

Sprint 100



transport stretcher

5 features for safety and

IV&Drive 

FlexiDrive 

EasyBrake 



comfort

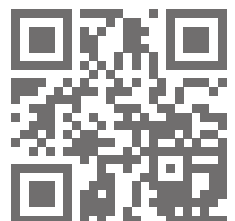
SPRINT
100



CardiacChair



SoftDrop



IV&Drive



World's first IV poles with integrated push handles



Safe and practical

Pushing a stretcher using the IV poles is common, but the Sprint 100 is the world's first stretcher designed to make it safe and practical. While standard IV poles often break when used for pushing, the telescopic poles on the Sprint 100 feature a special robust design that reduces maintenance costs, makes work easier for staff, and allows the stretcher to be pushed at a low height for increased patient safety.



Benefits for everyone

IV&Drive was designed to improve the practicality and safety of the stretcher while reducing maintenance costs and the amount of physical effort required of staff.



– LOWER STRETCHER POSITION FOR INCREASED SAFETY



– PUSHING USING THE IV POLES IS EASIER AND LESS TIRING
– IV&DRIVE CAN BE POSITIONED AT ALL FOUR CORNERS



– ROBUST DESIGN REDUCES MAINTENANCE COSTS

CardiacChair



CardiacChair for better
treatment, safety and comfort

CardiacChair

The Sprint 100 hydraulic system makes it easy to change the stretcher's configuration from normal bed to CardiacChair position, helping patients with various conditions such as heart disease. It also helps reduce the risk of aspiration.



Adjustable chair position

The Sprint 100 with four-section mattress platform utilizes hydraulics to easily adjust the bed from flat to chair position. This provides the patient with maximum comfort, especially if they suffer from breathlessness or bowel obstruction.

Easy treatment

Many treatments are easier with the patient in a sitting position. It is especially useful for administering medication, either for inhalation or expectoration. It also makes eating and drinking easier.

Maximum comfort

Adjustability makes finding the optimal position for the patient easy, allowing for easier breathing and a better view. It also prevents patients from sliding down the bed and provides more comfort to disoriented patients.

FlexiDrive



Retractable 5th castor with gas suspension for a better ride

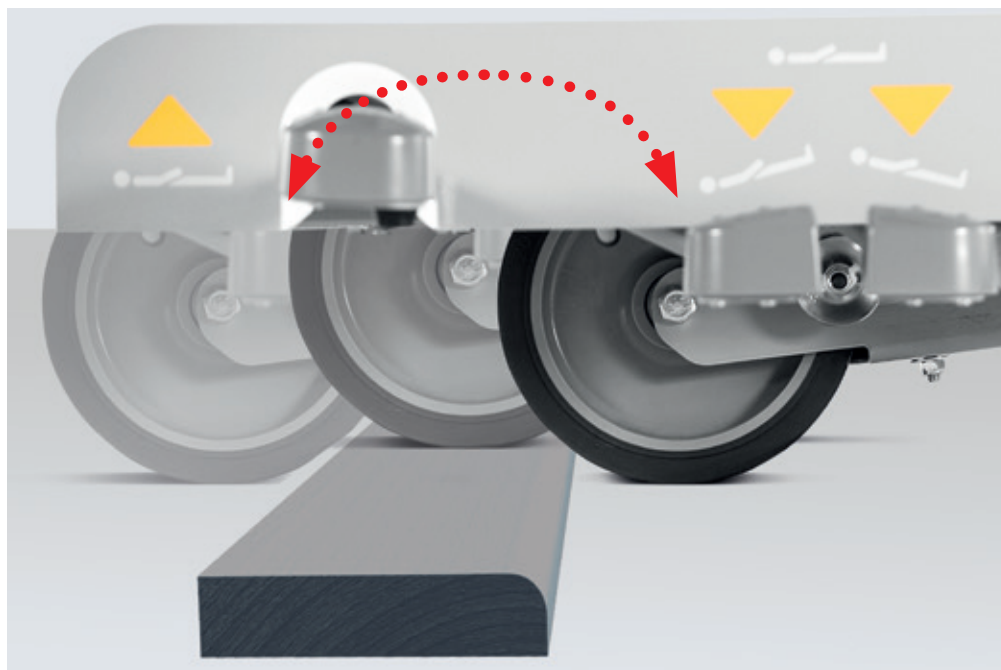


Smooth ride

The retractable 5th castor lets the Sprint 100 ride smoothly over uneven surfaces and obstacles, such as lift entrances and thresholds. This is crucially important not only for patient comfort but for safety as well, reducing the risk of spinal injuries for example. The castor is spring-loaded for better shock absorption, and its 200-mm diameter makes traversing obstacles easier.

Compatibility

To make the Sprint 100 fully compatible with various medical equipment such as C-arms and X-ray devices, the 5th castor can be easily deployed and retracted. With a simple push of the pedal, the castor retracts into the undercarriage of the stretcher to make room for any type of equipment.



- SPRING-LOADED 5TH CASTOR ENSURES A SMOOTH RIDE
- ENHANCED COMFORT AND SAFETY



- RETRACTABLE WITH A PUSH OF THE PEDAL
- UNOBSTRUCTED C-ARM AND X-RAY ACCESS

SoftDrop



SoftDrop siderails prevent injuries



No more noise

Thanks to the SoftDrop feature, the siderails are lowered slowly, gently, and silently, resulting in a reduced risk of hand entrapment.

No more falls

With the siderails extending for nearly the entire length of the bed and openings between the bars of just 21 centimeters, the danger of falling is minimized.



Easy adjustment

With the backrest in the raised position, the siderails extend along the length of the mattress platform. And when the patient is lying down, the siderails leave enough space around the patient's head for easy access. The siderails can be quickly released from both ends of the stretcher.



- REDUCED NOISE
- SMALL OPENINGS BETWEEN BARS OF JUST 21 CENTIMETERS ELIMINATE FALLS
- LONG SIDERAILS FOR EXTRA SAFETY



- SUFFICIENT SPACE IN HEAD AREA FOR EASY ACCESS



- PREVENT INJURIES

EasyBrake



Brakes easily accessible on all four sides



All sides

The Sprint 100 brakes are easily accessible from the head and foot ends of the stretcher, eliminating the need to move to the sides of the bed when using the brake. Additional brakes can be fitted to the sides of the stretcher.



Light & easy

Operating the brakes on the Sprint 100 is very easy. The brakes are both applied and released by pushing the pedal down instead of pulling it up, which reduces the risk of occupational back pain affecting hospital staff.



- ERGONOMIC POSITION FOR APPLYING/RELEASING THE BRAKES
- EASY BRAKE OPERATION
- BRAKES ON ALL FOUR SIDES

The right mattress

Selecting the right mattress from our range can improve both ease of handling for nurses and comfort for patients. The Sprint 100 comes with a choice of three mattresses: Standard, Comfort, and Advanced.

Thanks to Thermic TM technology, the Sprint 100 Advanced mattress absorbs excess heat and directs it away from the patient's body.

All mattresses are equipped with a special ANTISLIP feature: a non-slip layer on the bottom that keeps the mattress in place even when positioning the stretcher, which improves safety and makes handling easier (e.g., the Trendelenburg position).

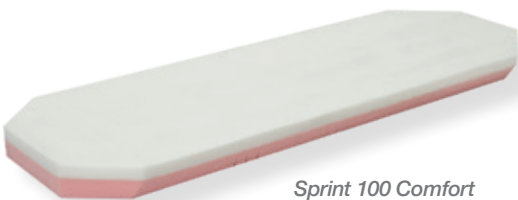
The mattresses feature welded and sewed seam joints for improved infection control.



Sprint 100 Standard
Thickness: 8 cm



Sprint 100 Comfort
Thickness: 10 cm, with memory foam



Sprint 100 Advanced
Thickness: 13 cm, with memory foam and THERMIC layer



Extra benefits

Customization

The Sprint 100 is a fully customizable bed with variable IV&Drive positioning, optional additional side brakes, and a comprehensive selection of mattresses.



Smart design

All components were developed in cooperation with the best designers and engineers. Careful attention was given not only to health and safety but also to ergonomics, comfort, and modern design.



Rails

Standardized stainless-steel rails can be attached beneath both ends of the stretcher.



Monitor shelf

A 3-in-1 multifunctional feature that serves as a monitor shelf desk for doctors and nurses.



Angle indicator

The backrest can be easily adjusted to a 30-degree angle thanks to the angle indicator. Its position allows for easy monitoring of the mattress platform incline.

For patients

The Sprint 100 delivers increased patient safety and comfort thanks to a range of sophisticated innovations.

Safe siderails

The stretcher is equipped with safe siderails that reduce the risk of falls, even in the comfort position.



Advanced mattresses

All mattress types are designed to minimize the occurrence of pressure ulcers.



Adjustable bed positions

Increased patient comfort with different positions, such as CardiacChair, passive leg raise, Fowler position, and full vascular position.





For nurses

The Sprint 100 reduces nurse workloads with easier cleaning and improved safety.

Easy cleaning

The Sprint 100 has smooth, round surfaces that prevent fluid ingress. This means easy cleaning and much less work for staff.

Safe backrest handle

The Sprint 100 comes with independent handles to prevent injuries when raising the backrest.

Innovative mattress

The mattress has a smooth non-slip cover that is easy to clean and stays in place with no fastening required.

Accessible hanging points

The Sprint 100 is fitted with a large number of accessory hooks designed for visible and easily accessible drainages, urinary catheters, and other items.



For management

Robust and easy to use and clean, the Sprint 100 offers significant benefits to management, too.

Durability

The Sprint 100 is made of durable materials to minimize maintenance costs, and high-quality production assures a long service life. Special attention is given to damage-prone components such as IV poles and handles, bumpers, castors, and brakes.

Easy maintenance

Its smart design is focused on easy cleaning, reducing the time and effort spent on maintenance. Easy cleaning of crucial parts also prolongs service life. Moreover, the color scheme can be individually customized for different hospital departments.

Safety

Several features lower the risk of injury to both staff and patients. Improved transport features for better ergonomics prevent back injuries.



Technical details

Four-section mattress
platform available mid-2018



	2-section platform	4-section platform
Safe working load (SWL)	320 kg	320 kg
External dimensions	211 × 76 cm	211 × 76 cm
Mattress platform height (min-max)	56.5 – 89 cm	55.5 – 88 cm
Mattress dimensions	193 × 66 cm	193 × 66 cm
Castors diameter	20 cm	20 cm
FlexiDrive (5 th castor) diameter	20 cm	20 cm

SPRINT
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POSITIONING

	2-section platform	4-section platform
Backrest angle	0–90°	0–90°
Thighrest angle	–	0–40°
Calfrest angle	–	0–17°
TR/ATR tilt	+/- 18°	+/- 18°

SIDERAILS

	2-section platform	4-section platform
Siderails height	35.5 cm	36.5 cm
Number of siderail bars	6	6
Distance between siderail bars	21 cm	21 cm
Maximum mattress height	13 cm	13 cm

CERTIFICATES

Linet spol. s r.o. has a certified integrated management system in compliance with standards ISO 9001, ISO 13485, and ISO 14001.

This device conforms with relevant European Union harmonization legislation: Directive 93/42/EEC, EC Regulation No. 1907/2006, and Directive 2006/42/EC, and meets standards EN 60601-1, EN 60601-1-6, and ISO 14971.

Sprint 100

Patient

- Comfort: Easily adjusted to the CardiacChair position
- Safety: SoftDrop siderail system
- Smooth transport: FlexiDrive with shock absorber



- Manoeuvrability: Integrated IV&Drive
- Quick transport and EasyBrake system
- Infection control: Easy to clean



Staff

Management

- One solution for all emergency needs
- Durable construction
- Longer service life thanks to IV&Drive



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