



HFS GROUP

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Brancards et Lits



The product was made of materials that possess
antimicrobial/antibacterial properties.

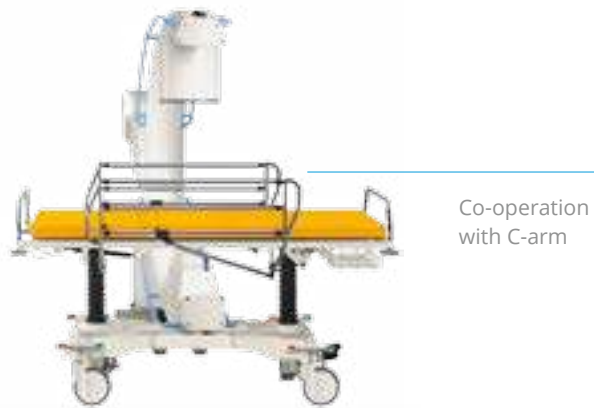


Brancard pour le transport de patients

WP-09

Purpose

The trolley WP-09 is used for transporting patients between clinical areas. There is a possibility of monitoring a patient with a C-arm.



Standard construction

- The trolley pallet is X-ray translucent. Thanks to a tray for X-ray cassette (option) which can be fixed under the trolley pallet it is possible to take X-ray pictures on the whole pallet length
- The trolley is made of steel sections covered with epoxy polyester powder paint in RAL 9002 colour resistant to scratches and disinfectant agents
- Back rest segment in the trolley and the thigh rest segment in the version of the trolley with 4 section pallet are adjusted with the use of gas springs with blockade
- The shank rest segment adjustment in the version of the trolley with 4 section pallet is carried out with the use of ratchet mechanism
- Base of the trolley is protected with ABS covers in RAL 9002 colour. It is possible to place an oxygen bottle on the trolley base
- The trolley pallet consists of two segments with mattress and basket designed for storing the patient belongings. Bumpers fixed in corners of the pallet protect it against a damage

Trolley features

- Height adjustment of the pallet and longitudinal tilts are carried out with the use of hydraulic actuators adjusted by foot levers
- The height of the trolley pallet can be adjusted to the height of a hospital bed or an operating table
- The WP-09 trolley is equipped with four wheels with a central blockade. There is a possibility of fixing the fifth wheel. One of the wheels is a directional wheel and enables moving the trolley forward
- Big diameter of wheels (200 mm) facilitates manoeuvring the trolley
- Head board is removable

Additional equipment

- Side rails
- Drip bottle holders
- Belt for fixing the patient
- Tray for X-ray cassette
- Fifth wheel



Movable tray placed under the trolley pallet for X-ray cassette WW-24.0 makes it possible to take X-ray pictures on the whole pallet length



Belt WW-12.0 for fixing the patient



Varnished side rails PB-15.5



Fifth wheel WW-25.0



Chromium plated side rails PB-15.6



Drip bottle holder WK-06.1



Drip bottle holder WK-16.0

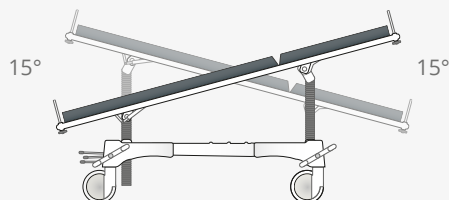
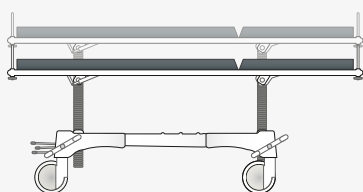
Technical data

Total length	2100 mm
Total width (without side rails)	800 mm
Total width (with side rails)	860 mm
Mattress dimensions	1920 x 675 x 60 mm
Pallet height adjustment	560 to 890 mm
Back rest inclination	0° to 70°
Thigh rest inclination (Version of the trolley with 4 section pallet)	30°
Shank rest inclination (Version of the trolley with 4 section pallet)	22°
Trendelenburg position	15°
Reverse Trendelenburg position	15°
Wheels diameter	200 mm
Permissible load (static)	250 kg
Permissible load (dynamic)	220 kg

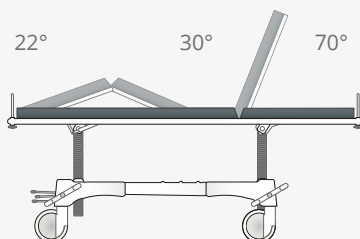


Functions of the trolley adjustable by a foot-operated pump

560 to 890 mm



Functions of the trolley adjustable manually



The product meets the requirements of the European Directive MDD 93/42/EEC concerning safety of medical devices

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Lit d'hôpital électrique

NANO

The product was made of materials that possess
antimicrobial/antibacterial properties.



Electric hospital bed

NANO

Advantages

Column hospital bed NANO was designed to reduce the formation of hospital infections through the use of several elements, which together will achieve this goal especially if you have a larger number of such beds (increasing the surface area of silver nanotechnology activity in the room).

Standard construction

- Nano was produced in antibacterial nano silver, which inhibits the proliferation of various types of micro-organisms (viruses, bacteria and fungi), and hence allows their subsequent elimination.
- Silver nanotechnology has been introduced into the plastic parts including peaks and double side rails and paint, with which the metal parts of the bed are painted. A column construction of the bed allows for easier maintenance of cleanliness under the mattress frame.
- Cylindrical columns allow to obtain a large gap between the floor and the bed and allow access to all the elements that can be potential sites of microbial proliferation.

Standard solutions



Central castors break



Release mechanism of side rails



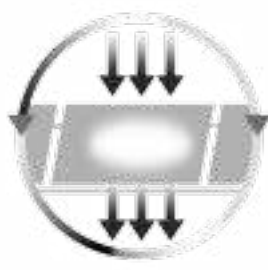
Bumper



Silver nanotechnology has been introduced into the plastic parts including peaks and double side rails and paint, with which the metal parts of the bed are covered.



The minimum mattress height from the floor below 40 cm reduces the risk of falling and facilitates getting out of the bed.



Translucency of the bed. NANO bed is fully translucent for X-ray due to the laminate used in the mattress and the column construction enabling the full compatibility with the C-arm allowing diagnosis of the patient in bed (option).

Some of the bed positions



Control

Wired remote control and control panels in the side rails allow the patient to choose the most comfortable position. The control system (option) allows medical personnel to control and block electric functions of the bed.



Wired remote control



Side rails with control panel



Control panel (option)
all electric functions can be operated by the hand controller. Central control panel with possibility of steering and locking of electric functions, additional buttons: cardiological chair, Fowler's position, electric CPR, examination position, anti-shock position.



Examination position – all segments levelled, bed frame in horizontal position and maximum height



Low position – all segments levelled, bed frame in horizontal position and minimum height



Cardiological chair



Fowler's position – bed frame in horizontal position, back rest raised up, thigh rest raised up



Anti-shock position – bed frame with all segments levelled in Trendelenburg position



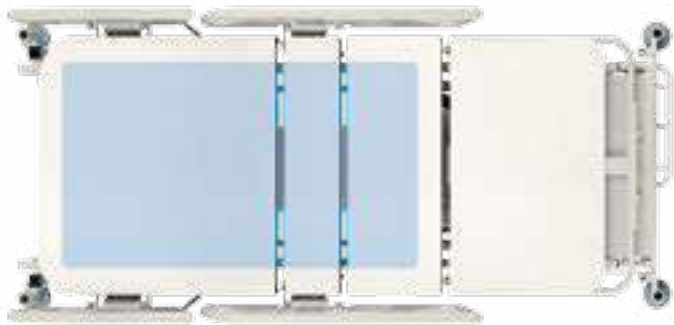
Reverse Trendelenburg position

Co-operation with C-arm



X-ray permeability

The range of permeability for C-arm in particular bed is shown on the pictures.



Proposed additional equipment



Drip bottle holder WK-17.0



Drip bottle holder WK-12.0



Hand holder UR-07.0



Urinal holder WL-19.6



Bed-pan holder WL-20.6



Varnished side rails, foldable PB-15.0 or chromium plated side rails, foldable PB-15.1



Additional set of side rails made of ABS at the leg section PL-23.1

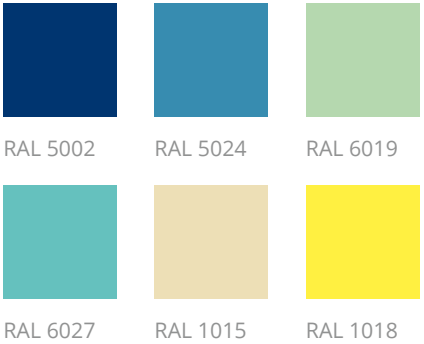


Divided side rails made of ABS without controls PB.-22.2



Divided side rails made of ABS with controls PB-22.3

PL-19.1 plastic head and foot boards in RAL 9002 colour with inserts



Available head and foot boards

Technical data

Bed's length	2280 ± 20 mm
Bed's width (with side rails)	965 mm ± 10 mm
Maximum height of the bed frame	770 ± 20 mm
Minimum height of the bed frame	390 ± 20 mm
Back rest segment inclination	70 ± 3°
Thigh rest segment inclination	40° ± 3°
Trendelenburg position	15° ± 3°
Reverse Trendelenburg position	15° ± 3°
Castors diameter	150 mm
Permissible load	250 kg
Power supply	230/127/110/100 V – 50/60 Hz
Power consumption	350 VA/230 V
Class of protection	I
Type part of the application	B
Degree of protection	IP-54 (optional IP-66)
Period of use	10 years



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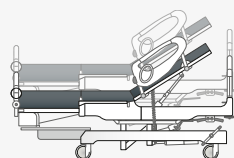
Technical data	LM-01.3	LM-01.4	LM-01.5	LM-01.0
Height adjustment	595–965 mm (electric actuator)*	615–985 mm (electric actuator)*	590–935 mm (hydraulic pump)	560–930 mm (hydraulic pump)
Back rest inclination angle	70° (electric actuator)*	70° (electric actuator)*	70° (gas spring)	70° (gas spring)
Trendelenburg position	12° (gas spring)	12° (gas spring)	12° (gas spring)	12° (gas spring)
Reverse Trendelenburg position	5° (gas spring)	5° (gas spring)	5° (gas spring)	5° (gas spring)
Seat section inclination angle	–	17° (electric actuator)**	–	–
Bed's length	2170 mm	2170 mm	2170 mm	2180 mm
Bed's length in chair position	1600 mm	1600 mm	1600 mm	1620 mm
Maximum width	1080 mm	1080 mm	1080 mm	980 mm
Bed frame width	855 mm	855 mm	855 mm	855 mm
Permissible load	230 kg	230 kg	170 kg	170 kg
Permissible load (foot segment)	170 kg	170 kg	170 kg	170 kg
Power supply	230/127/110/100 V ~, 50/60 Hz	230/127/110/100 V ~, 50/60 Hz	–	–
Maximum power consumption	250 W	250 W	–	–
Gynaecological bowl capacity	14 l	14 l	14 l	14 l

* Controlled from the central control panel, foot controller, side rails

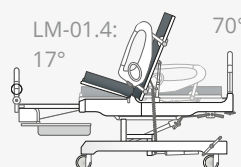
** Controlled from the central control panel and foot controller



Functions adjustable by a foot-operated controller



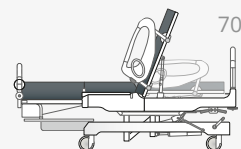
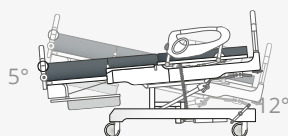
LM-01.3: 595 to 965 mm
LM-01.4: 615 to 985 mm



LM-01.3
LM-01.4



Functions adjustable manually

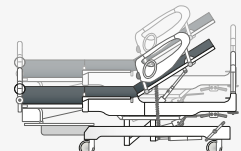


LM-01.5
LM-01.0



Functions adjustable by a foot-operated pump

LM-01.5: 590 to 935 mm
LM-01.0: 560 to 930 mm



LM-01.5
LM-01.0



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Lit de soins intensifs

LE-13 VIGO 3



The product was made of materials that possess antimicrobial/antibacterial properties.

ICU bed

LE-13 VIGO 3

Benefits for technical staff:

- The bed is covered with powder varnish resistant to UV radiation, mechanical damages and disinfecting agents
- Easy to keep clean
- Certified for patient weights of up to 250 kg
- The bed is equipped with reliable actuators and control systems
- Long term availability of spare parts is guaranteed

Benefits for patients:

- Low bed frame position and four side rails facilitate safe getting in and out of the bed
- Double autoregress function reduces the pressure to patient's body to shanks and thighs
- Cardiologic chair position improves patient's comfort
- Hand controller and controls in side rails allow a patient to choose the most comfortable position
- Possibility of bed frame extension



Benefits for medical staff:

- Easy removable headboard enables quick access to a patient for emergency procedures
- 5th wheel and directional wheel enable easy maneuvering of the bed by one person
- Lateral tilts make the care process easier and eliminate inconvenient factors for medical staff (e.g. moving of heavy patients, spine overload)
- Possibility of adjustment of bed functions during patient's transportation
- Scale system allows checking patient's weight in order to dose right quantity of medicaments
- Possibility of taking x-ray pictures and using C-arm
- Modern design ensures easy use and service

Benefits for decision makers:

- The beds fulfill European requirements and standards for medical devices
- Possibility of using wide range of additional equipment
- Wide range of colours of boards and side rails and suitable bedside lockers give possibility to create hospital rooms more pleasant
- Low costs of maintenance



The bed is supported by three cylindrical columns



Trendelenburg position



Lateral tilts

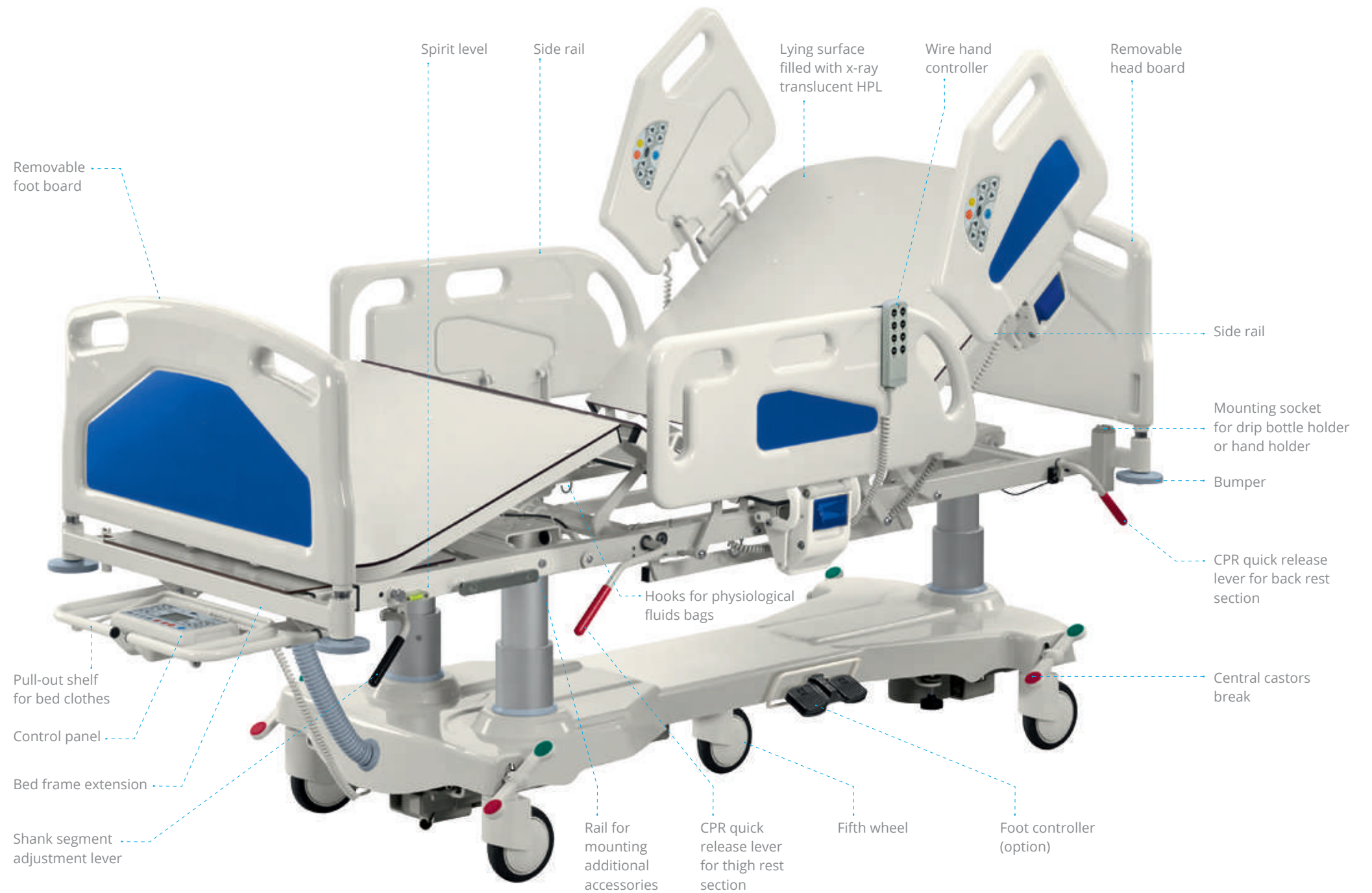


Bed with mattresses for lateral tilts

Example version of Vigo 3 (LE-13) bed

Standard construction

- Bed supported by three cylindrical columns
- Bed construction made of carbon steel covered with polyester-epoxy powder varnish in RAL 9002 colour
- Bed frame segments filled with x-ray translucent HPL
- Bed chassis covered with ABS covers in RAL 9002 colour
- Central locking wheels with one directional wheel for straightforward move
- Four-segment frame with three segments adjustable: back section and thigh section electrically adjustable, shank segment supported by a gas spring
- Electrically operated height adjustment
- Control system depending on bed type
- Control system equipped with a battery
- Autoregress function in back rest and thigh rest sections
- CPR function in back rest and thigh rest sections
- Autocontour function
- Possibility of bed frame extension and shelf for bed clothes
- Bed equipped with frame level indicator
- Four bumpers
- Four hooks for physiological fluids bags
- Possibility of mounting drip bottle holders in four corners
- Potential equalization socket



Standard functions and solutions improving comfort of a patient and medical staff

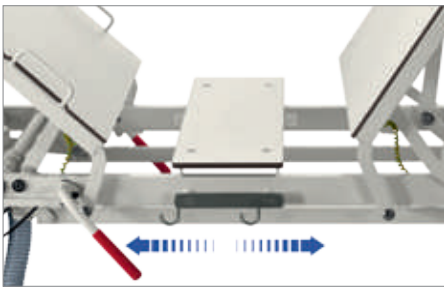


Bed frame extension

Possibility of frame extension by 200 mm for taller patients (standard). The extended space is filled with an additional mattress.



Shelf for bed clothes



Autoregress function

Follow-up mechanism of back rest segment moves back the back-rest segment and thigh-rest segment from fixed section of the bed frame. Thanks to double autoregress function the pressure to patient's body to shanks and thighs is reduced.

Some of the bed positions operated electrically




Lateral tilts



Cardiological chair



Fowler's position – bed frame in horizontal position, back rest raised up, thigh rest raised up



Examination position – all segments levelled, bed frame in horizontal position and maximum height



Electric CPR ('zero' position) – all segments levelled, bed frame in horizontal position and minimum height



Anti-shock position – bed frame with all segments levelled in Trendelenburg position



Reverse Trendelenburg position



Autocontour – simultaneous adjustment of back rest and thigh rest segments





Tunnel for x-ray cassette PL-18.1

Mounted under back rest segment filled with HPL allows taking x-ray pictures in seating position.



Tunnel for x-ray cassette PL-18.0

Mounted in bed frame under back rest segment, fixed segment and thigh segment (bed pallet filled with HPL) allow taking x-ray images in horizontal position.



Fifth wheel

Makes changing direction easy and eliminates physical effort needed to maneuver the bed.



Scale measuring patient's weight

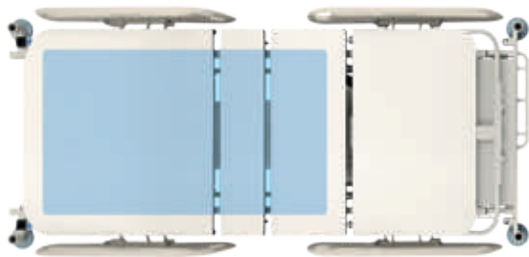
The system allows checking patient's weight and it provides visual and audio indication for bed exit alarm.

X-ray permeability

Co-operation
with C arm



Using beds x-ray pictures can be taken
and C-arm can be used.
The range of permeability for
C-arm in particular bed is shown on
the picture on the right.



Available
head and foot boards

PL-19.1
ABS plastic head and foot boards
in RAL 9002 colour with inserts



Proposed additional equipment



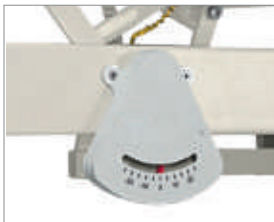
Drip bottle holder WK-17.0



Drip bottle holder WK-12.0



Hand holder UR-07.0



Indicator
of bed frame
inclination
PL-24.3



Indicator
of back rest
inclination
PL-24.1



Varnished side rails, foldable PB-15.0 or chromium plated side rails, foldable PB-15.1



Additional set of side rails made of ABS at the leg section PL-23.1



Divided side rails made of ABS without controls PB-22.2



Divided side rails made of ABS with controls PB-22.3

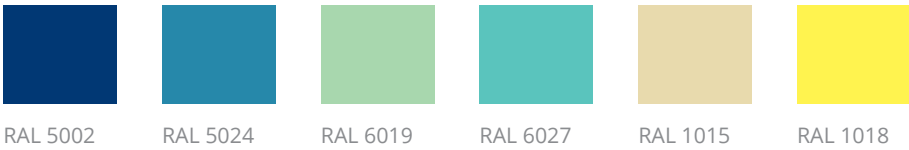


Divided side rails made of plastic without controls PB-19.5



Divided side rails made of plastic with controls PB-19.4

Available colours of head and foot boards



Control panel



Control panel WL-99.6 – all electric functions can be operated by the hand controller. Central control panel with possibility of steering and locking of electric functions, LCD displayer, additional buttons: cardiological chair, Fowler’s position, electric CPR, examination position, anti-shock position, lateral tilts.

Other equipment:

- Mattress MC-28.32 in removable cover, waterproof, steam permeable
- Additional mattress MC-41.0 extending standard mattress
- Antidecubitus mattresses: active, passive
- Oxygen bottle holder
- Double extension apparatus
- Set of additional mattresses MU-01



Urinal holder WL-19.6



Bed-pan holder WL-20.6



Oxygen bottle holder PL-36.0

Control panels

LE-13 (Vigo 3)

Control panel WL-99.41	-
Control panel WL-99.6	S
Control panel WL-99.61	O
Foot controller WL-99.5	-
Foot controller WL-99.52	O
Foot controllers WL-99.51	O
Scale system	O Only with WL-99.61
Control panel WL-99.7 (for side rails PB-22.3)	O
Light under the bed frame and nurse call WL-99.9 (available only with WL-99.7)	O
Castor brake signalization module WL-99.11	O

S – standard
O – option
– – not available



Control panel WL-99.7 in side rails PB-22.3 can operate electric functions of the bed (light under the bed frame and nurse call are available only with additional module WL-99.9)



Foot controller WL-99.5 and WL-99.52 for bed height adjustment (the foot controller is placed on one side of the bed)



Foot controllers WL-99.51 for bed height adjustment (are placed on both sides of the bed)

Standard and optional functions and solutions

LE-13 (Vigo 3)

Tunnel for x-ray cassette PL-18.0 under back rest section, fixed section and thigh section (for taking x-ray pictures in horizontal position)	O
Tunnel for x-ray cassette PL-18.1 under back rest segment made of HPL (for taking x-ray pictures in seating position)	O
Bed frame shortening	O
Scale system	O
Lateral tilts	S
Fifth wheel	S
Visual signalization for minimum bed frame position	S
Single castors	S
Double castors	O

S – standard
O – option

Technical data

Bed length	2280 mm
Total bed length with the bed frame extension	2480 mm
Total bed length with shortened bed frame	2180 mm
Total bed width	965 mm
Total bed width with side rails PB-15	970 mm
Total bed width with raised side rails PB-22	990 mm
Total bed width with lowered side rails PB-22	1040 mm
Mattress length x width	2060 x 840 mm
Height adjustment	465–865 mm (electric actuator)
Back rest segment inclination	0°–74° (electric actuator)
Thigh rest segment inclination	0°–45° (electric actuator)
Shank rest segment inclination	24°
Shank rest segment adjustment	(gas spring)
Trendelenburg position	15° (electric actuator)
Reverse-Trendelenburg position	17° (electric actuator)
Lateral tilts	25° (electric actuator)
Back rest segment autoregress	120 mm
Thigh rest segment autoregress	90 mm
Bed frame extension	200 mm
Bed frame shortening (option)	100 mm
Permissible load	250 kg
Power supply	230/127/110/100 V ~, 50/60 Hz
Power consumption	350 VA
Protection class against electrocution	I (optionally II)
Application part type	B
Protection degree for environment influence	IP 54 (optionally IP 66)
Castors diameter	single 150 mm double 150 mm (option)



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Closeness

A new standard in delivery rooms

FREYA OVO

Products were made of materials
with antibacterial properties. 



THERE IS NOTHING MORE NATURAL AND MAJESTIC THAN THE CLOSENESS OF A MOTHER AND CHILD

It is a scientific fact that frequent contact of newborns with their mother is a key factor for infant development*. Inspired by this, we created a new delivery room environment. It provides the mother dignity and safety during labour, as well as a high standard of rest. The most important feature of this set is unifying the functions of a hospital bed and a delivery bed, while allowing the infant to stay in the same room as the mother.

* University of Liverpool. "Mother's touch could change effects of prenatal stress." ScienceDaily. ScienceDaily, 16 October 2012. <www.sciencedaily.com/releases/2012/10/121016173130.htm>.
UNICEF/WHO. 2004. Baby-Friendly Hospital Initiative in the U.S.-The ten steps to successful breastfeeding. Retrieved May 31, 2007, from <http://www.babyfriendlyusa.org/eng/10steps.html>.
American Academy of Pediatrics [AAP] Expert Workgroup on Breastfeeding. Breastfeeding and the use of human milk. Pediatrics. 2005;115(2):496-506.
Yamauchi Y, Yamanouchi I. The relationship between rooming-in/not rooming-in and breast-feeding variables. Acta Paediatrica Scandinavica.1990;79(11):1017-1022.



CLOSENESS. SAFETY. DIRECT CONTACT.

Using both the Freya labour bed and the OVO newborn bed makes it possible to create a warm nurturing environment after the delivery for mother and child.

The patient can rest and recuperate with Frey after delivery, because Freya is also a fully functional hospital bed and allows independent control of bed position. The newborn may be placed close to the mother, within arm's reach, as she rests in a safe bed, laying on a mattress specially profiled for her little body.

The mother can change bed position, put the baby on her bed and put her in the OVO crib, all without medical staff assistance. The transparent OVO walls allow constant eye contact, which soothes both the mother and the baby.

Both products can also be customised to further enhance the comfort of mother and baby. Freya can be decorated with beautiful images on the side rails and the top rails, while the top part of OVO bed walls can have images added, and the whiteboard plate makes it possible to write the baby's name, greetings, or a picture. The maternity ward can be as unique as its guests.

Delivery bed

FREYA 3

Safety

- stable pillar construction;
- adjustable height of the sleep surface and possibility of lowering the railings below its level allow the patient to get off of the bed safely;
- control panel allowing the patient to change the bed position on her own or call the staff.

Infection prevention

- plastic parts were made out of antimicrobial materials;
- mattresses were made of antibacterial fabrics and their stitches were glued;
- smooth surface of railings and foot board facilitating cleaning and disinfection.

Ease of use

- several independent control systems;
- intuitive product settings configuration and equipment installation;
- additional, very prominent space for storing the mattress and other useful objects.

Patient's comfort

- comfortable and safe mattresses (for the patient and the baby);
- wide range of bed position configurations;
- possibility of many labour positions;
- big surface for rest and relax before and after labour;
- ease of getting on and off the bed;
- illumination of the lower part of the bed facilitating orientation in the delivery room at night.



Gynaecological examinations



Reclining position



Horizontal position



Sitting position



Internal control panel

External control panel

Panel functions:

Common:

Regulating the resting surface height, regulating the tilt of the back support segment, Fowler position (where both segments rise simultaneously), regulation of the thigh segment tilt

For the patient (internal panel):

Floor illumination, calling the medical staff

For medical staff (external panel):

Reverse Trendelenburg position (white button), Trendelenburg position (red button)

Mattress for newborns
Knee rest
Hand grip
Side rail
Central panel
IV hanger or hand grip socket
Back support segment quick release lever (CPR)
Hooks for drainage bags
Central wheel lock activation lever
A strip for attaching additional equipment
Bumper disc

VERSATILE EQUIPMENT

Freya is a universal product which can act as both a hospital bed and a delivery bed. Versatility is provided through independent control systems (supervisor, cable pilot, external and internal control panels) and a wide array of additional equipment.

Changing the position or configuration of the product can be effected in several seconds. Operating the Freya bed is intuitive and does not require force, and can be effectively operated by a single person. The knee supports (by Geple) with ball mechanism guarantee instant and precise position adjustment.



Standard equipment



Mattress for newborns



Removable plastic inserts and a basin for body fluids



Central control panel (supervisor)



Back support segment quick release lever (CPR)



Foot rests



Knee supports





CLOSE TO EACH OTHER FROM THE EARLY MOMENTS

There is something almost magical in the way child and mother have a positive impact on each other from the first moments after the delivery. They soothe each other, alleviate postpartum shock, promote secretion of appropriate enzymes, and raise resistance to illnesses...

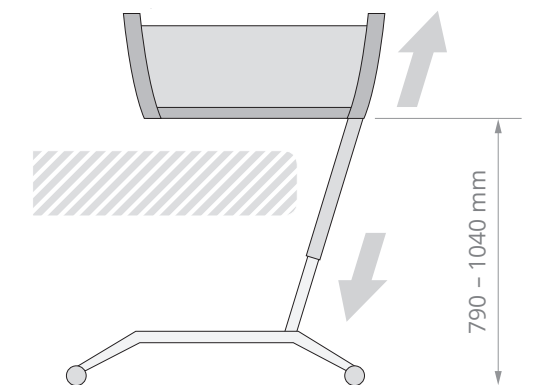
We do not want to interfere in such a perfectly designed process. We prefer to ensure its safety and its comfortable course.

Bed for newborns

OVO

An innovative bed for newborns, its name (Latin “ovo” – an egg, Latin “ab ovo” – from the egg, literally “from the start”) was inspired by the fact that OVO allows almost uninterrupted contact of mother and child from their very first moments together.

OVO is compatible with most products on the market; its low base allows it to move close to any hospital bed, and regulation of the resting surface height ensures safe conditions for moving the baby from his bed to the mother's bed or in the opposite direction. The patient may perform these operations on her own, without assistance.



The OVO resting surface allows height regulation in the scope of 790 – 1040 mm. It can be adjusted high enough to safely put the child above the side rails of most hospital beds.

Safety

A simple, impressive OVO design hides an advanced child safety conception.

- a profiled mattress with a “U” shape cross-section prevents the baby from sliding down;
- brake locked wheels;
- a two-degree mechanism of braking the side wall recline which prevents accidental impacts;
- mattress finish and bed components made in an antibacterial standard.

Create your own arrangement!

Thanks to OVO, the mother now has the possibility of contact with the baby as often as she would like. We give you the possibility to design this product exactly as you would like it to look. There are 6 mattress finish colours to choose from, as well as a set of images that can be placed in the top part of the side walls. We also carry out individual orders exceeding the catalogue offer – inspire us with your ideas!

The offered mattresses colour range

D – AbF 2



D – AbF 5



D – AbF 6





Table lit d'accouchement

LM-01.4

LM-01.0 LM-01.3 LM-01.5



The product was made of materials that possess antimicrobial/antibacterial properties.

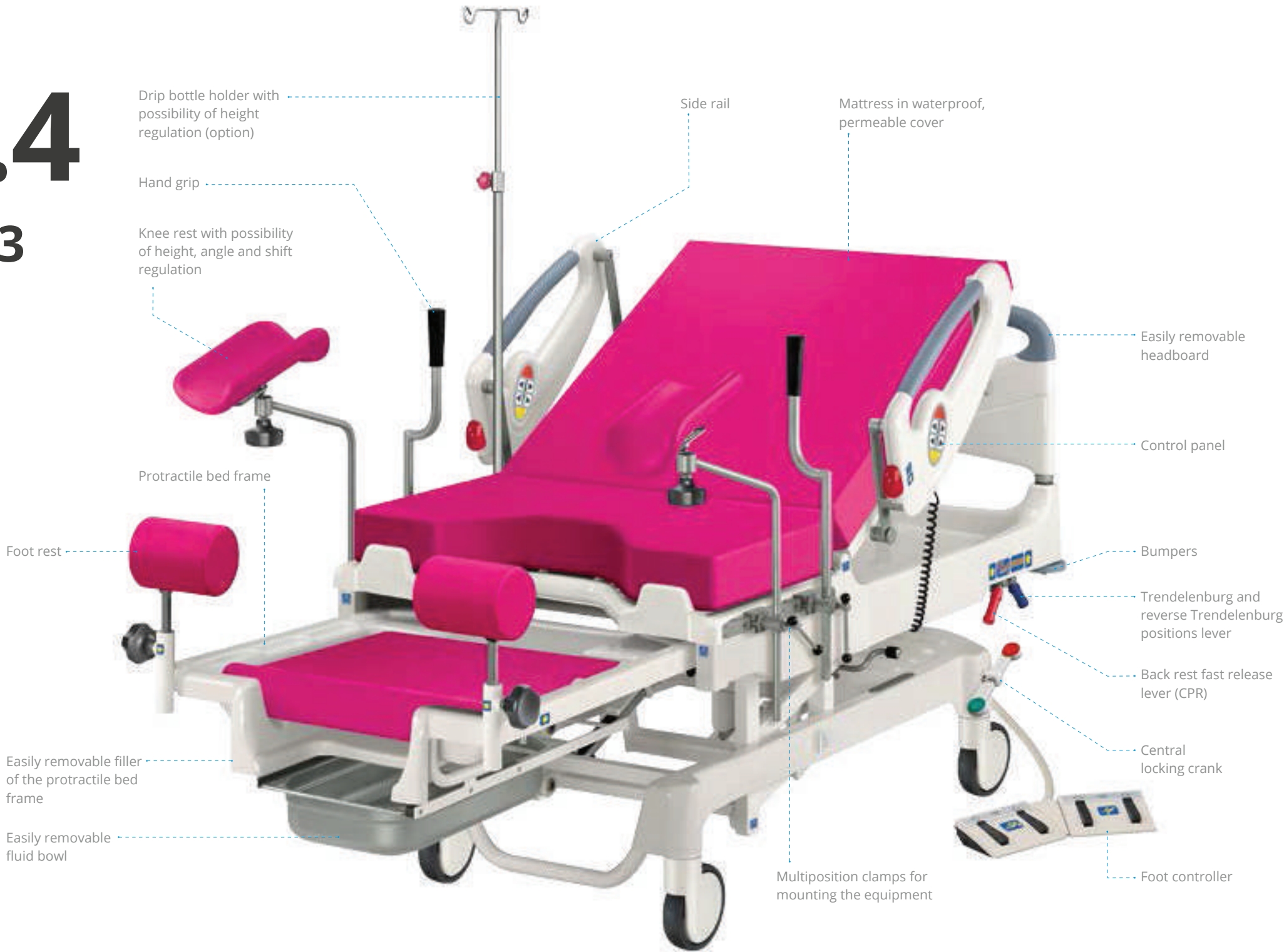
Delivery beds

LM-01.4

LM-01.0 LM-01.3
LM-01.5

Purpose

Delivery beds are designed for patients in maternity-gynaecology wards, in all stages of childbirth: antenatal period, childbirth, postpartum period.



Advantages of delivery beds

- Ensure comfort and safety for patient
- Bed can be easily transformed into a delivery chair
- Equipment enables specialistic examinations whilst offering the most convenient delivery position for the patient
- Easy to operate by medical staff
- Beds are covered with powder varnish resistant to UV, mechanical damages and disinfectants
- ABS covers of seat segment facilitate keeping the chair clean
- Wide range of upholstery colours
- Central wheel locking system guarantees easy and stable positioning of the bed and the directional wheel enable easy maneuvering
- There is a possibility of controlling the electric functions during the power supply failure or even during the movement of the bed – (LM-01.3 and LM-01.4 beds)

Standard equipment



Foot segment, with adjustment of the longitudinal position, with the ability to fully inserted into the seat segment



Pulled out and removable bowl



Easily removable footboard in LM-01.4, LM-01.3, LM-01.5 beds



Central wheels locking. The wheels can be locked in three positions: full rotation, moving straight forward, fully locked



Removable ABS covers of the seat segment and ensure keeping the bed clean



Mattress for a new-born
Can be used to nurse a new-born

Construction of the bed LM-01.4

- Bed is constructed of steel profiles covered with powder varnish and ABS plastic moulds
- Height adjustment, back and seat segment angle inclinations are realized by electric actuators (24 V DC) controlled by central control panel and foot controller
- Control panels in side rails, available from patient and staff side, enables controlling the following functions: bed frame height adjustment, back segment inclination angle, floor lighting switch, alarm (possibility of connection with the nurse call system)
- Trendelenburg and reverse Trendelenburg positions are regulated by gas springs with interlocking
- Back segment with CPR function. Lever of the fast releasing of the back rest (CPR) . This lever is useful especially in critical situations (e.g. resuscitation) and it allows fast flat positioning of the back rest
- Control system with battery
- ABS side rails, the upper polyurethane surface with



Bed LM-01.4

anti-slip pads. Side rails that are fixed to the back segment and lifted up enhance safety of the patient (patient with new-born) and make it possible to change the position of the body. After releasing the locker the rails can be folded down. Possibility of controlling bed's functions from

the side rail enhance the patient comfort

- Bed is equipped with: set of mattresses (two mattresses of bed frame and one for a new-born baby), foot rests, hand grips, knee rests WS-05.6, stainless steel bowl, drip bottle holder

Control panels



Central control panel (retractable under the bed's frame from the head segment side). Depending on bed type this is used to lock and adjust the bed functions as follows: LM-01.3 – height adjustment and back segment inclination, LM-01.4 – height adjustment, back and seat segments inclination



Control panel in side rail. Control panels in side rails of the LM-01.3 and LM-01.4 beds, enables controlling the following functions: bed frame height adjustment, back segment inclination angle, floor lighting switch, alarm (possibility of connection with the nurse call system)

Construction of the bed LM-01.3

- Bed is constructed of steel profiles covered with powder varnish and ABS plastic moulds
- Height adjustment, back segment angle inclinations performed by electric actuators (24 V DC) controlled by control panel in side rails, central control panel and foot controller
- Control panels in side rails, available from patient and staff sides, enable controlling the following functions: bed frame height adjustment, back segment inclination angle, floor lighting switch, alarm (possibility of connection with the nurse call system)
- Trendelenburg and reverse Trendelenburg positions are regulated by interlocking gas springs
- Back rest with CPR function. Lever of the fast releasing of the back rest (CPR) . This lever is useful especially in critical situations (e.g. resuscitation) and it allows fast flat positioning of the back rest
- Control system with battery
- ABS side rails, the upper



Bed LM-01.3

polyurethane surface with anti-slip pads. Side rails that are fixed to the back segment and lifted up enhance safety of the patient (patient with new-born) and make it possible to change the position of the body. After releasing the locker the rails can be folded down. Possibility of

controlling bed's functions from the side rail enhance the patient comfort

- Bed is equipped with: set of mattresses (two mattresses of bed frame and one for a new-born baby), foot rests, hand grip, knee rests WS-05.6, stainless steel bowl, drip bottle holder



Floor night lighting offered in beds LM-01.3 and LM-01.4 ensures patient safety at night and also makes nurse care easier. The light is activated from the side rails



Foot controllers are used to adjust the following bed functions:
① LM-01.3 – height adjustment and back segment inclination
② LM-01.4 – height adjustment, back and seat segments inclination

Construction of the bed LM-01.5

(bed without the electric actuators)

- Bed is constructed of steel profiles covered with powder varnish and ABS plastic moulds
- Back segment inclination angle regulated by interlocking gas springs
- Height adjustment of the bed performed by a hydraulic pump regulated by a foot crank
- Trendelenburg and reverse Trendelenburg positions are realized by interlocking gas springs
- Wall fenders mounted on the bed corners in the head part of the bed
- Removable ABS covers of the seat segment and protractile frame ensure keeping the bed clean
- Leg segment can be pulled under the seat segment
- Detachable foot and head boards
- ABS side rails, the upper polyurethane surface with anti-slip pads. Side rails that are fixed to the back segment and lifted up enhance safety of the



patient (patient with new-born) and make it possible to change the position of the body. After releasing the locker the rails can be folded down. Possibility of controlling bed's functions from the side rail enhance the patient comfort

Bed LM-01.5

- Wheels with a central locking and with one directional wheel
- Bed is equipped with: set of mattresses (two mattresses of bed frame and one for a new-born baby), foot rests, hand grips, knee rests WS-05.6, stainless steel bowl

Optional accessories

- Holder for squatting position WL-41.5 (option)
- Drip bottle holder with possibility of height regulation (option)
- Adapter WK-15.0 (option)
- Trolley for accessories WL-22.0 (option)



Drip bottle holder
WK-08 – (LM-01.3, LM-01.4, LM-01.5)
WK-16.0 – (LM-01.0)

Construction of the bed LM-01.0

(bed without the electric actuators)

- Bed is constructed of steel profiles covered with powder varnish
- Back segment inclination angle regulated by gas springs with interlocking
- Height adjustment of the bed frame realized due to hydraulic pump regulated by foot crank
- Trendelenburg and reverse Trendelenburg positions are realized by gas springs with interlocking
- Wall fenders mounted on the bed corners in the head part of the bed
- Removable ABS covers of the seat segment and protractile frame ensure keeping the bed clean
- Leg segment can be pulled under the seat segment
- Detachable chromium plated head and foot boards filled with laminated board
- Chromium plated side rails filled with laminated board. Side rails are fixed to the back segment and lifted up enhance safety of the patient (patient with new-



born) and make it possible to change the position of the body. After releasing the locker the rails can be folded down

- Wheels with a central blockade and with one directional wheel

Bed LM-01.0

- Bed is equipped with: set of mattresses (two mattresses of bed frame and one for a new-born baby), foot rests, hand grips, knee rests WS-05.6, stainless steel bowl



Holder for squatting position
WL-41.5 (option)



Adapter WK-15.0 (option) for mounting
drip bottle holder from head side



Trolley for accessories
WL-22.0 (option)



The products comply with the requirements of MDD 93/42/EEC
European Directive on medical products and the Act on medical products

Version 04/2015/01. We reserve the right to modify the document due to technical advances.





Gynaecological chairs

FG-05
FG-07



The product was made of materials that possess
antimicrobial/antibacterial properties.

Gynaecological chairs

FG-05 FG-07

Purpose

Gynaecological chairs FG-05 and FG-07 have been designed to support patients during gynaecological and urological procedures.



Chair FG-05 with foot rest without the arm's length regulation WF-36.0



Chair FG-07 with hand rests and knee rests WF-42.0



Chair FG-05 with hand rests and knee rests WF-42.0



Chair FG-07 with leg plate WF-22.2

Standard construction

- The chairs are made of varnished steel profiles covered with ABS covers
- Height adjustment of the seat segment in the chair FG-05 is performed through a hydraulic actuator using a foot operated lever
- Height adjustment of the seat segment in the chair FG-07 is performed through a 24V DC electric actuator using a foot operated controller
- Inclinations of back and seat segments as well as Trendelenburg and reverse Trendelenburg positions are realized smoothly by means of interlocking gas springs
- The chairs are equipped with: seamless upholstery, stainless steel gynaecological bowl, paper sheet holder situated behind back rest and medical rails for mounting equipment in the seat rest

Advantages of the chairs FG-05 and FG-07

- Ensure full safety of the patient
- Electric actuator in the chair FG-07 allows to obtain and hold the required height of the chair precisely, securely and without any effort from staff
- Hydraulic actuator in the chair FG-05 allows to obtain and hold the required height of the chair precisely and surely
- Interlocking gas springs assist the adjustment of the back and seat rests as well as Trendelenburg and reverse Trendelenburg and guarantee stable holding of the required position of segments
- Possibility of choosing variable upholstery colours
- Seamless upholstery and shapes of covers make it easy to keep the chairs clean
- Applied materials are resistant to different cleaners
- Wide range of equipment allows the user to choose the optimum version of the chair

Additional equipment

- Hand rests together with knee rests WF-42.0
- Foot rest without the arm's length regulation WF-36.0
- Foot stool with laminated board WF-03.5
- Foot stool with upholstered board WF-03.3

- Foot stirrup WF-23.0
- Leg plate WF-22.2
- Drip bottle holder WK-01.5
- Angle arm rest WS-07.5
- Urological bowl WF-52.0



Urological bowl WF-52.0 (option)



Paper sheet holder



Foot stirrup WF-23.0 mounted on a knee rest support (option)



Foot stool WF-03.5 (option)
Foot stool with upholstery WF-03.3 (option)

Technical data

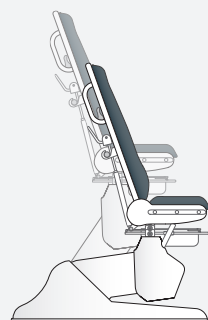
FG-05

FG-07

Total length in horizontal position:		
• with leg plate	1740 mm	1745 mm
• without leg plate	1275 mm	1285 mm
Total seat width	780 mm	780 mm
Seat width (upholstery)	560 mm	560 mm
Seat height adjustment (horizontal position)	720 to 1030 mm	660 to 1060 mm
Back rest inclination	70°	70°
Seat segment inclination	-14° to +18°	-14° to +18°
Trendelenburg position	18°	18°
Reverse Trendelenburg position	14°	14°
Power supply	–	230/127/110/100 V ~, 50/60 Hz
Power consumption	–	300 VA
Protection class against electrocution	–	II
Application part type	–	B
Protection degree for environment influence	–	IP X1
Permissible load	175 kg	175 kg
Gynaecological bowl capacity	9 l	9 l



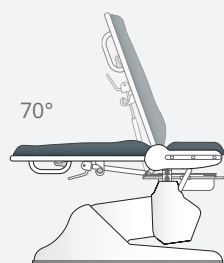
Functions executed with use of the foot controller (FG-07) and hydraulic foot pump (FG-05)



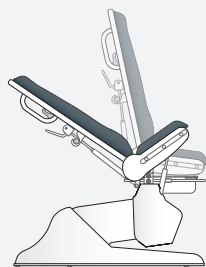
FG-05: 720 to 1030 mm
FG-07: 660 to 1060 mm



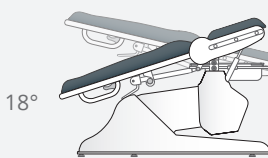
Functions executed manually



70°



-14° to +18°



18°

14°



The product meets the requirements of the European Directive MDD 93/42/EEC concerning safety of medical devices

Edition 03/2016/01. Famed Żywiec reserves the right to make modifications in the products in the course of technical progress. All illustrations and photos, used in this material, are for illustration and may not accurately depict the actual product.





Ophthalmic and
laryngological chair

FL-02
FO-02



The product was made of materials that possess
antimicrobial/antibacterial properties.

Ophthalmic and
laryngological chairs

FL-02 FO-02

Purpose

The chairs are designed to optimally position patients during ophthalmic or laryngological examinations.

Chair FL-02



Chair FO-02



Standard construction

- Construction of the chairs is made of steel covered with powder coating in RAL 9002 colour
- The covers of the base, back rest and seat are made of ABS in RAL 9002 colour
- Seamless upholstery, seat, back rest and head rest are covered with artificial leather offered in wide range of colours to be chosen from Famed Żywiec Sp. z o.o. upholstery sample-card
- Rotation of the chairs is blocked by a screw mechanism
- Height and the angle of the profiled head rest are regulated manually

Features of the chairs

- Both chairs have possibility of left and right 90° seat rotation in relation to the base.
- In the chair FO-02 the seat height is adjusted by a foot operated hydraulic pump and the back rest inclination is supported by gas springs with locking mechanism.
- In the chair FL-02 the seat height and the back rest inclination are adjusted by electric actuators from a foot-operated controller
- Hand rests of the chairs FO-02 and FL-02 are deflectable and can be easily disassembled
- All the used upholstery materials, plastic elements and elements with protective coatings both lacquered and chromium plated are easy to clean and can be disinfected

Standard functions and solutions



Deflectable and removable hand rests. Possibility of deflecting and removing allows for a convenient access to the patient.



Head rest adjustment



Head rest adjustment and back rest lever in FO-02



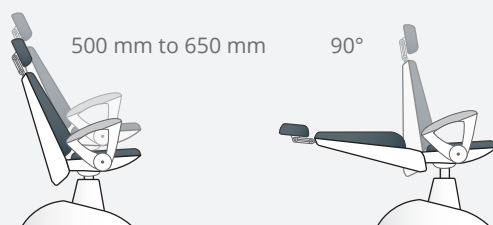
Foot rest for FL-02 (option)

Technical data

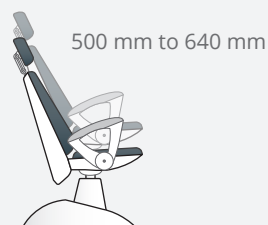
Width of the seat	540 mm
Seat height adjustment in FL-02	500 mm to 650 mm
Seat height adjustment in FO-02	500 mm to 640 mm
Back rest segment inclination in FL-02	90°
Back rest segment inclination in FO-02	45°
Height adjustment of head rest	110 mm
Rotation of seat segment	±90°
Maximum permissible load	160 kg
Power supply in FL-02	230/127/110/100 V ~, 50/60 Hz



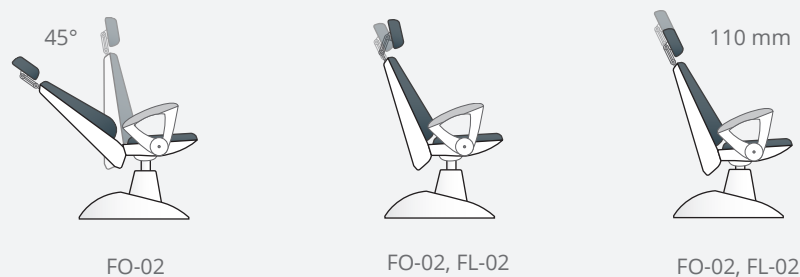
Functions of the chair FL-02 adjustable by a foot-operated controller



Functions of the chair FO-02 adjustable by a foot-operated pump



Functions of the chairs adjustable manually



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