

Vendlet Range

Powered turning aids



Safe Moving & Handling

Turning and repositioning in bed



Safe Moving & Handling

Caring for people in bed is physically demanding work. Lifting, pulling and pushing patients is a leading cause of daily pain and long-term injury among healthcare workers, driving absenteeism, lower job satisfaction and staff shortages^{1, 2, 3}.

Vendlet can help with turning and repositioning people in bed. A national evaluation of electric turning systems by the Danish Technological Institute found clear improvements for care staff after Vendlet was introduced⁴.



Work environment



Less pain



Less fatigue



Confidence

86 % report a physically better work environment when caring for patients in bed.⁴

86 % experience less pain when caring for patients in bed.⁴

68 % feel less tired at the end of the workday.⁴

89 % feel assured when using the electric turning system.⁴

Up to
€8,296 saved
per patient
per year.⁵



1/ Richardson et al. Perspectives on preventing musculoskeletal injuries in nurses: A qualitative study. Nursing Open. 2019. 6:915-929
2/ Daragh A, et al. Safe Patient Handling Equipment in Therapy Practice: Implications for Rehabilitation. The American Journal of Occupational Therapy. 2013 Totzkay, DL.

3/ Multifactorial Strategies for Sustaining Safe Patient Handling and Mobility. Crit Care Nurs Q. 2018. 41(3): p. 340-344

4/ <https://pubmed.ncbi.nlm.nih.gov/29851685/>

5/ Danish Technological Institute – national evaluation of electric turning systems including Vendlet (<https://www.dhg-vendlet.com/knowledge-and-cases/mechanic-transfer-systems-improves-workplace-health-and-safety>)

6/ Prof. Dr. Hans-Günter Lindner, "Process optimization in nursing with Vendlet V5 in Germany, Great Britain and Denmark", Cologne University of Applied Sciences (source for the €8,296 saving).

Feel safe and turn effortlessly with Vendlet

The powered turning aid that does the lifting for you

Vendlet is a bed-mounted, motorised turning system for repositioning and transferring clients in bed without significant physical strain. It turns clients from supine to lateral and back, moves them higher up or sideways, mobilises them to and from the bedside, and assists with prone positioning and fitting slings and sheets.

The sheet supports the client while the caregiver simply guides the arms and legs into place. The calm, fluid motion reduces shear and friction, making Vendlet ideal for clients. It is used in nursing homes, hospitals, residential care and at home.



1

Gentle repositioning

The smooth, fluid motion reduces shear and friction and soothes anxious clients. A speed adjustment reduces the movement of Vendlet to 75 or 50%.

2

Effortless turning

The motorised rollers do the work; the caregiver simply guides the client, turning from supine to lateral and back – all from one side of the bed.

3

Hygienic and easy to mount

Electrical components are sealed inside the corner posts, so the system can be machine washed while still mounted. It mounts without actuators under the bed, fitting a wider variety of bed frames.

> **Emergency release nuts**
on all four corner posts for quick manual lowering – for example during a power outage or if sudden resuscitation is needed.

> **Hoisting function button**
on the corner post for easy height adjustment.



> **Ergonomic hand control**
for turning and repositioning.

> **Quick-Tag sheet attachment**
the turning sheet presses into a groove on the bar; no hook-and-loop strap, so it is durable, hygienic and suited to strict infection-prevention policies.

> **Built-in side rail**
raised bars act as a side rail; lowered, they sit 2.5 cm below the mattress for easy bed entry and exit.

> **Telescopic sides**
adjust the length to fit a variety of beds.



Sheets



Slide sheet – placed directly on the mattress; suitable for all models.



Turning sheet – sits on top on the two motorised rollers; Quick-Tag on Standard.



Turning sheet with hook-and-loop strap. Fits all older VENDLET models, such as the V5S, V5S Speed Adjust and the VENDLET Bari.

The range offers four models:



Vendlet Standard Max. 250 kg

The lightest, most durable model, with the simplest mounting and the basis for the features shown on the previous page. Its telescopic length fits most hospital and care beds, including extra-low beds.



Vendlet V5S Max. 200 kg

The first model with integrated bed rails and with simpler assembly than earlier models. Operates at one speed only.



Vendlet V5S Speed Adjust Max. 200 kg

Like the V5S, but with speed control: movement can be slowed to 75 % or 50 % of the norm, for users who are anxious or bothered by rapid movement, and for staff new to Vendlet.



Vendlet Bari Max. 400 kg

The bariatric model for heavier users, up to 400 kg. Similar to the V5S Speed Adjust but with more powerful motors; functions as an integrated bed rail and has adjustable speed.

Technical data ▼

								
	Safe working load ▼	Total Weight ▼	Vendlet Length ▼	Height under bed frame ▼	Height above mattress	Sheet attachment	Frame material	Noise level (max. load)
Standard	250 kg*	42 kg	200-220 cm	10–20.5 cm	–2.5 cm	Quick-Tag	Aluminium	55 dB(A)
V5S	200 kg*	58 kg	200 cm	20–35 cm	+2 cm	Hook-and-loop	Steel	65 dB(A)
V5S SA	200 kg*	58 kg	200 cm	20–35 cm	+2 cm	Hook-and-loop	Steel	65 dB(A)
Bari	400 kg*	58 kg	200 cm	20–35 cm	+2 cm	Hook-and-loop	Steel	65 dB(A)

*VENDLET models should always be considered in relation to the max user weight of the bed. See user manual.

Slide sheet (all models)

	Mattress width ▼	Mattress length ▼
95 cm	80–90 cm	200 cm
95 cm – long	80–90 cm	220 cm
115 cm	95–110 cm	200 cm
115 cm – long	95–110 cm	220 cm
135 cm	110–130 cm	200 cm

Turning sheets

	Fits ▼	Size ▼	Mattress width ▼
Quick-Tag	Standard	320 cm	100–130 cm
Hook-and-loop	V5S / Bari	350 cm	80–110 cm
Hook-and-loop	V5S / Bari	400 cm	110–130 cm

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