



aks bed concepts for the day-to-day nursing routine – for homecare and in-patient applications



Simple knee bend (aks L4)



Knee bend with foot elevation



Foot end lowering



Low entry bed

aks care beds

Standard care beds with switch mode power supply SMPS 29 V

Switch mode power supplies are state of the art for the power supply of drives on care beds.

SMPS are electronically controlled switching power supplies which are distinguished by many positive characteristics.

For example, the following can be mentioned here:

- The low weight
- The automatic overload protection
- The voltage stability
- The variable input voltage (e.g. 100-240 V)

The use of an SMPS means benefits for the user:

- Very low standby power consumption
- No transformer humming
- Temporary shutdown in the event of overheating
- SMPS also save resources, as less copper and other metals are needed for production
- Better energy efficiency, thus lower power consumption

For the health care professional, this means:

- Constant adjustment speed for the up-and-down movement of the care bed
- Lower electricity consumption due to intelligent power supply SMPS 29 V
- Green LED as operating state indicator
- Watertight SMPS housing = IPX 6



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)
- Patient weight up to 150 kg and a safe working load of up to 185 kg
- Back part and thigh part are electrically adjustable
- Stable standing due to 4 castors with individual wheel locking
- Patented side bars (with torsion protection) integrated on both sides – can also be attached separately after assembly
- Easy handling: light weight, 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
- SMPS 29 V: The switch mode power supply provides safety due to overload protection and voltage stability with variable input voltage
- Easy transport and storage using the transport and storage aid
- Including uplifter and grab handle
- 3-year warranty on electrical components

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

Order numbers

aks L4 with metal mesh lying area
Without FEL – 3544110
With FEL – 3544114

aks L4 with wood sprung slats lying area
Without FEL – 3544111
With FEL – 3544115

aks L5

aks lightweight bed with maximum convenience



This is how the knee bend works

Advantages of the aks L5:

- Maximum variability due to four-section lying area
- Metal mesh or wood sprung slats
- Patient weight up to 150 kg and a safe working load of up to 185 kg
- 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
- SMPS 29 V: The switch mode power supply provides safety due to overload protection and voltage stability with variable input voltage
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

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

Order numbers

aks L5 with metal mesh lying area
Without FEL – 3544140
With FEL – 3544144

aks L5 with wood sprung slats lying area
Without FEL – 3544141
With FEL – 3544145

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
- SMPS 29 V: The switch mode power supply provides safety due to overload protection and voltage stability with variable input voltage
- 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

Order numbers

- aks S4 with metal mesh lying area – 3524030
- aks S4 with wood sprung slats lying area – 3524019

aks D4 low entry

The low entry bed for the prevention of falls



Due to illnesses such as dementia or Alzheimer's, more and more people require protection and security from falling out of bed. 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
- Equipped with the features of an aks lightweight bed
- 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
- SMPS 29 V: the switch mode power supply provides maximum safety
- Hand control with integrated lock function

- Max. patient weight 150 kg, safe working load of 185 kg
- Transport and storage aid for unpackaged delivery
- Including uplifter and grab handle
- 3-year warranty on electrical components
- Castors with individual wheel locking

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

Order numbers

aks D4 low entry with metal mesh lying area
Without FEL – 3554102
With FEL – 3554100

aks D4 low entry with wood sprung slats lying area
Without FEL – 3554103
With FEL – 3554101

aks B4 compact

Innovative lifting care bed frame with solid arguments



Bed frame, inside: 200 cm

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
- Increased lying comfort due to four-section lying area with electrically adjustable height, head and foot support; foot part with knee bend is electrically adjustable by the patient by hand control without nursing assistance
- 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
- Stable standing with only 116 cm length and 81 cm width of the scissor lift lower frame, variable fastening with the bed conversion with two holes for screws resulting in tipping stability, manufactured according to EN 60601-2-52:2010
- 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

- Up to a patient weight of 150 kg and a safe working load of 185 kg
- 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
- SMPS 29 V: The switch mode power supply provides safety due to overload protection and voltage stability with variable input voltage
- Delivery on transport and storage aid
- 3-year warranty on electrical components

Options and accessories

- Lying area width extension to 100 cm
- Elevated or simple side bar
- 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

Order number

aks B4 compact – 3534112

notto

The useful bedside cabinet
at the care bed



aks pura

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

Order number

notto – 4010000

**notto is sold using the puracare brand of
aks pura GmbH, Germany.**

purzel

The practical fall protection mat



aks pura

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

Order number

purzel including cover – 4010020
inkoair® replacement cover – 4010021

purzel is sold using the puracare brand of
aks pura GmbH, Germany.

Details & accessories Care beds



This is how the aks knee bend works:
www.youtube.de



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.



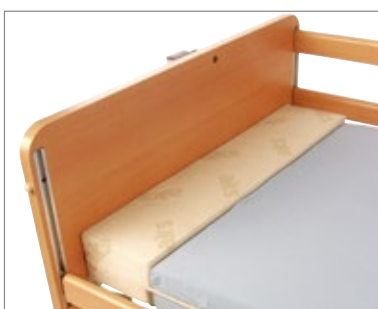
Side bar height extender for wood side bar with 90, 100 and 110 mm bars
Order number
 aks L4/L5, aks S4, aks D4 low entry – 39273



Lying area with wood sprung slats for aks L4/L5, aks S4, aks B4 compact, aks D4 low entry



Mattress extension of 10 cm, seating and exit aid for alternating pressure mattresses
Order number – 21003



Bed extension 20 cm,
 Set consisting of 4 side grille bars and 1 lying area extension for aks L4/L5, aks S4 and aks D4 low entry
Order numbers see price list
 (image shows mattress extension piece)



Side bar padding for wood side bar on one side of the bed
Order number
 aks L4/L5, aks S4, aks D4 low entry – 77551



FEL retrofit kit for aks L4/L5 from SN 2903619 and 29400000
Order number – 39476

FEL retrofit kit for aks D4 low entry
Order number – 39470



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
Order number
 aks infusion holder – 39292



Side grille with special holder
Order number pebble grey aks B4 compact – 39239
 light grey aks B4, XL, XXL – 39249



Side bar height extender
Order number pebble grey aks B4 compact – 39278
 light grey aks B4, XL, XXL – 39279



Elevation set 14 cm
 for better placement underneath with a mobile patient hoist
Order number
 aks B4 compact – 79939



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.
Order number – 39652



Assembly tool
Order number aks B4 compact and aks S4 – 39039



Lying area width extension set for widening to 100 cm
Order number aks B4 compact – 39010



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

Order number

Hand control for aks L4, aks L5, aks B4 compact, aks S4 and aks D4 low entry – 39407

Hand control (as shown in right-hand image) for FEL aks L4/-L5 and aks D4 low entry with FEL – 39470



Modern switch mode power supply SMPS 29 V for aks care beds, with automatic overload protection, voltage stability and variable input voltage

3-year warranty on electrical components

aks L4, aks L5, aks B4 compact, aks S4, D4 low entry

Our electrical components comply with the EU Directive 2011/65/EC (RoHS II) for the restriction of hazardous substances in electrical and electronic equipment.

Order number

SMPS power supply – 39400



Adapter for leakage current measurement, e.g. in your workshop and not locally at the care bed

Order number

Adapter for leakage current measurement – 39283



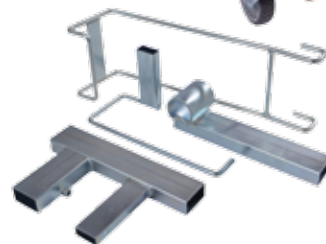
Transport and storage aid for storage and easy transport of aks lifting care bed frames

Order number

aks B4 compact – 39277



Images display transport aid for aks L4/L5



Transport and storage aid for storage and easy transport of aks homecare beds

Order number

aks L4/L5 – 39248, aks D4 low entry – 39647, (not shown)

Technical Data Care beds

Care beds and lifting care bed frames

	aks L4/aks L5	aks S4	aks D4 low entry	aks B4 compact
Lying area (W x L in cm)	90 x 200	90 x 200	90 x 200	85 x 186 for mattress sizes 90/100 x 190/200
Dimensions in cm	104.5 x 219	108 x 206	109 x 215	85 x 186
Height adjustment in cm, without mattress	40 to 80	40 to 90	22 to 62	approx. 30 to 80
safe working load	185 kg	170 kg	185 kg	185 kg
max. patient weight	150 kg	135 kg	150 kg	150 kg
Separate weights	≤ 20 kg	≤ 33.5 kg (scissor lift)	< 20 kg	≤ 31 kg (scissor lift)
Input voltage	variable (100-240 V)	variable (100-240 V)	variable (100-240 V)	variable (100-240 V)
Power consumption	90 W	90 W	90 W	90 W
Protection class	II	II	II	II
User part	Type B	Type B	Type B	Type B
Protection type SMPS case	IP X6	IP X6	IP X6	IP X6
Protection type motors	IP X4	IP X4	IP X4	IP X4
manufactured according to	DIN EN 60601- 2-52:2010	DIN EN 60601- 2-52:2010	DIN EN 60601- 2-52:2010	DIN EN 60601- 2-52:2010

Order numbers

	Order No.	Order No.
Standard care bed	aks L4	aks L5
Wood sprung slats lying area, wood side bars, without FEL	3544111	3544141
Wood sprung slats lying area, wood side bars, with FEL	3544115	3544145
Metal mesh lying area, wood side bars, without FEL	3544110	3544140
Metal mesh lying area, wood side bars, with FEL	3544114	3544144
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	39248	39248
FEL retrofit kit aks L4/L5	39476	39476
Care bed for care facilities	aks S4	
Height & foot part electric, foot part with knee bend electrically adjustable, 4-section lying area with wood sprung slats	3524019	
Height & foot part electric, foot part with knee bend electrically adjustable, 4-section lying area with metal mesh	3524030	
Bed extension 20 cm (set) with 4 side grille bars 110 mm and lying area extension aks S4 from serial number 2900178		
with metal lying area	39275	
with wood sprung slats	39291	
Side bar height extender; see aks L4/L5	39273	
Side bar padding, on one side	77551	
Low entry bed	aks D4 low entry	
Wood sprung slats lying area, wood side bars, without FEL	3554103	
Wood sprung slats lying area, wood side bars, with FEL	3554101	
Metal mesh lying area, wood side bars, without FEL	3554102	
Metal mesh lying area, wood side bars, with FEL	3554100	
Bed extension by 20 cm, incl. four side grille bars of 100 mm		
with metal mesh	39197	
with wood sprung slats	39198	
Side bar height extender; see aks L4/L5	39273	
Side bar padding, on one side	77551	
Transport and storage aid	39647	
FEL retrofit kit	39470	
Lifting care bed frames	aks B4 compact	
Height & foot part electric, foot part with knee bend electrically adjustable, 4-section lying area with wood sprung slats	3534112	
Side bar with holder from serial number 2901307, height from lying area 356 mm	39239	
Side bar 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	39277	
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	