



**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.



# foldy® micro

## The XS among the aks standard hoists



The foldy® micro has been designed to be even smaller, more manoeuvrable and more functional.

### 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
- Max. load capacity 130 kg
- Plug-in stand mast, easy to remove without tools (picture 2)
- Ideal travel companion, easy to stow
- Easy, uncomplicated handling
- Hand control with large buttons
- 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 (picture 1) and emergency stop button in the event of electrical faults
- Visual and acoustic warning against deep discharge of the rechargeable battery on activation of the hand control
- Independent of the mains power supply due to battery-powered operation



### Options and accessories

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

### Order numbers

foldy® micro – 80212

Standard spreader bar incl. padding – 89139

Tandem spreader bar incl. padding – 89190

# 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
- Max. load capacity 150 kg
- 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
- Greater safety due to mechanical emergency lowering (picture 2) and emergency stop button in the event of electrical faults (picture 3)
- Visual and acoustic warning against deep discharge of the rechargeable battery on activation of the hand control
- Independent of the mains power supply due to battery-powered operation
- Effortless take-up of persons directly from the floor



### 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)

### Order numbers

foldy® mini – 80111

foldy®e mini – 80131

Standard spreader bar incl. padding – 79720

Tandem spreader bar incl. padding – 79721

Horizontal spreader bar with 8-point attachment – 89023



# 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)
- Max. load capacity 150 kg
- 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
- Greater safety due to mechanical emergency lowering and emergency stop button in the event of electrical faults
- Visual and acoustic warning against deep discharge of the rechargeable battery on activation of the hand control

### 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)

### Order numbers

foldy® – 80011

foldy®e – 80031

Standard spreader bar incl. padding – 79720

Tandem spreader bar incl. padding – 79721

Horizontal spreader bar with 8-point attachment – 89023



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# 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. Furthermore, the XL version is equipped with the well-known foldy® features.



### The advantages of the foldy® XL:

- Increased motor power for reliable and fast lifting and lowering
- High-quality drive components from LINAK®
- Max. load capacity 185 kg
- 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
- Greater safety due to mechanical emergency lowering (image 2) and emergency stop button in the event of electrical faults
- Acoustic warning against deep discharge of the battery on activation of the hand control



### 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)

### Order numbers

foldy® XL – 80311

foldy®e XL – 80331

Standard spreader bar incl. padding – 89242

Tandem spreader bar incl. padding – 89243

Horizontal transport spreader bar with 8-point attachment – 89270



# 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
- Max. load capacity 150 kg
- 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
- Greater safety due to mechanical emergency lowering and emergency stop button in the event of electrical faults
- Visual and acoustic warning against deep discharge of the rechargeable battery on activation of the hand control

### Options and accessories

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

### Order numbers

clino® II – 83012

Standard spreader bar incl. padding – 89137

Tandem spreader bar incl. padding – 89138

Horizontal spreader bar with 8-point attachment – 89173

# 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 from LINAK®
- Max. load capacity 185 kg
- 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
- Greater safety due to mechanical emergency lowering (image 2) and emergency stop button in the event of electrical faults
- Acoustic warning against deep discharge of the battery on activation of the hand control

### 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)

### Order numbers

clino® XL – 83311

clino®e XL – 83331

Standard spreader bar incl. padding – 89253

Tandem spreader bar incl. padding – 89254

Horizontal spreader bar with 8-point attachment – 89269





# 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
- Max. load capacity 130 kg
- 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
- Can be easily folded and transported without tools
- Low ground clearance, also suitable for aks scissor beds
- Convenient handling with large buttons
- 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
- Greater safety thanks to mechanical emergency lowering, emergency stop button in the event of electric faults
- Functional wall bumpers for protection during manoeuvring

### Options and accessories

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

### Order numbers

foldo® with tub cover,  
without spreader bar, without sling – 81011  
Standard spreader bar incl. padding – 89139  
Tandem spreader bar incl. padding – 89190  
Telescopic tub cover – 75316  
Double telescopic tub cover – 89230  
Charger – 17219



# dualo® mini

## Strong – reliable – economical



The mobile standard and active mini 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 standaid, such as lifting, moving and uprighting persons.
- Lift up from floor possible
- Max. load capacity 150 kg
- Flexibility: easy conversion of the standard hoist to the active hoist (picture 1+2) 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 uprighting arm 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
- Mechanical emergency lowering, emergency stop button in the event of electric faults
- Visual and acoustic warning against deep discharge of the rechargeable battery on activation of the hand control
- Highly stable thanks to mechanical spread of the chassis per foot lever, two lockable castors

### Options and accessories

- Battery pack with separate charging station on the wall
- For dualo® mini active: aks standaid 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

### Order numbers

- dualo® mini active (without sling) – 87114
- dualo® mini standard (without spreader bar and sling) – 87110

# 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 standaid in combination with aks hoist slings at home, in hospitals, nursing homes and residential homes.

Picture shows:  
dualo® active  
with optional  
calf strap



### 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 (picture 1, 5), lift up from the floor, support for toileting
- Max. load capacity 150 kg
- Flexibility: easy conversion of the standard hoist to the active hoist and vice versa (picture 3, 4), 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.
- Greater convenience and support for patients thanks to additional handles (picture 2)
- 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

### Options and accessories

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

### Order numbers

dualo® active (without sling) – 87013

dualo® standard (without spreader bar and sling) – 87010

# torneo® II

## The active hoist with optimised kinematics

The torneo® II mobile active hoist is mainly used for frail people with poor mobility. The standard 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
- Max. load capacity of up to 150 kg
- Compact dimensions, can also be used for smaller individuals
- Use in small rooms and with narrow doors
- Extremely manoeuvrable in the smallest areas
- Ergonomic active hoist with low total weight for user-friendly operation
- Emergency stop button in the event of electrical faults, visual and acoustic warning of deep battery discharge on activation of the hand control
- Highly stable thanks to mechanical spreading of the chassis per foot lever and stable design
- Integrated calf strap for more security

### 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

### Order number

torneo® II – 82112



This is how the torneo® II works:  
[www.youtube.de](http://www.youtube.de)



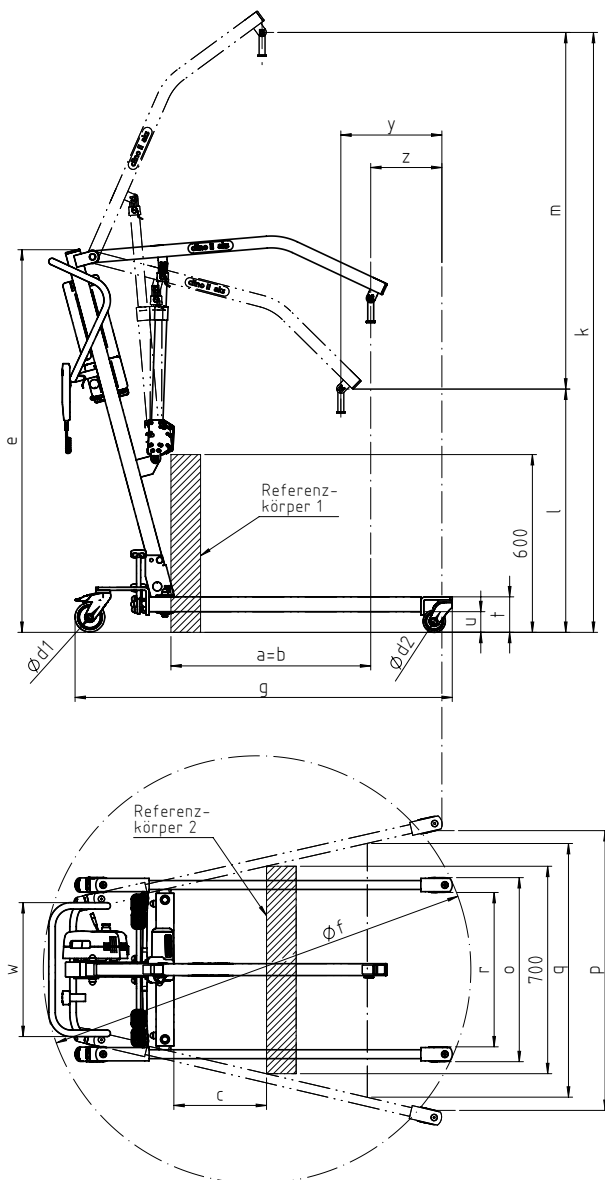
# Technical Data

## 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





<b>foldy® XL foldy®e XL</b>	<b>clino® II</b>	<b>clino® XL clino®e XL</b>	<b>foldo®</b>	<b>dualo® mini standard</b>	<b>dualo® mini active</b>	<b>dualo® standard</b>	<b>dualo® active</b>	<b>torneo® II</b>	<b>goliath®*</b>
40 kg 42 kg	38 kg	40 kg 42 kg	40.6 kg	38.5 kg	38.5 kg	39.3 kg	39.3 kg	44 kg	48 kg
185 kg	150 kg	185 kg	130 kg	150 kg	150 kg	150 kg	150 kg	150 kg	250 kg
40 s	40 s	35 s	82 s	80 s	80 s	80 s	80 s	40 s	78 s
25	25	25	40	40	40	40	40	40	25
24 V DC	24 V AC 50 Hz	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 AC 50 Hz	24 V DC
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
680	675	680	614	476	56	675	27	216	660
680	675	680	651	513	512	675	483	264	670
205	313	205	313	313	313	313	313	442	105
100	100	100	100	100	100	100	100	100	100
75	75	75	75	75	75	75	75	75	100
1290	1290	1270	1322	1195	1195	1283	1283	1136	1310
1460	1443	1470	1442	1317	1317	1538	1538	1263	1525
1310	1273	1280	1313	1081	1081	1291	1291	999	1285
2000	2025	1990	1865	1739	1846	2019	1990	1183	1970
610	821	600	793	759	1032	820	1183	898	585
1390	1204	1390	1072	977	814	1198	807	285	1385
680	621	680	671	643	643	643	643	550	745
960	944	960	892	825	825	919	919	771	1065
920	866	920	866	792	792	866	778	613	980
550	520	550	471	499	499	499	499	450	595
110	120	100	140	110	110	110	110	120	130
45	70	30	60	60	60	60	60	70	50
490	452	490	452	452	452	452	452	452	452
625	607	650	504	527	792	615	987	766	565
500	341	525	434	278	195	339	427	402	470
250	230	275	263	189	190	232	424	402	265

\* See bariatric range for product description