**Active anti-decubitus mattress arsos® bariatric**

Anti-decubitus systems are designed specifically for bariatric beds TITAN. This system is fully operable with regard to the high requirements of bariatric patients. Maximum height and base technology lends support to prevention and treatment of pressure ulcers up to stage IV according to degree of risk by RYHP for patients weighing up to 300 kg. The system can be set to stage IV active mattress up to stage IV of risk. **Minimum range** stage IV of risk. The above system's weight distribution of the patient over a larger area, thus reducing skin pressure on the back. Due to the presence of chambers, follow the natural course of skin and body shape and body weight distribution. The system is designed for a static bed, as pressure under mattress pressure facilitates easy patient examination, where pressure elevation is required. This mattress is also wearable with the long patient. This mattress combination is available as an extra mattress extension when the bed is not in motion or in transportation in order to increase the patient to achieve normal position of the mattress. Unique suspension of mattress cells allows aerodynamic mattress length extension or shortening together with the weight of the patient area.

**Key features**

- Passive mattress up to stage II and active mattress up to stage IV of degree of risk.
- Mattresses range arsos® TITAN.
- Pump dexos® autoplus.
- Elastic mattress safety 15, 20, 25 cm
- HR foam 450 kg 12 cm
- Lateral rotation therapy
- Scale system

**Passive anti-decubitus mattress**

Patient mattresses, specifically designed for bariatric patients, offer high load capacity up to 450 kg. Standard materials are PUR foam. Due to the special design - **Stress skin** - the pressure under mattress pressure facilitates easy patient examination. Longitudinal packing of the foam cells allows air circulation and also the patient’s skin’s own treatment according to medical indication. The combination of the two foam materials - PUR foam and high load capacity - provides ideal weight distribution of the patient over a larger area, thus reducing skin pressure on the back. Due to the presence of chambers, follow the natural course of skin and body shape and body weight distribution. Benefits:

- Better pressure distribution due to the flat shape of cells
- Automatic pressure adjustment according to patient weight
- Reinforced edge of the mattress to facilitate getting out of bed
- Can be used as a passive foam mattress with prevention of pressure ulcers up to stage IV
- Unique air foam mattress system
- Exclusively for mattresses of arsos®

**Mattresses versatile - suitable for variable weight up to 250/450 kg**

**Pump dexos® autoplus**

- Combinations of pressure frames with autoplus pressures up to 450 kg
- Automatic pressure adjustment according to patient’s weight
- Control of mattress inflation and deflation
- AUTO / STOP systems
- Pressure relief and skin care
- Cell inflation alternation in 5 cycles 5, 10, 15, 20 or 30 minutes
- Innovative technology for the future

**Technische spezifikationen**

- External dimensions (L x W) 200 x 100 (120) cm
- Mattress platform dimensions (L x W) 4, 22, 34 cm
- Mattress platform extension 10 cm
- Autoregression (back / femoral part) 10° / 15°
- Lateral extension 15° / 15°
- Table width 100 / 120 cm
- Safe working load 300 Kg

**Safety**

- Reinforced edge of the mattress to facilitate getting out of bed
- Can be used as a passive foam mattress with prevention of pressure ulcers up to stage IV
- Unique air foam mattress system
- Exclusively for mattresses of arsos®

**Mattresses suitable for patients with low risk of developing pressure ulcers**

- Single-sided sandwich anti-decubitus mattress designed for bariatric patients
- Simple and easy maintenance
- Reinforced edge of the mattress to facilitate getting out of bed
- Can be used as a passive foam mattress with prevention of pressure ulcers up to stage IV
- Unique air foam mattress system
- Exclusively for mattresses of arsos®

**BARIATRIC BED TITAN**

- Loading capacity 500 kg
- Direct get off position
- Lateral rotation therapy
- LED nurse control panel
- Scale system

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BARIATRIC BED TITAN

MAXIMUM SAFETY

When the mattress platform is raised by the hand controller, the patient can move by raising the mattress platform without having to move the headboard. The patient can easily push the mattress platform without having to roll over on the bedside and overcome the folded side rails. They are equipped with shock absorbers. Thanks to the movement of the back part side rails at head part together with the back part of the mattress platform a maximum protection of the patient in all positions is guaranteed. In case of spontaneous autoregression gives patients greater comfort and reduces negative feelings that commonly arises when positioning the patient when turning the patient, performing his hygiene and changing bed linen. A maximum patient safety is ensured with raised protective side rails which insert into special holders along the bed side. Bed is also equipped with alarms. The controller is also enhanced by the automatic weighing system with a simple setup of weighing mechanisms guaranteeing high strength and superior lifetime of the side rails. For the event of uncontrolled drop mechanisms guarantee high strength and superior lifetime of the side rails. For the event of uncontrolled drop protective side rails on the mattress platform are located to prevent patients from slipping off the bed.

METAL HEAD/FOOT BOARDS WITH HPL INSERTS

They provide excellent protection of the patient from falling off the bed as well as easily exchange the bed mattress. Disinfection and maintenance is very easy thanks to a smooth surface and the design of the boards.

NURSE CONTROL PANEL WITH SCALE

This panel allows for setting of the desired height of the mattress platform and required position. The hand controller is equipped with one button functions such as patient position etc. Each function maximally supports patient's self-sufficiency and facilitates the assistance of medical staff.

DOUBLE AUTOREGRESSION

An automatic receding of the back and femoral part during positioning significantly reduces the effort of manual workers on the nucleus and the patient in the case of heavy paraplegia. Robust and safe system of the boards mounting protects against accidental pulling up and provides perfect strength during manipulation with the bed. Its ease of use allows quick removal for immediate resuscitation.

STABLE 4-COLUMN CONSTRUCTION

Unbreakable bed alarm

The alarm will sound immediately after the patient has been transferred to another bed. The alarm can be silenced by raising the mattress platform using the hand controller. Each function maximally supports patient's self-sufficiency and facilitates the assistance of medical staff.

LOADING CAPACITY 500 kg

The mattress platform design of the bed is based on anthropometric studies of bariatric patients. Basic mattress platform design allows maximum patient support when getting up. It is the safest way of getting out of and in the bed. The lowest position of the mattress platform helps the patient when getting off the bed and significantly reduces the risk of accidental fall.

LATERAL TILT

Lateral tilt of the mattress platform provides for several indications of the patient’s condition such as bed or chair. This feature is especially valuable in patients with high probability of developing postoperative respiratory complications and patients at high risk of developing pressure sores. Nursing staff will appreciate the ability to easily setup individual parameters of the chosen therapy.

FOOT CONTROL PANEL WITH SAFETY BUTTON

The foot controller is equipped with a tactile controller placed on a flexible mat which greatly lowers patient’s accidents in getting up. Every function is easily accessible by the user and cannot be accidentally turned off using the hand controller.