

Poweo[®] tilting electric suspension

Made in
France

The **Poweo[®]** with a tilting electric suspension allows an active positioning of the patient from lying to sitting position.

The **Poweo[®]** lifters are used with a special range of slings, especially adapted to the electric tilting suspension for all kinds of transfers. This choice covers the main uses for any patient size, from low weight patients to obese patients.



Poweo[®] 200 with tilting electric suspension.

- Innovative tilting electric suspension
- Removable high capacity battery
- Electrical opening of the base
- Lift patient from floor
- Mechanical and electrical emergency lowering
- Lightweight aluminium structure



Integrated weighing system **Scalis[®]** in option.



Poweo[®] 185 equipped with the scale.

Use of the tilting electric suspension

Positioning of the sling when the patient is in sitting position in a chair or a bed

1

The back pocket is used to place the sling in the patient's back for a correct positioning.



2

When the patient is in sitting position, the caregiver places the sling behind the patient while maintaining him with the other hand.



3

The caregiver puts her hand in the pocket and pushes down till the sling's bottom is in contact with the seat or bed.



4

The caregiver adjusts the sling's leg pads and connects the loops to the suspension.



The suspension is secure thanks to the patented SLS hook - Slide Lock System.

The locking ring is held in closed position due to the patient weight, which insures a safe transfer.



Take the sling's loop.



The loop is positioned in the hook.



Simply push to lock the SLS system.



Positioning of the sling in a lying position



The caregiver lateralizes the patient while maintaining him to position the sling which has to be folded lengthwise.



Then she lateralizes the patient on the other side to slide the other part of the sling.

Transfer from the bed to the wheelchair

Straighten up the patient with the tilting electric suspension



Lift the patient from the **lying position**.

Straighten up the suspension to place the patient in **sitting position** with ease and comfort.



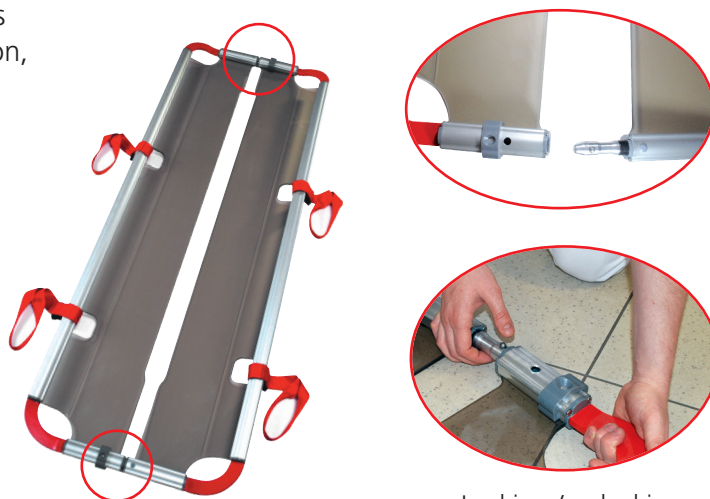
Lifting of a patient from the floor with a **Poweo® 200** and radiolucent stretcher

Our range of stretchers is designed to meet the requirements of most specified cares, as severely burnt patient, resuscitation, cardiology, operating theater, anesthesia, heart surgery, digestive surgery, trauma, pneumology, radiology, neurology, nephrology, etc

The radiolucent stretcher is made of a 2 parts aluminium frame and polycarbonate plates.



Poweo® 200 equipped with the stretcher 240kg and the **Scalis®** scale.



Locking / unlocking.

The stretcher has been designed to be compatible with X-Rays equipment and is appropriated to most pathologies.

Hoist's monitoring

The hoist's monitoring manages and records 2 types of parameters:

- Hoist historic of use as number of transfers, range of patient weights or type of transfers
- Technical data as maintenance management, detection of the potential mechanical or electronical malfunctions



Accessories

Power Pac battery and charger



The Power Pac NiMh battery is removable and light with an high working autonomy.



Recharging the battery is performed easily, thanks to a quick wall charger.



Poweo®'s tilting suspension remote control - waterproof IPx7.

Low base version

Poweo® low base is less than 7 cm / 2,8 inches high and can fit easily under wheelchair, bed or bathtub.



Scalis® weighing system



Poweo® with **Scalis®** is dedicated to weigh the patients.

Scalis® is a class III weighing instrument, as per the 2009/23/EC Directive classification, especially dedicated to be mounted on lifters.

The scale is easy to install on any type of floor or ceiling lifter.

Scalis® is immediately ready for use and autonomous thanks to its long lasting Lithium battery and automatic shut-off.

The scale allows users to be lifted and weighed with a one-step process.

The fixation avoids disruptions during the weighing of agitated patients and stabilizes the weight for a maximum accuracy.

Accuracy of 100 g / 3,50 oz.

Instantaneous automatic zero and weight display 5 seconds after touch pad activation.

Technical specifications - Poweo® tilting suspension

	Poweo® 185		Poweo® 200	
	Aluminium	Low base	Aluminium	Low base
Lifting capacity	185 Kg / 330 lbs		200 Kg / 440 lbs	
Battery capacity	>90 cycles at max charge		>90 cycles at max charge	
Actuator	24 V - 10 A			
NiMh Battery	24 V - 3,0 Ah			
Front wheels	∅ 75 mm	∅ 50 mm	∅ 75 mm	∅ 50 mm
Rear wheels with brakes	∅ 100 mm	∅ 100 mm	∅ 100 mm	∅ 100 mm
Width legs closed	79,4 cm	80,6 cm	79,4 cm	80,6 cm
Width legs open	135,4 cm	123,9 cm	135,4 cm	123,9 cm

	Poweo® 185		Poweo® 200	
	Aluminium	Low base	Aluminium	Low base
Length folded	152,8 cm			
Length in use	131 cm	126,8 cm	131 cm	126,8 cm
Maximum height folded	51,5 cm	49,4 cm	51,5 cm	49,5 cm
Maximum height in use	200,9 cm	198,8 cm	200,9 cm	198,8 cm
Maximum height with a scale	200,9 cm	198,9 cm		
Height under suspension	145,4 cm	143,4 cm	145,7 cm	143,7 cm
Legs height	11,1 cm	6,9 cm	11,1 cm	6,9 cm
Ground clearance	4,2 cm	2,2 cm	4,2 cm	2,2 cm
Total weight	53 Kg	55 Kg	48 Kg	50 Kg

All the measurements refer to a reference device. Measurements on serial products may slightly differ due to tolerances on the assembly and manufacturing processes.

Poweo® is guaranted 2 years. Battery, charger and sling are guaranted 1 year.

The **Poweo®** is a medical device Class I, in compliance with the Directive 93/42/CEE



Scaleo
MEDICAL



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