm	90 cm	200 cm	40 kg	110 kg	inkoair® mattress cover
	14 cm	100 cm	200 cm	40 kg	110 kg	aks inkocover stretch cover
	14 cm	100 cm	200 cm	40 kg	110 kg	inkoair® mattress cover
aks-microplot plus	16 cm	90 cm	200 cm	40 kg	120 kg	aks inkocover stretch cover
	16 cm	90 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
	16 cm	100 cm	200 cm	40 kg	120 kg	aks inkocover stretch cover
	16 cm	100 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
aks-varioplus	15 cm	90 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
	15 cm	100 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
aks-duoplot	12 cm	90 cm	190 cm	40 kg	120 kg	inkoair® mattress cover
	12 cm	90 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
	12 cm	100 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
aks-duoplot RV	12 cm	90 cm	190 cm	40 kg	120 kg	inkoair® mattress cover
	12 cm	90 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
	12 cm	100 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
aks-duoplot plus	14 cm	90 cm	190 cm	40 kg	140 kg	inkoair® mattress cover
	14 cm	90 cm	200 cm	40 kg	140 kg	inkoair® mattress cover
	14 cm	100 cm	200 cm	40 kg	140 kg	inkoair® mattress cover
aks-duoplot plus RV	14 cm	90 cm	190 cm	40 kg	140 kg	inkoair® mattress cover
	14 cm	90 cm	200 cm	40 kg	140 kg	inkoair® mattress cover
	14 cm	100 cm	200 cm	40 kg	140 kg	inkoair® mattress cover
aks-memoplot	14 cm	90 cm	190 cm	40 kg	120 kg	inkoair® mattress cover
	14 cm	90 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
	14 cm	100 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
aks-memoplot RV	14 cm	90 cm	190 cm	40 kg	120 kg	inkoair® mattress cover
	14 cm	90 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
	14 cm	100 cm	200 cm	40 kg	120 kg	inkoair® mattress cover
aks-theraplot	17 cm	90 cm	200 cm	35 kg	150 kg	inkoair® mattress cover
	17 cm	100 cm	200 cm	35 kg	150 kg	inkoair® mattress cover
aks-viscoplot	17 cm	90 cm	200 cm	30 kg	150 kg	inkoair® mattress cover
	17 cm	100 cm	200 cm	30 kg	150 kg	inkoair® mattress cover

Decubitus grade acc. to EPUAP	Pressure relief class 80 kg	Pressure relief class max. pat. weight	Pain therapy	Edge zone reinforcement	Order No.
Grade I			No	No	04002
Grade I			No	No	04005
Grade I			No	No	04004
Grade I			No	No	04006
Grade II			No	Yes	04420
Grade II	H	D	No	Yes	04424
Grade II			No	Yes	04421
Grade II	H	D	No	Yes	04425
Grade II	H	H	No	No	04517
Grade II	H	H	No	No	04518
Grade III	H	H	Yes	No	04774
Grade III	H	H	Yes	No	04770
Grade III	H	H	Yes	No	04771
Grade III	H	H	Yes	Yes	04782
Grade III	H	H	Yes	Yes	04780
Grade III	H	H	Yes	Yes	04781
Cat. III	H	D	Yes	No	04790
Grade III	H	D	Yes	No	04791
Grade III	H	D	Yes	No	04792
Grade III	H	D	Yes	Yes	04800
Grade III	H	D	Yes	Yes	04801
Grade III	H	D	Yes	Yes	04802
Grade III	H	D	Yes	No	04777
Grade III	H	D	Yes	No	04764
Grade III	H	D	Yes	No	04765
Grade III	H	D	Yes	No	04778
Grade III	H	D	Yes	No	04768
Grade III	H	D	Yes	No	04769
Grade III	H	H	Yes	Yes	04715
Grade III	H	H	Yes	Yes	04716
Grade III	H	H	Yes	Yes	04733
Grade III	H	H	Yes	Yes	04734

Upon delivery,
the mattresses are
covered and
rolled.

Technical Data L-XXL Foam mattresses

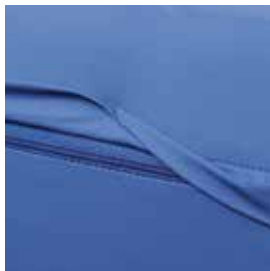
Product	Size in cm			Min. Patient Weight	Max. Patient Weight	Cover	Decubitusgrade acc. to EPUAP	Order-number
	H	B	L					
Foam								
aks-HD 85 L	14	80	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39169
	14	80	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39159
	14	80	220	40 kg	150 kg	inkoair® mattress cover	Grade II	49043
	14	90	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39140
	14	90	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39141
	14	90	220	40 kg	150 kg	inkoair® mattress cover	Grade II	39157
	14	100	180	40 kg	150 kg	inkoair® mattress cover	Grade II	39173
	14	100	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39170
	14	100	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39142
	14	100	220	40 kg	150 kg	inkoair® mattress cover	Grade II	39143
	14	120	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39144
	14	120	220	40 kg	150 kg	inkoair® mattress cover	Grade II	39145
	14	140	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39177
	14	140	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39146
aks-HD 85 XL	18	80	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39172
	18	90	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39156
	18	90	190	40 kg	200 kg	inkoair® mattress cover	Grade II	39620
	18	90	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39164
	18	100	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39147
	18	100	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39148
	18	120	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39149
	18	120	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39150
	18	120	240	40 kg	200 kg	inkoair® mattress cover	Grade II	39151
	18	140	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39162
aks-HD 85 XXL	18	140	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39478
	22	90	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39158
	22	100	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39168
	22	100	220	40 kg	300 kg	inkoair® mattress cover	Grade II	39171
	22	120	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39152
	22	120	220	40 kg	300 kg	inkoair® mattress cover	Grade II	39153
	22	140	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39167
	22	140	220	40 kg	300 kg	inkoair® mattress cover	Grade II	39154
Standard mattress for aks-SB L, aks-B4 L	12	80	200		130 kg	Jersey cover, light blue		39317
	12	90	180		130 kg	Jersey cover, light blue		39302
	12	90	190		130 kg	Jersey cover, light blue		39310
	12	100	200		130 kg	Jersey cover, light blue		39319
	12	100	220		130 kg	Jersey cover, light blue		39335
	12	120	200		130 kg	Jersey cover, light blue		39321
	12	120	220		130 kg	Jersey cover, light blue		39337
	12	140	200		130 kg	Jersey cover, light blue		39323
	12	140	220		130 kg	Jersey cover, light blue		39339
	15	90	200		200 kg	Jersey cover, light blue		39348
	15	100	200		200 kg	Jersey cover, light blue		39349
	15	100	220		200 kg	Jersey cover, light blue		39353
	15	120	200		200 kg	Jersey cover, light blue		39350
	15	120	220		200 kg	Jersey cover, light blue		39358
	15	120	240		200 kg	Jersey cover, light blue		39355
Standard mattress for aks-SB XL, aks-B4 XL	15	140	200		200 kg	Jersey cover, light blue		39351
	15	140	220		200 kg	Jersey cover, light blue		39352
	15	90	200		300 kg	Jersey cover, light blue		39360
	15	100	200		300 kg	Jersey cover, light blue		39361
	15	100	220		300 kg	Jersey cover, light blue		39365
	15	120	200		300 kg	Jersey cover, light blue		39362
	15	120	220		300 kg	Jersey cover, light blue		39366
	15	140	200		300 kg	Jersey cover, light blue		39363
	15	140	220		300 kg	Jersey cover, light blue		39367
	15	140	240		300 kg	Jersey cover, light blue		39303

aks protective covers for anti-decubitus mattresses made of foam

Alternatives for protection of positioning aids



inkoair®
mattress cover



As you can see on the previous pages, aks offers a comprehensive product range of anti-decubitus mattresses made of foam. Appropriate protective covers depending on the quality can also be found here.

The advantages of the aks protective covers:

aks inkocover stretch cover

- Simple but effective mattress protection for the lower price segment
- Outer surface made of 100% polyester
- Inner surface polyurethane-coated
- Washable up to 95 °C
- Breathable
- Waterproof
- Mite-proof

inkoair® mattress cover (see images)

- Suitable for all aks anti-decubitus mattresses made of foam
- Many sizes available
- Covered zip on two sides
- All-round protection of the complete mattress
- Washable up to 95 °C
- Impermeable to liquids
- High water vapour permeability
- Suitable for re-use
- Mattress protection for patients with incontinence
- Fire resistant after Bs7175, section 3 (Crib 5) and certified according to OEKO-TEX® standard 100 (product class 1)
- It is free of latex, bi-elastic



Solution variants for sitting

Many sizes, various covers for different weights and requirements



aks-maxisit
Page 86



aks-multisit
Page 86



aks-gelsit
Page 87



aks-variosit 8/10
Page 88



aks-variosit memo 8/10
Page 89



aks-therasit 8/10
Page 90



**PROPHY-
LAXIS**

aks maxisit

The basic care for patients at risk

This foam cube cushion is suitable for wheelchair users who are mobile enough to shift their seating position regularly. The cuboid structure and correct compression hardness of the cushion ensure that there is always good pressure distribution and low shear forces. Seat cushions including inkoair® seat cushion cover.

Patient weight 40-120 kg
Dimensions 42 x 42 x 9 cm
Decubitus prophylaxis



**PROPHY-
LAXIS**

aks multisit

For users with low body weight or mobility

Since these people need a seat with a lower compression hardness, this wheelchair cushion uses a combination of suitable foam cubes and a trough made of stable foam. The trough provides the necessary support for the person sitting in the chair. The thighs are guided by two depressions on the front side. Seat cushions including inkoair® seat cushion cover.

Patient weight 40-90 kg
Dimensions 42 x 42 x 10 cm
Decubitus prophylaxis



aks gelsit

Proven, sturdy, durable

Gel cushions are very popular with self-mobile wheel-chair users. They feature minimal thickness and thus only slightly increase the overall seat height. Seat cushions including inkoair® seat cushion cover.

UP TO
GRADE I
EPUAP

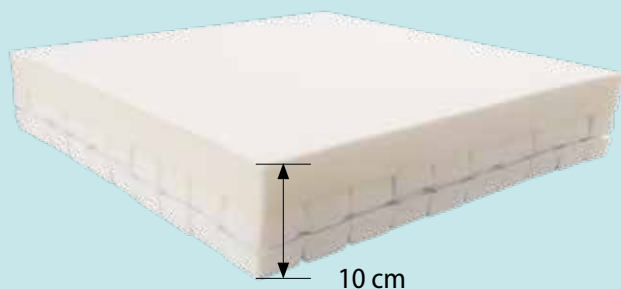
Patient weight 40-100 kg

Dimensions 40 x 40 x 2.5 cm / 42 x 45 x 2.5 cm

For decubitus prophylaxis and therapy support up to and including Grade I (acc. to EPUAP)



UP TO
GRADE IV
EPUAP



aks variosit 8/10

Two foam cube seat cushions for personalised use in wheelchairs

The advantages of the aks variosit 8 and aks variosit 10 seat cushions:

- 5 x 5 cm foam cubes allow for a wide range of available seat cushion sizes and thus the supply of individually tailored seat cushions
- Additional pressure relief can be provided by removing specific individual cubes from the underside to provide a virtually hollow structure under particularly sensitive buttock areas, e.g. in the vicinity of the ischium
- Sitting posture can be adjusted for patients with defective body positions, e.g. spinal distortion or scoliotic pelvis, by removing foam cubes
- The cubes at the edges are bonded to the upper foam layer to provide comfortable sitting support. The inserted mesh additionally adds support and makes removing cubes easier
- The two cushions differ in overall height (8 cm/10 cm) and in the choice of foam material combination
- Water-impermeable inkoair® seat cushion cover for protecting the cushion, e.g. in cases of incontinence

Option

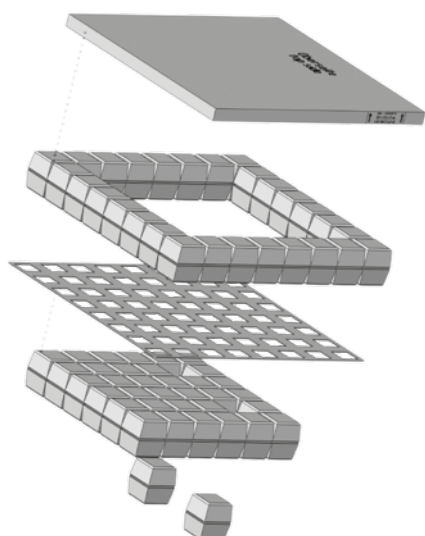
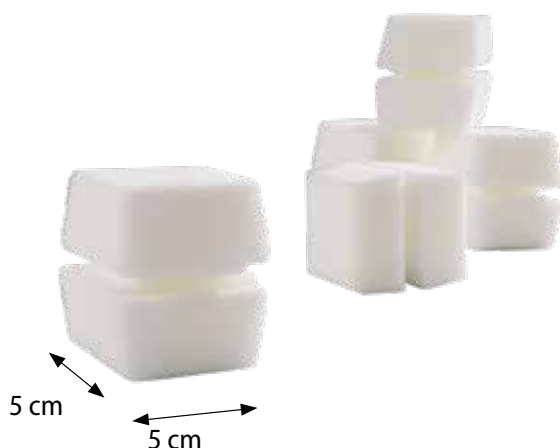
- 3D air seat cushion cover for improved air circulation

Patient weights

aks variosit 8, 20-80 kg

aks variosit 10, 70-130 kg

Decubitus prophylaxis and therapy support up to and including Grade IV (acc. to EPUAP)





**UP TO
GRADE IV
EPUAP**



inkoair® seat cushion cover



aks-variosit memo 8/10

Foam cube seat cushion with a visco foam seat surface for individual care

The tried and tested aks variosit 8/10 has been equipped with a visco foam seat surface (also known as memo foam). The aks variosit memo 8/10 offers all the benefits of aks-variosit 8/10.

The advantages of aks variosit memo 8/10

- 5 x 5 cm foam cubes enable a large number of seat cushion sizes to be deliverable and as such, individual care with the right seat cushion
- Additional pressure relief as a result of targeted cube removal on the underside (hollow support on the seat area which is particularly vulnerable) e.g. in the vicinity of the buttocks
- The outer cubes are connected with the upper viscous foam layer for supporting comfort in the seat. In addition, the grid that is inserted helps to stabilise and simplifies handling when removing the cube
- The two cushions differ in their overall height (8 cm/10 cm) and in the selection of foam combinations.
- Waterproof inkoair® seat cushion cover for the protection of the seat cushion e.g. in the case of incontinence.
- The seat cushion cover has a non-slip underside and allows for the easy removal of the seat cushion by means of a circumferential 3-sided zip.

Option

- aks 3D air seat cushion cover for improved air circulation, with a non-slip bottom and a circumferential 3-sided zip

Patient weights

aks variosit 8, 20-80 kg

aks variosit 10, 20-140 kg

For decubitus prophylaxis and therapy support up to stage IV (in accordance with EPUAP)

aks therasit 8/10

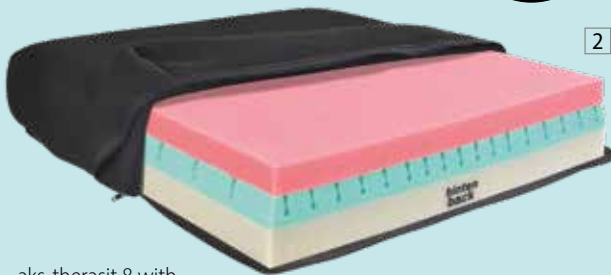
Innovative foam seat cushions with a three-layer structure



1

UP TO
GRADE IV
EPUAP

The three-layer foam seat cushions provide good pressure relief with a large selection of seat cushion dimensions. The seat cushions are suitable for decubitus prophylaxis as well as for therapy support up to and including Grade IV according to EPUAP.

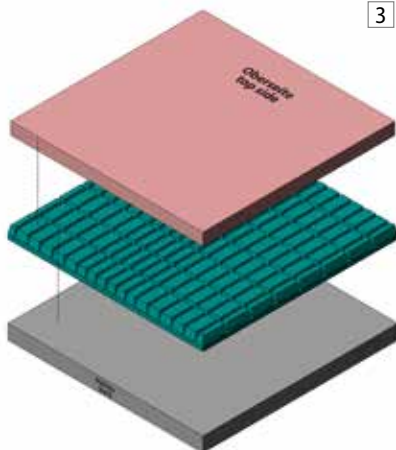


2

aks-therasit 8 with
aks-3D air seat cushion cover

The advantages of the aks therasit 8 and aks therasit 10 seat cushions:

- The innovative three-layered structure with complex recesses in the middle layer provides good pressure relief and shear force reduction. (Picture 3)
- The recesses also ensure optimum microclimate regulation in the seat cushion.
- The requisite stability for safe sitting in the wheelchair is provided by the firm lower foam layer.
- The two seat cushions are available in many different sizes and in two heights (8 cm/10 cm).
- A wide range of weights is also covered. People weighing between 20 and 80 kg can use the aks therasit 8 seat cushion. The aks therasit 10 seat cushion can be used for the entire weight range of between 20 and 140 kg.
- The water-impermeable inkoair® seat cushion cover offers optimum protection for the seat cushion, e.g. for persons with incontinence. (Picture 1)



3

Option

- aks 3D air seat cushion cover available for improving the air circulation. (Picture 2)

Patient weights

aks therasit 8, 20-80 kg

aks therasit 10, 20-140 kg

Decubitus prophylaxis and therapy support
up to and including grade IV (according to EPUAP)

Technical data for seat cushions

Product	Dimensions (W x D x H)	Seat cushion cover	Patient weight	Decubitusgrade acc. to EPUAP	Order No.
aks-maxisit	42 x 42 x 9,5 cm	inkoair®	40-120 kg	Prophylaxis	04050
aks-multisit	42 x 42 x 9,5 cm	inkoair®	40-90 kg	Prophylaxis	04350
aks-gelsit	40 x 40 x 2,5 cm	inkoair®	40-100 kg	Grade I	04150
aks-variosit 8	42 x 45 x 2,5 cm	inkoair®	20-80 kg	Grade IV	04151
	35 x 35 x 8 cm				40340
	35 x 40 x 8 cm				40341
	40 x 40 x 8 cm				40300
	40 x 45 x 8 cm				40301
	45 x 45 x 8 cm				40302
	50 x 40 x 8 cm				40303
aks-variosit 8	50 x 45 x 8 cm	aks-3D air	20-80 kg	Grade IV	40304
	35 x 35 x 8 cm				40360
	35 x 40 x 8 cm				40361
	40 x 40 x 8 cm				40320
	40 x 45 x 8 cm				40321
	45 x 45 x 8 cm				40322
	50 x 40 x 8 cm				40323
aks-variosit 10	50 x 45 x 8 cm	inkoair®	70-130 kg	Grade IV	40324
	35 x 35 x 10 cm				40314
	35 x 40 x 10 cm				40315
	40 x 40 x 10 cm				40311
	40 x 45 x 10 cm				40312
	45 x 45 x 10 cm				40313
	50 x 40 x 10 cm				40305
	50 x 45 x 10 cm				40306
	50 x 50 x 10 cm				40307
	55 x 40 x 10 cm				40308
aks-variosit 10	55 x 45 x 10 cm	aks-3D air	70-130 kg	Grade IV	40309
	55 x 50 x 10 cm				40310
	35 x 35 x 10 cm				40334
	35 x 40 x 10 cm				40335
	40 x 40 x 10 cm				40331
	40 x 45 x 10 cm				40332
	45 x 45 x 10 cm				40333
	50 x 40 x 10 cm				40325
	50 x 45 x 10 cm				40326
	50 x 50 x 10 cm				40327
	55 x 40 x 10 cm				40328
	55 x 45 x 10 cm				40329
	55 x 50 x 10 cm				40330

Product	Dimensions (W x D x H)	Seat cushion cover	Patient weight	Decubitusgrade acc. to EPUAP	Order No.
aks-variosit memo 8	35 x 35 x 8 cm	inkoair®	20-80 kg	Grade IV	40500
	35 x 40 x 8 cm				40501
	40 x 40 x 8 cm				40502
	40 x 45 x 8 cm				40503
	45 x 45 x 8 cm				40504
	50 x 40 x 8 cm				40505
	50 x 45 x 8 cm				40506
aks-variosit memo 8	35 x 35 x 8 cm	aks-3D air	20-80 kg	Grade IV	40520
	35 x 40 x 8 cm				40521
	40 x 40 x 8 cm				40522
	40 x 45 x 8 cm				40523
	45 x 45 x 8 cm				40524
	50 x 40 x 8 cm				40525
	50 x 45 x 8 cm				40526
aks-variosit memo 10	35 x 35 x 10 cm	inkoair®	20-140 kg	Grade IV	40507
	35 x 40 x 10 cm				40508
	40 x 40 x 10 cm				40509
	40 x 45 x 10 cm				40510
	45 x 45 x 10 cm				40511
	50 x 40 x 10 cm				40512
	50 x 45 x 10 cm				40513
	50 x 50 x 10 cm				40514
	55 x 40 x 10 cm				40515
	55 x 45 x 10 cm				40516
aks-variosit memo 10	55 x 50 x 10 cm	aks-3D air	20-140 kg	Grade IV	40517
	35 x 35 x 10 cm				40527
	35 x 40 x 10 cm				40528
	40 x 40 x 10 cm				40529
	40 x 45 x 10 cm				40530
	45 x 45 x 10 cm				40531
	50 x 40 x 10 cm				40532
	50 x 45 x 10 cm				40533
	50 x 50 x 10 cm				40534
	55 x 40 x 10 cm				40535
aks-variosit memo 10	55 x 45 x 10 cm				40536
	55 x 50 x 10 cm				40537
aks-therasit 8	35 x 35 x 8 cm	inkoair®	20-80 kg	Grade IV	40440
	35 x 40 x 8 cm				40441
	40 x 40 x 8 cm				40400
	40 x 45 x 8 cm				40401
	45 x 45 x 8 cm				40402
	50 x 40 x 8 cm				40403
	50 x 45 x 8 cm				40404
aks-therasit 8	35 x 35 x 8 cm	aks-3D air	20-80 kg	Grade IV	40460
	35 x 40 x 8 cm				40461
	40 x 40 x 8 cm				40420
	40 x 45 x 8 cm				40421
	45 x 45 x 8 cm				40422
	50 x 40 x 8 cm				40423
	50 x 45 x 8 cm				40424

Product	Dimensions (W x D x H)	Seat cushion cover	Patient weight	Decubitusgrade acc. to EPUAP	Order No.
aks-therasit 10	35 x 35 x 10 cm	inkoair®	20-140 kg	Grade IV	40414
	35 x 40 x 10 cm				40415
	40 x 40 x 10 cm				40411
	40 x 45 x 10 cm				40412
	45 x 45 x 10 cm				40413
	50 x 40 x 10 cm				40405
	50 x 45 x 10 cm				40406
	50 x 50 x 10 cm				40407
	55 x 40 x 10 cm				40408
	55 x 45 x 10 cm				40409
aks-therasit 10	55 x 50 x 10 cm				40410
	35 x 35 x 10 cm	aks-3D air	20-140 kg	Grade IV	40434
	35 x 40 x 10 cm				40435
	40 x 40 x 10 cm				40431
	40 x 45 x 10 cm				40432
	45 x 45 x 10 cm				40433
	50 x 40 x 10 cm				40425
	50 x 45 x 10 cm				40426
	50 x 50 x 10 cm				40427
	55 x 40 x 10 cm				40428
	55 x 45 x 10 cm				40429
	55 x 50 x 10 cm				40430

inkoair® seat cushion replacement covers			Dimensions (W x D x H)	Order No.
for maxisit, multisit			42 x 42 x 9/10 cm	40150
for aks-gelsit			40 x 40 x 2,5 cm	41160
for aks-gelsit			42 x 45 x 2,5 cm	41161

inkoair® seat cushion replacement covers for viscosit M, L, XL, variosit 8/10, therasit 8/10					
Dimensions (W x D x H)		Order No.	Dimensions (W x D x H)		Order No.
35 x 35 x	8 cm	49229	35 x 35 x	10 cm	49235
35 x 40 x	8 cm	49230	35 x 40 x	10 cm	49236
40 x 40 x	8 cm	49213	40 x 40 x	10 cm	49226
40 x 45 x	8 cm	49214	40 x 45 x	10 cm	49227
45 x 40 x	8 cm	49215	45 x 45 x	10 cm	49228
45 x 45 x	8 cm	49216	50 x 40 x	10 cm	49220
50 x 40 x	8 cm	49217	50 x 45 x	10 cm	49221
50 x 45 x	8 cm	49218	50 x 50 x	10 cm	49222
			55 x 40 x	10 cm	49223
			55 x 45 x	10 cm	49224
			55 x 50 x	10 cm	49225

3D air seat cushion replacement covers for viscosit M, L, XL, variosit 8/10, therasit 8/10					
Dimensions (W x D x H)		Order No.	Dimensions (W x D x H)		Order No.
35 x 35 x	8 cm	49231	35 x 35 x	10 cm	49233
35 x 40 x	8 cm	49232	35 x 40 x	10 cm	49234
40 x 40 x	8 cm	49200	40 x 40 x	10 cm	49250
40 x 45 x	8 cm	49201	40 x 45 x	10 cm	49251
45 x 40 x	8 cm	49202	45 x 45 x	10 cm	49252
45 x 45 x	8 cm	49203	50 x 40 x	10 cm	49207
50 x 40 x	8 cm	49204	50 x 45 x	10 cm	49208
50 x 45 x	8 cm	49205	50 x 50 x	10 cm	49209
			55 x 40 x	10 cm	49210
			55 x 45 x	10 cm	49211
			55 x 50 x	10 cm	49212

aks-care beds



Simple knee bend
(aks-L4, aks-D4)



Foot end
lowering



Knee bend with
foot elevation



Low
entry bed

aks bed concepts for everyday care at home and inpatient care



aks-L4
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aks-L5
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aks-D4 90/100
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aks-D4 low entry
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aks-SB L
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aks-SB XL
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aks-B4 compact
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aks-B4 L
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aks-B4 XL
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aks-B4 XXL
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aks L4

The variable lightweight bed



Advantages of the aks L4:

- High variability due to four-section lying area (metal mesh or wood sprung slats)
- Back part and thigh part are electrically adjustable
- Stable standing due to 4 castors with individual wheel locking
- Easy handling: simple assembly and dismantling by one person, head and foot parts are particularly light but nonetheless stable
- Hand control with large buttons, integrated lock function and check of the first failure safety is possible
- Easy transport and storage using the transport and storage aid
- Including uplifter and grab handle
- 3-year warranty on electrical components
- Patient weight up to 150 kg and a safe working load of up to 185 kg

Options and accessories

- Side bar extension, e.g. for use with high cell mattresses over 15 or 17 cm, depending on the type of lying area
- Side bar padding
- Bed and mattress extension for accommodation of larger patients
- Infusion holder
- Foot-end lowering (FEL)
- Unpackaged delivery on transport aid

aks L5

aks lightweight bed with maximum convenience



Scan to see how the knee bend works.

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Advantages of the aks L5:

- Maximum variability due to four-section lying area
- Metal mesh or wood sprung slats
- Maximum functionality: Height, head and foot parts electrically adjustable; the latter with knee bend is electrically adjustable from the bed by hand control without nursing assistance
- Side bars with torsion protection integrated on both sides; can also be attached separately after assembly
- Easy assembly and dismantling by one person; head and foot parts are particularly light
- Hand control with large buttons, integrated lock function and check of the first failure safety is possible
- Transport and storage aid
- Including uplifter and grab handle
- 3-year warranty on electrical components
- Patient weight up to 150 kg and a safe working load of up to 185 kg

Options and accessories

- Side bar height extender, e.g. for use with high cell mattresses over 15 or 17 cm, depending on the type of lying area
- Side bar padding
- Bed and mattress extension of 20 cm for the accommodation of larger patients
- Infusion holder
- Foot-end lowering (FEL)
- Unpackaged delivery on transport aid

aks-D4 90

The lighter standard care bed from aks



Lowering of the side rails

The aks-D4 90 is a robust care bed with a reduced weight. Compared to the aks-L bed, it is approx 8 kg lighter.

aks-D4 90

- Lying surface 90 x 200 cm optionally available with metal grid or wooden slats
- Easy assembly and disassembly by one person
- Lowering of the side rails via tilting mechanism
- Individually lockable castors
- Powder-coated steel frame
- Wooden elements in beech decor
- Side rails for anti-decubitus mattresses from 15 to 17 cm high
- 3-year guarantee on electrical components
- Reach pole with triangle grip included
- Max. patient weight 150 kg, safe working load 185 kg

Equipment/Features

- Lower leg elevation (knee bend) possible at various angles, adjustable via hand control
- Foot down positing (FTL)
- Side rail extension, e.g. for the use of big cell mattresses with a mattress height of over 15 or 17 cm
- Bed extension 20 cm for taller patients
- Padding for side rails
- Infusion holder
- Standing aid

aks-D4 100

The new standard care bed
from aks in 100 cm width



aks-D4 100

- Lying surface 100 x 200 cm optionally available with metal grid or wooden slats
- Easy assembly and disassembly by one person
- Lowering of the side rails via tilting mechanism
- Individually lockable castors
- Powder-coated steel frame
- Wooden elements in beech decor
- Side rails for anti-decubitus mattresses from 15 to 17 cm high
- 3-year guarantee on electrical components
- Reach pole with triangle grip included
- Max. patient weight 150 kg, safe working load 185 kg

Equipment/Features

- Lower leg elevation (knee bend) possible at various angles, adjustable via hand control
- Foot down positing (FTL)
- Side rail extension, e.g. for the use of big cell mattresses with a mattress height of over 15 or 17 cm
- Bed extension 20 cm for taller patients
- Padding for side rails
- Infusion holder
- Standing aid

Available soon.

aks D4 low entry

The low entry bed for
the prevention of falls



More and more people need safety and protection from falling out of bed due to the progression of their illness, such as dementia or Alzheimer's disease. The low entry height of only 22 cm contributes significantly to fall prevention, without having to subject the patient to measures that restrict his or her freedom. Likewise, the low entry bed offers smaller people independent mobility on a daily basis.

The advantages of the aks D4 low entry:

- Low positioning of persons, with an entry/exit height from as low as 22 cm
- The low height provides the patient with safety and a sense of well-being
- Suitable for patients who are afraid of falling out of the care bed (fall prevention)
- As an aid to mobility for small persons
- Maximum variability due to a four-section lying area made of metal mesh or wood sprung slats
- Maximum functionality: Height, head and foot parts electrically adjustable; the latter with knee bend is electrically adjustable from the bed by hand control without nursing assistance
- Twist-proof side railings integrated on both sides, easy assembly and dismantling by one person, particularly light head and foot sections
- Hand control with integrated lock function
- Transport and storage aid for unpackaged delivery
- Including uplifter and grab handle

- 3-year warranty on electrical components
- Castors with individual wheel locking
- Max. patient weight 150 kg, safe working load of 185 kg

Options and accessories

- Side bar height extender, e.g. for use with high cell mattresses over 14 cm or 16 cm, depending on the type of lying area
- Side bar padding
- Bed and mattress extension of 20 cm for the accommodation of larger patients
- Infusion holder
- Foot-end lowering (FEL)
- Unpackaged delivery on transport aid



Scan to see how the knee bend works.



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aks S4

The comfortable care bed
for home care



Advantages of the aks S4:

- High functionality: individual positioning, four-section lying area with electrically adjustable height, head and foot support; foot part with knee bend is electrically adjustable from the bed by hand control without nursing assistance
- Protection against falling out from stable side bars integrated on both sides
- Stable standing of the compact scissor bed with four lockable castors
- Lying area optionally with wood sprung slats or metal mesh
- Hand control with large buttons, lock function and check of the first failure safety is possible
- Including uplifter and grab handle
- 3-year warranty on electrical components
- Up to a patient weight of 135 kg and a safe working load of 170 kg

Options and accessories

- Side bar height extender, e.g. for use with large-cell mattresses
- Bed extension for accommodation of larger patients
- Side bar padding
- Infusion holder

aks SB L, SB XL, SB XXL

The right bed for every stature



aks-SB L

aks developed the bed series SB L to XXL for heavy and large patients. The SB L type is intended for persons up to 150 kg body weight who cannot be supplied with standard beds due to their anatomy.

The SB XL can be used for patients up to a body weight of 200 kg and has higher mirror panels and three side rails. SB XXL rounds off the bariatric range. With the particularly stable double scissor, the heavy duty bed easily accomplishes handling a patient weight up to 300 kg.



aks-SB XL

Advantages of the care beds from SB L to SB XXL:

- Increased lying comfort due to four-section lying areas, electrically adjustable height and head part
- Maximum functionality and safety: Foot part with knee bend is electrically adjustable from the bed by hand control without nursing assistance
- Protection against falling out: wood side rails integrated on both sides, SB XL and XXL with three rails and particularly high head and foot parts
- Stable construction with powerful single scissor (aks SB L and XL) and 125 mm castor diameter
- High stability for the problem of the care of heavy patients due to in-house developed double scissor with 8 castors, 100 mm diameter for aks SB XXL
- Many different versions in size and max. patient weight
- Mains power cut-off: This safety system electrically disconnects all poles of the bed from the mains power supply when the hand control is not in use
- Hand control with large buttons, lock function
- Including uplifter, from 120 cm lying area width: Square-tube version, and grab handle
- Special colour RAL 7035 – light grey

Options and accessories

- Hightened side rail
- Standing aid

See table on p. 121



aks-SB XXL



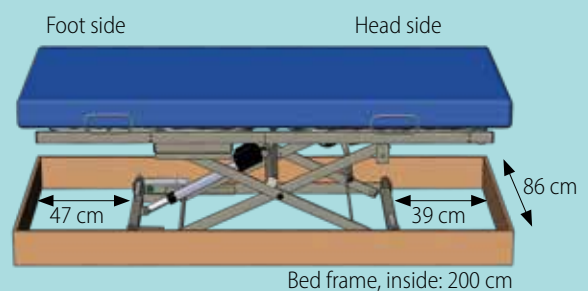
Scan to see how the knee bend works.



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aks B4 compact

Innovative lifting care bed
frame with solid arguments



Arrangement for the scissor lift lower frame

The lifting care bed frame has been developed for use in the existing bed frame at home. The practical alternative to a conventional care bed. The home environment is maintained, comfort increases and daily care is made noticeably easier.

Advantages of the aks B4 compact lifting care bed frame:

- Can be easily integrated in the existing bed at home
- Maximum variability thanks to the four-part lying surface and the ability to elevate the lower leg at different angles, adjustable using the hand control
- Low entry height of between roughly 30 and 80 cm and large height adjustment range for optimum adjustment to the working height to prevent back strain for the caregiver
- Stable metal frame with sprung slats
- Easy assembly and transport: Lower frame can be removed without tools; lying area can be dismantled into two parts
- Flexibility for the uplifter attachment due to two mountings
- Size 90/100 x 190/200 cm can be adjusted via mattress holder and extension set (optional)
- Hand control with large buttons, lock function and check of the first failure safety is possible
- 3-year warranty on electrical components
- Up to a patient weight of 150 kg and a safe working load of 185 kg

Options and accessories

- Lying area width extension to 100 cm
- Hightened or simple side rails
- Easy assembly by one person using the assembly tool
- Uplifter with grab handle and strap
- Infusion holder
- Elevation set 14 cm for improved hoist space
- Plug-in feet for increased stability
- Unpackaged delivery on transport aid



Scan to see how the knee bend works.



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aks B4 L, B4 XL, B4 XXL

The functional strength for the available bed at home



aks-B4 L



aks-B4 XL



aks-B4 XXL

In the usual environment – at home, in your bed – the benefits of a care bed can also be used for heavyweight persons without great expense. The lifting care bed frame is installed in the existing bed and is immediately functional, with all the advantages of a care bed.

The advantages of the lifting care bed frame:

- Increased lying comfort due to four-section lying areas, electrically adjustable height and head part
- Maximum functionality: foot part with knee bend of the lifting care bed frame is electrically adjustable by hand control without nursing assistance – patient-protected!
- Stable construction with powerful single scissor (aks B4 L and B4 XL) and metal lying area
- High stability for the problem of care of heavy patients due to robust metal lying area and our in-house developed double scissor (aks B4 XXL)
- Simply install in the existing bed at home or in the nursing home
- Mains power cut-off: This safety system electrically disconnects all poles of the lifting care bed frame from the mains power supply when the hand control is not in use.
- Hand control with large buttons, lock function and check of the first failure safety is possible
- Special colour RAL 7035 – light grey

Options and accessories

- Strengthened uplifter made of square tube from 120 cm lying area width, with grab handle
- Side rail and heightened side rail with special holder

See table on p. 121



Scan to see how the knee bend works.



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Details & accessories Care beds



The foot part with knee bend, for raising the lower legs, is adjustable via the manual switch of the mechanical grid's electric drive and is integrated as standard for aks care beds, except for aks L4 and aks D4 90/100



Scan to see how the knee bend works.



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Side bar height extender for wood side rail with 90, 100 and 110 mm bars for aks L4/L5, aks S4, aks D4 low entry and aks D4 90/100



Lying area with wooden slats for aks L4/L5, aks S4, aks B4 compact, aks D4 low entry and aks D4 90/100



Mattress extension of 10 cm, seating and exit aid for alternating pressure mattresses



Bed extension 20 cm, Set consisting of 4 side rails and 1 lying area extension for aks L4/L5, aks S4 and aks D4 low entry and aks D4 90/100



Side bar padding for wood side rail on one side of the bed for aks L4/L5, aks S4/SB L, aks D4 low entry and aks D4 90/100



aks infusion holder optional for aks uplifter consisting of a round tube, as for aks L4/L5, aks B4 compact, aks S4 and aks D4 low entry and aks D4 90/100



RG 35 standard mattress with cotton cover 90 x 200 x 12 cm



aks standing aid, pebble grey for aks-L4/L5, -S4 and -D4 low entry
aks standing aid, light grey for aks-SB L-XXL



Side rail with special holder in pebble grey aks B4 compact and light grey aks B4, XL, XXL



Side rail height extender in pebble grey aks B4 compact and light grey aks B4, XL, XXL



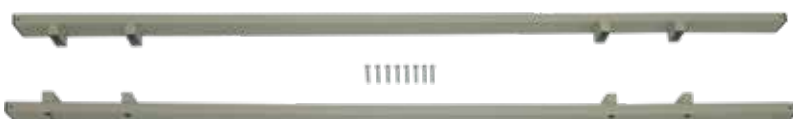
aks B4 compact Elevation set 14 cm for better placement underneath with a mobile patient hoist



Plug-in feet set to increase stability for aks B4 compact. To be used if the bed frame cannot be attached to the bed frame or if it is too light.



Assembly tool for aks B4 compact



Lying area width extension set for widening to 100 cm for aks B4 compact



Hand control with large buttons, lock function and check of the first failure safety is possible

Hand control for aks L4, aks L5, aks B4 compact, aks S4 and aks D4 low entry and aks D4 90/100

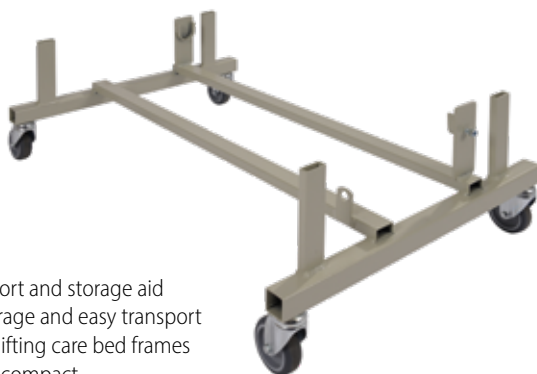
Hand control (as shown in right-hand image) for FEL aks L4/-L5 and aks D4 low entry with FEL



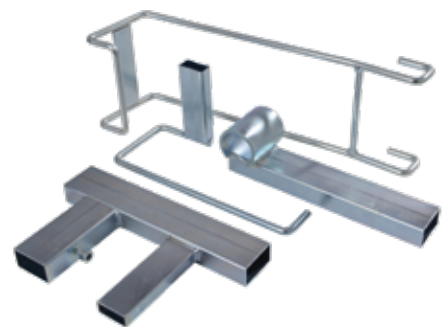
Transport aid for aks L4/L5



Transport aid for aks-B4 compact



Transport and storage aid for storage and easy transport of aks lifting care bed frames aks B4 compact



Transport and storage aid for storage and easy transport of aks homocare beds aks L4/L5 aks D4 low entry aks-D4 90/100

Technical Data Care beds

Care beds and lifting care bed frames

	aks-L4/aks-L5	aks-D4 90/ aks-D4 100	aks-D4 low entry	aks-S4	aks-B4 compact
Lying area (W x L in cm)	90 x 200	90 x 200/ 100 x 200	90 x 200	90 x 200	85 x 186 for mattress sizes 90/100 x 190/200
Dimensions in cm	105 x 219	104 x 215/ 114 x 215	109 x 215	108 x 206	85 x 186
Height adjustment in cm, without mattress	40 to 80	40 to 80	22 to 62	40 to 90	approx. 30 to 80
safe working load	185 kg	185 kg	185 kg	170 kg	185 kg
max. patient weight	150 kg	150 kg	150 kg	135 kg	150 kg
Separate weights	≤ 20 kg	≤ 20 kg	< 20 kg	≤ 33,5 kg (scissor lift)	≤ 31 kg (scissor lift)
User part	Typ B	Typ B	Typ B	Typ B	Typ B
Protection type SMPS case	IP X6	IP X6	IP X6	IP X6	IP X6
Protection type motors	IP X4	IP X4	IP X4	IP X4	IP X4
manufactured acc. to	DIN EN 60601-2-52	DIN EN 60601-2-52	DIN EN 60601-2-52	DIN EN 60601-2-52	DIN EN 60601-2-52

Order numbers

	Order No. aks-L4	Order No. aks-L5
Standard care bed		
Wood sprung slats lying area, wood side bars, without FEL	*	*
Wood sprung slats lying area, wood side bars, with FEL	*	*
Metal mesh lying area, wood side bars, without FEL	*	*
Metal mesh lying area, wood side bars, with FEL	*	*
Bed extension 20 cm (set) with 4 side grille bars 110 mm and lying area extension		
with metal mesh	39244	39244
with wood sprung slats	39245	39245
1 pair of side bar height extenders for wooden side grille with 90, 100 and 110 mm high bars, suitable for aks L4, L5, S4, D4	39273	39273
Side bar padding, on one side	77551	77551
Transport and storage aid for aks-L4/L5	39483	39483
Infusion holder	39292	39292
aks standing aid, pebble grey for aks-L4/L5, aks S4 and aks D4 low entry	39898	39898

	Order No.. aks-D4 90
Standard care bed	
Wood sprung slats lying area, wood side bars, without FEL	*
Wood sprung slats lying area, wood side bars, with FEL	*
Metal mesh lying area, wood side bars, without FEL	*
Metal mesh lying area, wood side bars, with FEL	*
Standard care bed with knee bend	aks-D4 90
Wood sprung slats lying area, wood side bars, without FEL	*
Wood sprung slats lying area, wood side bars, with FEL	*
Metal mesh lying area, wood side bars, without FEL	*
Metal mesh lying area, wood side bars, with FEL	*
Options/accessories	
Uplifter with grab handle	77020
Infusion holder	39292
Side bar height extender; see aks L4/L5	39273
Side bar padding, on one side	77551
aks standing aid for aks D4	39897
Transport and storage aid for aks D4	39693

	Order No.
Low entry bed	aks-D4 low entry
Wooden slats lying area, wood side rails, without FEL	*
Wood sprung slats lying area, wood side bars, with FEL	*
Metal mesh lying area, wood side bars, without FEL	*
Metal mesh lying area, wood side bars, with FEL	*
Bed extension by 20 cm, incl. four side rails of 100 mm	
with metal mesh	39197
with wood sprung slats	39198
Side rail height extender; see aks L4/L5	39273
Side rail padding, on one side	77551
Transport and storage aid for aks-D4 low entry	39647
FEL retrofit kit	39470

	Order No.
Care bed for care facilities	aks-S4
Height & foot part electric, foot part with knee bend electrically adjustable, 4-section lying area with wooden slats	*
Height & foot part electric, foot part with knee bend electrically adjustable, 4-section lying area with metal mesh	*
Bed extension 20 cm (set) with 4 side rails 110 mm and lying area extension aks S4 from serial number 2900178	
with metal lying area	39275
with wooden slats	39291
Side rail height extender; see aks L4/L5	39273
Side rail padding, on one side	77551

	Order No.
Lifting care bed frames	aks-B4 compact
Height & foot part electric, foot part with knee bend electrically adjustable, 4-section lying area with wooden slats	*
Side rail with holder from serial number 2901307, height from lying area 356 mm	39239
Side rail height extender with holder from serial number 2901307	39278
Lying area widening set	39010
Elevation set 14 cm	79939
Assembly tool for aks B4 compact	39039
Plug-in feet set	39652
Transport and storage aid for aks-B4 compact	39277

	Order No.
Options/accessories	
Uplifter with grab handle	77020
Infusion holder for round tube	39292
Standard mattress RG 35 with cotton cover 90 x 200 x 12 cm (not shown)	77050
Mattress extension part 90 x 20 x 12 cm	77070
aks standing aid , pebble grey for aks-L4/L5, aks S4 and aks D4 low entry	39898
aks standing aid , light grey for aks-SB L-XXL	39899

The order numbers for the L-XXL care beds (aks-B4 L/XL/XXL and aks-SB L/XL/XXL) can be found on page 121.

XXL-Program



**Appropriate aids
for L-XXL and bariatric care**

XXL products



goliath®
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goliath® hoist sling
Page 113



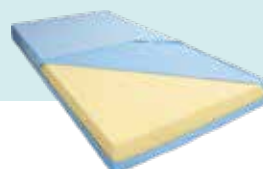
aks-efw 300 scale
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aks-samson
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aks-HD 85
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Standard mattress
Page 117



aks-SB L
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aks-SB XL
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aks-SB XXL
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aks-B4 L
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aks-B4 XL
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aks-B4 XXL
Page 119



goliath®

For easy solution of difficult tasks

aks designed the stable goliath® patient hoist for body weight up to 250 kg.

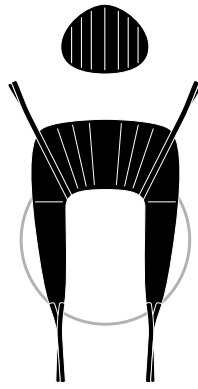
The advantages of the goliath®:

- Robust and safe construction with insertable stand mast and high-quality double castors
- Incl. comfort spreader bar with two opposing hooks for broader configured seating for particularly corpulent persons
- Electric spreading
- Mechanical emergency lowering, emergency stop button in the event of electrical faults, visual and acoustic warning against deep battery discharge at activation of the hand control
- High-quality drive components with removable battery pack, incl. charger
- Max. load capacity 250 kg

Accessories

- Special "high load capacity" slings in three sizes
- aks efw 300 hoist scales
- Battery pack with separate charging station on the wall

Technical data see page 28-29, 121



goliath® sling

The hoist sling for heavyweight persons

The goliath® slings belong to the flexible body support systems whose fabric materials ideally adapt to the body of the patient. The extremely tear-resistant polyester slings provide reinforcement. Shoulder loops can be adjusted in 5 ways and leg loops in 4 ways. The back area and the leg supports provide an additional special feature. They are padded with a so-called pressure-elastic 3D textile. Two fabric layers are kept at a predefined spacing by a layer of padding. This creates a micro-climate that has a thermo- and moisture-regulating effect. In principle, this high-quality belt is used with the goliath lifter in the basic care of obese people up to a maximum body weight of 250 kg.

Head support with Velcro fastening (optional)

Dimensions see page 54-55





goliath® comfort spreader bar

This spreader bar is designed for accommodating goliath® slings, sizes A to C.
goliath® comfort spreader bar incl. padding

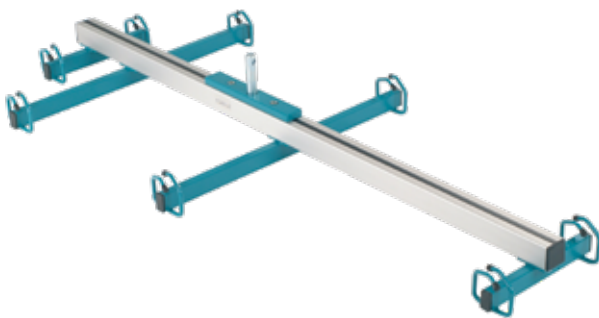
Maximum load: 250 kg



aks efw 300

The practical weighing device
for the everyday nursing routine
for heavy cases

aks efw 300 digital scales set incl. standard spreader bar for patients up to 250 kg in combination with goliath®. See p. 26 for product description



aks horizontal transport spreader bar

with 8-point attachment

designed as mounting for horizontal transport slings with 8-point attachment in combination with foldy® and clino®

Maximum load: 150 kg

for aks XL hoists maximum load: 185 kg

Available in two colors:
aqua blue and light grey



aks samson

High-cell anti-decubitus alternating pressure system for heavy patients up to 300 kg

UP TO
GRADE IV
EPUAP

aks samson provides correct care of adipose persons at risk of decubitus. The special design and the arrangement of the 20 double cells with a cell height of 25 cm ensure significant pressure relief and thus increased well-being for the heavyweight person in decubitus therapy. Care and static seat function complete the list of product benefits.

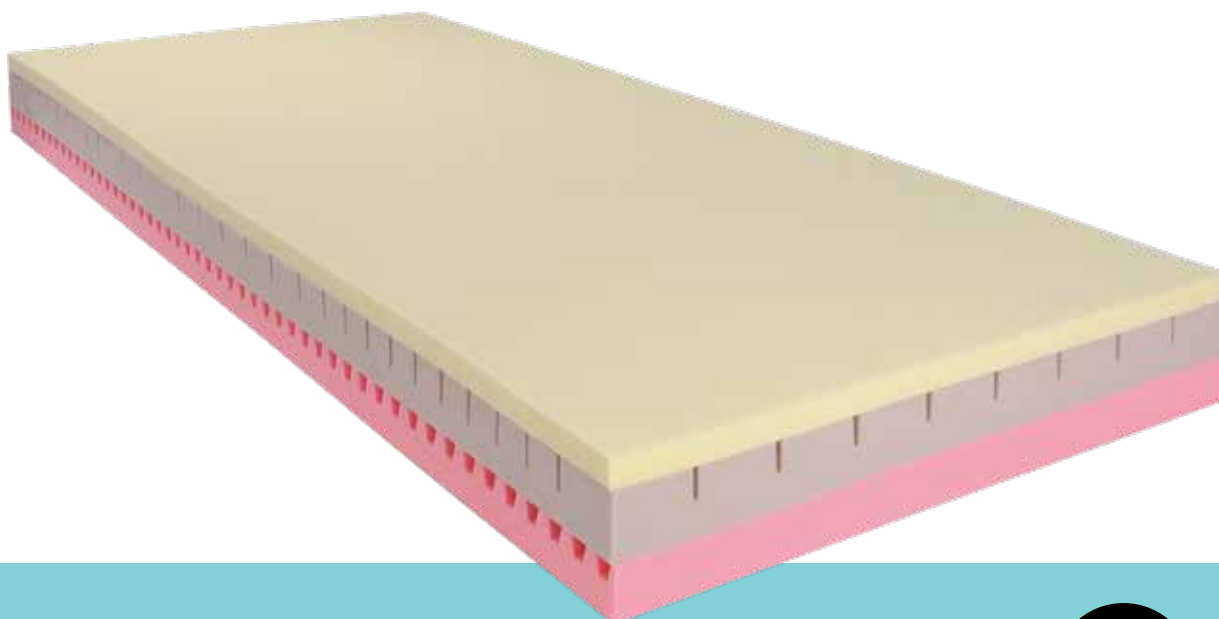
The advantages of the aks samson:

- Shift button from static to alternating pressure operation
- 8-stage pressure setting according to the patient weight
- Cycle time can be set to 10, 15, 20 or 25 minutes
- Visual and audible alarms in the event of pressure loss, power failure and system errors
- Reset button of the audible alarm for low pressure and system errors
- Time-limited maintenance function with automatic change to the previously set operating mode and pressure
- Button for activation/deactivation of the seat function
- Automatically activating button lockout
- Simple filter replacement
- 20 double cells made of nylon with TPU lamination, three static head cells, 17 cells with alternating pressure in the upper area, complete lower area static
- All cells can be replaced individually
- Cell height approx. 25 cm
- Mattress cover made of polyester fabric with PU coating, flame-retardant, tested according to BS7175 sec 3 crib 5, water-impermeable, fastened to the mattress with all-round zip
- CPR valve for fast mattress ventilation
- Strips on the mattress underside for fastening to the lying area
- Secure snap-in connection of the hoses on the pump unit
- All widths 90, 100, 120, 140 cm also in 200 and 220 cm lengths

Patient weight 30 to 300 kg

Decubitus prophylaxis and therapy support up to and including Grade IV (according to EPUAP)

See table on p. 121



**UP TO
GRADE II
EPUAP**

aks HD 85

Anti-decubitus and soft positioning mattresses made of foam for large & heavy patients

As a consistent supplement to the aks care beds for heavy and very heavy patients, these mattresses fulfil the particular requirements which arise from this application area. The foams used have been selected to be perfect for secure positioning.

The advantages of the aks HD 85:

- Selection and design have been adapted to the requirements of varyingly heavy patients
- Mattresses can be used without side bar height extender in the corresponding aks care beds (L, XL, XXL)
- With inkoair® mattress cover
- Three-layer structure for optimum pressure relief of the patient
- Top layer: high tech visco foam high density, low compression hardness
- Middle layer made of high-quality cold foam
- Bottom layer as base made of PU foam
- Many standard and special dimensions available

Patient weight

aks HD 85 L 40-150 kg

aks HD 85 XL 40-200 kg

aks HD 85 XXL 40-300 kg

Decubitus prophylaxis and therapy support up to and including Grade II (according to EPUAP)

See p. 120



Standard mattress

Foam mattress for L to XXL care beds

This standard mattresses is explicitly not suitable for decubitus prophylaxis and therapy. They are solely intended for normal use and round off the aks product range for bariatric care.

The advantages of the standard mattress:

- For everyday use
- Many different dimensions
- The mattress can be used without side bar height extender in the corresponding aks care beds (L-XXL)
- For persons with a body weight up to 130, 200 and max. 300 kg

See table on p. 120

aks SB L, SB XL, SB XXL

The right bed for every stature

aks developed the bed series SB L to XXL for heavy and large patients. The SB L type is intended for persons up to 150 kg body weight who cannot be supplied with standard beds due to their anatomy.

The SB XL can be used for patients up to a body weight of 200 kg and has higher mirror panels and three side rails. SB XXL rounds off the bariatric range. With the particularly stable double scissor, the heavy duty bed easily accomplishes handling a patient weight up to 300 kg.

Advantages of the care beds from SB L to SB XXL:

- Increased lying comfort due to four-section lying areas, electrically adjustable height and head part
- Maximum functionality and safety: Foot part with knee bend is electrically adjustable from the bed by hand control without nursing assistance
- Protection against falling out: wood side rails integrated on both sides, SB XL and XXL with three rails and particularly high head and foot parts
- Stable construction with powerful single scissor (aks SB L and XL) and 125 mm castor diameter
- High stability for the problem of the care of heavy patients due to in-house developed double scissor with 8 castors, 100 mm diameter for aks SB XXL
- Many different versions in size and max. patient weight
- Mains power cut-off: This safety system electrically disconnects all poles of the bed from the mains power supply when the hand control is not in use
- Hand control with large buttons, lock function
- Including uplifter, from 120 cm lying area width: Square-tube version, and grab handle
- Special colour RAL 7035 – light grey

Options and accessories

- Hightened side rail
- Standing aid

See table on p. 121



aks-SB L



aks-SB XL



aks-SB XXL



Scan to see how the knee bend works.



@aks_GmbH

aks B4 L, B4 XL, B4 XXL

The functional strength for the available bed at home

In the usual environment – at home, in your own bed – the benefits of a care bed can also be used for heavy-weight persons without great expense. The lifting care bed frame is installed in the existing bed and is immediately functional, with all the advantages of a care bed.

The advantages of the lifting care bed frame:

- Increased lying comfort due to four-section lying areas, electrically adjustable height and head part
- Maximum functionality: foot part with knee bend of the lifting care bed frame is electrically adjustable by hand control without nursing assistance – patent-protected!
- Stable construction with powerful single scissor (aks B4 L and B4 XL) and metal lying area
- High stability for the problem of care of heavy patients due to robust metal lying area and our in-house developed double scissor (aks B4 XXL)
- Simply install in the existing bed at home or in the nursing home
- Mains power cut-off: This safety system electrically disconnects all poles of the lifting care bed frame from the mains power supply when the hand control is not in use.
- Hand control with large buttons, lock function and check of the first failure safety is possible
- Special colour RAL 7035 – light grey

Options and accessories

- Strengthened uplifter made of square tube from 120 cm lying area width, with grab handle
- Side rail and hightened side rail with special holder

See table on p. 121



aks-B4 L



aks-B4 XL



aks-B4 XXL



Scan to see how the knee bend works.

 @aks_GmbH

Technical Data L-XXL foam mattresses

Product	Size in cm			Min. Patient Weight	Max. Patient Weight	Cover	Decubitusgrade acc. to EPUAP	Order-number
	H	B	L					
Foam								
aks-HD 85 L	14	80	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39169
	14	80	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39159
	14	80	220	40 kg	150 kg	inkoair® mattress cover	Grade II	49043
	14	90	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39140
	14	90	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39141
	14	90	220	40 kg	150 kg	inkoair® mattress cover	Grade II	39157
	14	100	180	40 kg	150 kg	inkoair® mattress cover	Grade II	39173
	14	100	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39170
	14	100	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39142
	14	100	220	40 kg	150 kg	inkoair® mattress cover	Grade II	39143
	14	120	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39144
	14	120	220	40 kg	150 kg	inkoair® mattress cover	Grade II	39145
	14	140	190	40 kg	150 kg	inkoair® mattress cover	Grade II	39177
	14	140	200	40 kg	150 kg	inkoair® mattress cover	Grade II	39146
aks-HD 85 XL	18	80	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39172
	18	90	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39156
	18	90	190	40 kg	200 kg	inkoair® mattress cover	Grade II	39620
	18	90	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39164
	18	100	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39147
	18	100	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39148
	18	120	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39149
	18	120	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39150
	18	120	240	40 kg	200 kg	inkoair® mattress cover	Grade II	39151
	18	140	200	40 kg	200 kg	inkoair® mattress cover	Grade II	39162
	18	140	220	40 kg	200 kg	inkoair® mattress cover	Grade II	39478
aks-HD 85 XXL	22	90	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39158
	22	100	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39168
	22	100	220	40 kg	300 kg	inkoair® mattress cover	Grade II	39171
	22	120	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39152
	22	120	220	40 kg	300 kg	inkoair® mattress cover	Grade II	39153
	22	140	200	40 kg	300 kg	inkoair® mattress cover	Grade II	39167
	22	140	220	40 kg	300 kg	inkoair® mattress cover	Grade II	39154
	22	140	240	40 kg	300 kg	inkoair® mattress cover	Grade II	39155
Standard mattress for aks-SB L	12	80	200		130 kg	Jersey cover, light blue		39317
	12	90	180		130 kg	Jersey cover, light blue		39302
aks-B4 L	12	90	190		130 kg	Jersey cover, light blue		39310
	12	100	200		130 kg	Jersey cover, light blue		39319
	12	100	220		130 kg	Jersey cover, light blue		39335
	12	120	200		130 kg	Jersey cover, light blue		39321
	12	120	220		130 kg	Jersey cover, light blue		39337
	12	140	200		130 kg	Jersey cover, light blue		39323
	12	140	220		130 kg	Jersey cover, light blue		39339
Standard mattress for aks-SB XL,	15	90	200		200 kg	Jersey cover, light blue		39348
	15	100	200		200 kg	Jersey cover, light blue		39349
aks-B4 XL	15	100	220		200 kg	Jersey cover, light blue		39353
	15	120	200		200 kg	Jersey cover, light blue		39350
	15	120	220		200 kg	Jersey cover, light blue		39358
	15	120	240		200 kg	Jersey cover, light blue		39355
	15	140	200		200 kg	Jersey cover, light blue		39351
	15	140	220		200 kg	Jersey cover, light blue		39352
Standard mattress for aks-SB XXL,	15	90	200		300 kg	Jersey cover, light blue		39360
	15	100	200		300 kg	Jersey cover, light blue		39361
aks-B4 XXL	15	100	220		300 kg	Jersey cover, light blue		39365
	15	120	200		300 kg	Jersey cover, light blue		39362
	15	120	220		300 kg	Jersey cover, light blue		39366
	15	140	200		300 kg	Jersey cover, light blue		39363
	15	140	220		300 kg	Jersey cover, light blue		39367
	15	140	240		300 kg	Jersey cover, light blue		39303

Technical Data XXL products

Product	Size in cm			Min. Patient weight	Max. patient weight	Cover	Decubitusgrade acc. to EPUAP	Order number
	H	B	L					
Alternating pressure								
aks-samson	25	90	200	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27600
	25	100	200	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27605
	25	120	200	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27610
	25	140	200	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27620
	25	90	220	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27601
	25	100	220	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27606
	25	120	220	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27611
	25	140	220	30 kg	300 kg	Polyester cover, PU coating	Grade IV	27621

Patient hoists

goliath®	
Total weight (without spreader bar and sling)	48 kg
Maximum load	250 kg
Lift speed at full load (time for one lift process)	78 s
Power, lift and lowering processes at full battery capacity	25
Input voltage/ Protection class/ Type of protection	24V DC/II/IP X4
Basic dimensions in accordance with DIN EN 10535	
Maximum range for 600 mm reference height	660 mm
Maximum range from the chassis	670 mm
Range from the chassis when spreading the leg supports to 700 mm	105 mm
Castor diameter, rear/ front	100 mm
Overall height	1310 mm
Turning diameter	1525 mm
Chassis length	1285 mm
Max. attachment height/min.	1970 mm/585 mm
Lifting range	1385 mm
Min. outer width/max.	745 mm/1065 mm
Inner width at maximum range of the attachment point/ Min. inner width	980 mm/595 mm
Height of the chassis	130 mm
Clearance of the chassis	50 mm
Grab handle width	452 mm
Minimum distance from the wall to the attachment point at its greatest height (leg supports spread)	565 mm
Minimum distance from the wall to the attachment point at its lowest height (leg supports spread)	470 mm
Minimum distance from the wall to the attachment point at its greatest range (leg supports spread)	265 mm

Care beds and lifting care bed frames

aks-SB L to XXL and aks-B4 L to XXL

	SB L	SB XL	SB XXL	B4 L	B4 XL	B4 XXL
Max. patient weight	150 kg	200 kg	300 kg	150 kg	200 kg	300 kg
Safe Workload	190 kg	250 kg	370 kg	190 kg	250 kg	370 kg
Dimensions/Order No.						
80 x 190 cm				33766		
80 x 200 cm				33767		
90 x 190 cm	32622					
100 x 200 cm	32623	32721		33761	33725	
100 x 220 cm	32624	32722		33762	33726	
120 x 200 cm	32625	32723	32821	33763	33727	33745
120 x 220 cm	32626	32724	32822	33764	33728	33746
120 x 240 cm		32725			33729	
140 x 200 cm	32629			33765		
140 x 220 cm			32823			33747
140 x 240 cm			32824			33748
Height adjustment	SB from 40 to approx. 90 cm (without mattress) B4 from approx. 30 to 80 cm (without mattress)					

aks pura



Retail accessories for nursing beds

Sold via aks pura GmbH



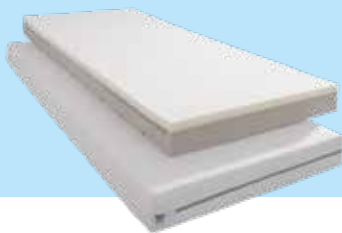
notto
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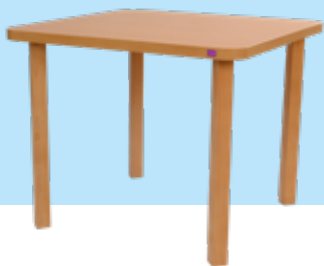
purzel
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purzel fold
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silverrelax/silverdorm
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insieme
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comodo
Page 129

notto

The useful bedside cabinet
at the care bed



A mobile bedside cabinet at the care bed provides the necessary support and assistance for care and daily life. It is used for placing or storing personal and nursing items. Always in reach of the bed, both patient and caregiver can easily and conveniently use the objects. The bedside cabinet completes the inventory of any care room.

Advantages of the notto:

- Stable, practical aid for depositing and storage
- With integrated pull-out bed table for comfortable consumption of meals, reading, games etc.
- With generous storage space
- Flexible handling and positioning
- Can be used from two sides, pull-out drawer on both sides, freely accessible middle compartment and door on both sides in the lower area, with removable shelves
- Mobile, with four castors and two lockable castors for secure positioning
- Easy to maintain, plastic-coated beech decor panel
- Rounded storage surface and pull-out bed table

Technical Data

External dimensions (W/H/D) ca. 60 x 87 x 49 cm
Pull-out bed table approx. 35 x 53 cm
Length with pull-out 114 cm
Weight 35.1 kg
Beech decor

purzel

The practical fall protection mat



Bedside mat to intercept falling out of the bed.
The wedge shape on both sides protects against rolling off the mat after any fall out of the bed.

Advantages of the purzel:

- Positioning in front of the bed
- High-quality PU foam
- Can be folded
- Can be stowed to save space
- inkoair® cover, impermeable to liquids, with non-slip underside
- inkoair® cover with zip; can be removed and washable at 60 °C
- Transport grips on the underside

Technical Data

Size (W/L/H) 100 x 190 x 5-15 cm

Weight approx. 10 kg

PU foam with Certi-PUR® certification,

Density 56 kg/m³

purzel fold

The foldable fall protection mat



Falls from the bed are cushioned by the mat, injuries can be avoided and the patient can move freely; the side rails only need to be used on one side of the bed.

purzel fold

- To be positioned next to the bed
- High quality PU foam
- Three-part, foldable, with velcro fastener
- Space-saving folding and storage
- inkoair® cover, impermeable to liquids
- Carrying handles on the side
- Grips on the side

Technical data

Size (W/L/H) 60 x 190 x 5 cm

Size folded (W/H/D) 60 x 63 x 15 cm

Weight: 1,5 kg

PU foam

Room weight 22 kg/m

Manor hardness 4.8 kPa



aks pura

silverrelax silverdorm

The better mattress for your bed



The silverrelax and silverdorm mattresses from pura-care offer optimum pressure relief for improved lying comfort thanks to their high-quality foam mattress bases.

The pliable viscoelastic lying surface of the silverdorm is well suited for people who like to lie soft and warm. The PU foam mattress base of the silverrelax is favoured by people who need a little support when turning and tend to prefer a firmer base.

The climate openings in the top layer favours the microclimate. The wedge-shaped incisions on the underside make it ideal for use in a fully adjustable care bed. It adapts to any lying surface position of the care bed.

The silver-ionised coating of the cover fabric has an antimicrobial effect. The number of harmful microbes on the mattress is reduced by 95%. Allergy sufferers in particular can relax at night and enjoy a restful sleep.

Two foam reclining surfaces with optimum pressure distribution available

silverrelax

- PU foam reclining surface
- Solid foam
- Ideal for sleepers who prefer it on the cool side
- Greater support for turning over

silverdorm

- Viscoelastic reclining surface
- Softer, more yielding foam
- Ideal for sleepers who prefer it on the warm side
- Sink in and fall asleep

Technical data

For user weights from 40-120 kg.

Available mattress sizes

- 90 x 190 x 14 cm
- 90 x 200 x 14 cm
- 100 x 200 x 14 cm

Special sizes available on request.

insieme

The practical table



The table offers plenty of space for 2 to 4 people to eat, read and play. The chair model comodo with or without armrests matches the table.

Advantages insieme

- Easy assembly
- Solid wood table legs
- High quality table top with rounded corners

Technical data

Outer dimension (W/H/D): approx. 90 x 75 x 90 cm

Height table top: 3,6 cm

Weight: 29 kg

Beech decor



comodo

The right chairs for the table



The chair model is available with and without armrests. Both variants can be well combined with each other and the table insieme.

Advantages comodo

- Sturdy wood
- Non-flammable varnish
- Seat made of High-Density Foam
- Cover made of imitation leather, wipeable, impermeable to liquids
- Flame-retardant upholstery

Technical data

Outer dimensions (W/H/D):
small, approx. 49 x 88 x 55 cm

Weight: 7 kg

Outer dimensions (W/H/D): large with armrests,
approx. 57 x 95 x 55 cm

Weight: 8 kg

Beech decor

Upholstery in gray-brown

max. load capacity: 130 kg



aks pura

Disinfection and
reconditioning of

Professional
hygiene and
service management
for medical products
by puratec

Alternating pressure systems
Foam mattresses
Covers
Seat cushions
Hoist slings

aks hygiene and transport box

Returnable container for safe transport of anti-decubitus systems

aks pura GmbH provides hygiene and transport boxes for shipping and storage in order to achieve a closed hygiene circuit for the reconditioning. Thus high-quality anti-decubitus systems can be re-used.

The advantages of the aks hygiene and transport box:

- Space saving (empty – can be nested; full – can be stacked)
- Clear storage:
green pre-printed forms = cleaned systems
red pre-printed forms = soiled systems
- Smooth, easy-to-clean interior walls
- No packaging material such as cartons, adhesive tapes etc.
- Can be sealed against dust, dirt and germs
- Additional security as can be sealed with lead seals or similar
- Hygienic transport, also in passenger car or small van without separated load area
- Attached brochure pocket for the pre-printed forms
- Cover connected to the box using hinge

Volume approx. 75 litres

External dimensions 71.5 x 46.5 x 35.5 cm (L x W x H)

Order via aks pura GmbH, Troisdorf



aks pura

aks pura GmbH
Biberweg 18
D-53842 Troisdorf
T +49 2241 9474-700
F +49 2241 9474-788
www.aks-pura.de

purawell

Feel-good systems for healthy
and restorative sleep

purafly



OEKO-TEX®
CONFIDENCE IN TEXTILES
STANDARD 100



puralux



aks pura

aks pura GmbH
Biberweg 18
D-53842 Troisdorf
T +49 2241 9474-700
F +49 2241 9474-788
www.aks-pura.de

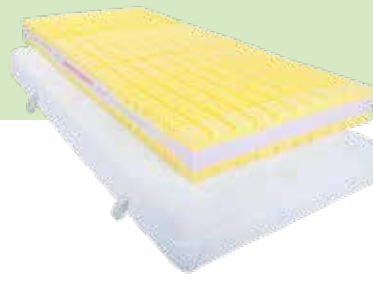
Mattresses and pillows by purawell

All mattresses and pillows inclusive cover.



puraflex

80 x 200 x 17 cm
90 x 190 x 17 cm
90 x 200 x 17 cm
90 x 220 x 17 cm
100 x 200 x 17 cm
100 x 220 x 17 cm
120 x 200 x 17 cm
120 x 220 x 17 cm
140 x 200 x 17 cm



puralux

80 x 200 x 17 cm
90 x 190 x 17 cm
90 x 200 x 17 cm
90 x 220 x 17 cm
100 x 200 x 17 cm
100 x 220 x 17 cm
120 x 200 x 17 cm
120 x 220 x 17 cm
140 x 200 x 17 cm



purasoft

80 x 200 x 17 cm
90 x 190 x 17 cm
90 x 200 x 17 cm
90 x 220 x 17 cm
100 x 200 x 17 cm
100 x 220 x 17 cm
120 x 200 x 17 cm
120 x 220 x 17 cm
140 x 200 x 17 cm



purafly

50 x 35 x 11/8 cm



puradorm

80 x 200 x 14 cm
90 x 190 x 14 cm
90 x 200 x 14 cm
90 x 220 x 14 cm
100 x 200 x 14 cm
100 x 220 x 14 cm
120 x 200 x 14 cm
120 x 220 x 14 cm
140 x 200 x 14 cm



puraneck

60 x 40 x 12 cm



puraside

60 x 40 x 14 cm



puradorm pro

80 x 200 x 17 cm
90 x 190 x 17 cm
90 x 200 x 17 cm
90 x 220 x 17 cm
100 x 200 x 17 cm
100 x 220 x 17 cm
120 x 200 x 17 cm
120 x 220 x 17 cm
140 x 200 x 17 cm

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