



PRODUCT GUIDE **2024**



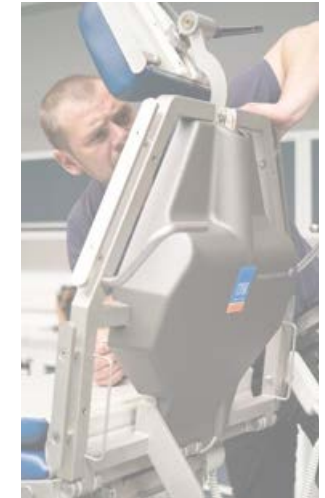
SURGICAL CHAIRS & TABLES FOR EYE- & MICROSURGERY

ENJOY QUALITY AND DESIGN

2024 V03

E

About us



"We build treatment chairs and surgical chairs for physicians and patients with a keen understanding of quality and outstanding comfort!"

Christian Scherrieble

"We develop products for the most brilliant machine there is – the human body."

Jürgen Scherrieble





We started out with a vision - “Designed from the practice - for the practice”

UFSK-OSYS has been developing highly specialized mobile treatment and surgeon’s chairs for ophthalmology for almost 30 years - in close cooperation with renowned ophthalmic surgeons. We believe in never losing sight of what really matters, while keeping a keen eye on the latest advances in medicine. Our core competency: the precise and safe positioning of both patient and surgeon for eye surgeries and microsurgical procedures in the head area. To address this challenge, we build tailor-made work platforms offering the latest in technical and functional sophistication while making your OR management super efficient.

The “Mobile Table Rotation” is our signature workflow concept designed to handle rapid surgery cycles with high patient turnover. This concept has been one of our international bestsellers for years, especially in the field of ophthalmology! Thanks to state-of-the-art materials and sophisticated technical details, our equipment is durable and easy to maneuver at the same time while helping to make your “surgical rotation schedules” efficient and back-friendly.

UFSK-OSYS treatment and surgeon’s chairs - “Made in Germany” - are used all over the world and are supported by a network of qualified **UFSK-OSYS** service partners around the globe.

We have good reason to be proud of this market presence, which is the fruit of our long-standing quality policy and customer-focused corporate philosophy. Whether in development, design and product approval or production, sales, logistics and after-sales - we believe in adding our own design contributions to all areas, and we believe in optimizing, communication and confidence building.

We believe that this is the way to create the best and most exciting products - the result of good cooperation and mutual inspiration!

Come and discover our latest ideas!

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400 XL	50
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Surgeon's chairs

premiumLine

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Assistant's chairs

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supportLine

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Disposables and practice equipment

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Facts



Ophthalmic surgery

Core competence

Ophthalmology

UFSK-OSYS has been developing exclusive mobile treatment and surgeon's chairs for 30 years in close cooperation with internationally renowned eye surgeons, true to the motto:

"Designed from the practice - for the practice"

Considering the very high patient turnover in this medical field and the global use of our products, we want to offer our customers a service friendly technology designed to state-of-the-art quality standards.

Every minute counts



Less and less time for more and more patients? Tight calculations and falling return on investment? Clinic-friendly rotation systems are a big help for cutting down on average surgery times because every minute counts.

3 *UFSK-OSYS treatment chairs per OR on average.*

30 *cataract surgeries per day.*

Further medical specialties



I.V.I. treatment



Neurosurgery
Microsurgery



Dental surgery
Implantology
Oral surgery



ENT surgery

Optimized workflow

While you are operating on a patient, another patient can be prepared while yet another patient can recuperate. Your patient never needs to leave his or her seat. With the simple push of a button, You can conveniently adjust the treatment chair into operating table position - comfort right from the start.

Well over

15.000 *UFSK-OSYS operating systems worldwide.*

4.000 *UFSK-OSYS equipped operating rooms.*

Well over **7.000.000** *operating cycles on UFSK-OSYS operating systems per year.*

Surgery according to the principle of rotation

Thanks to the mobility of **UFSK-OSYS** treatment chairs, patients can be pushed directly from the preparation room into the operating room - without having to get up. After surgery, patients can be taken to the recovery room on the same chair. This quickly frees up your operating theater for the next patient. What better guarantee for a high patient turnover - while saving you time and money!

1 Simple and secure access

The low access and sitting height support even physically handicapped patients while getting into the chair.



2 Innovative patient transport

The "intelligent" chassis ensures effortless patient transport even through narrow passages and on longer routes.



3 Preoperative preparation

Headrest, backrest, seat surface, footrest and total height are infinitely adjustable via electric motors - at the touch of a button - allowing you to immediately create the perfect surgery conditions for surgeon and patient alike - without losing unnecessary time.



**PREPARE, OPERATE,
RECOVER ON
ONE CHAIR**

MOBILE TABLE ROTATION

6 Comfortable and convenient exit

The treatment chair automatically adjusts to the exit position allowing patients to depart easily and safely.



5 Enhanced postoperative relaxation

From the operating room directly to the wake up phase, allow your patients to start recuperating right away in an anatomically correct relaxation position which is initiated at the touch of a button - without need of first shifting or relocating the patient.



4 The perfect surgical position

Utilizing the chair's memory function, a surgeon can retrieve his or her ideal patient position at the push of a button. Total ergonomic design ensures outstanding comfort - before, during and after a procedure.



Corporate philosophy



Our highlights



Battery technology

usage, independent from electricity supply - powerful and eco friendly



e-drive

The electronic pushing aid, easy patient transfer - without much effort!



Memory-position and Auto-Run-function

for frequently used treatment positions - time saving and useful



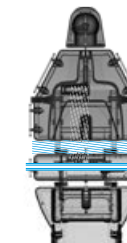
Sterile controlling

made easy - with pop-up operation, joystick or foot pedal rocker switch



Steering-Guide function

easy steering - without great effort!



"SES" Surface-Extensions-System

For sliding the patient safely and comfortably into new positions

Innovations

Intelligent solutions for your workplace

In constant search for perfection, we specify innovative details in our designs and functionality of our products. For even more

- Mobility
- Ease of use
- Comfort in seating and reclining
- Corporate healthcare



Know-how and precision

Intelligent design that promotes mobility

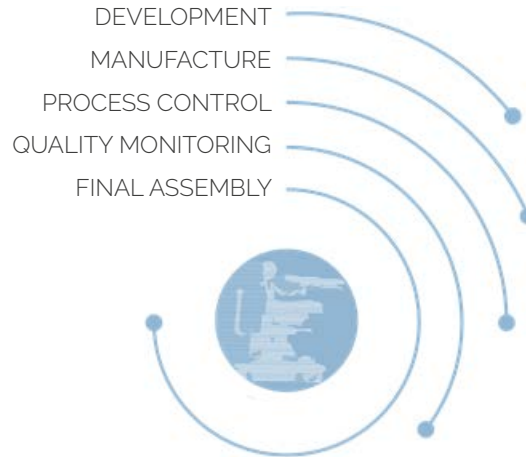
UFSK-OSYS Practical Intelligence

Design and production

Developing and manufacturing treatment and surgeon's chairs of sophisticated and sustainable product quality has been our top priority for years. We believe in your ideas and suggestions as an excellent opportunity for continuously improving our products - to give you the best possible equipment to work with.

We design and build our products in small series for maximum quality monitoring and process control. Every single piece of equipment undergoes 100% check-out!

UFSK-OSYS manufactures more than "tables and chairs". World-class medical and technical equipment. In **premiumLine**, **performanceLine** and **functionalClass** Quality.



Preventive technology



Reduced illness rate and improved productivity

We developed both our treatment chairs and tables and our surgeon's chairs and assistant chairs based on empirical studies - especially for eye and micro surgery. When designing and engineering our products, we paid special attention to the physical strains caused by poor posture in daily work life. Our products make it so easy to prevent back and neck problems, intervertebral disc problems, or fatigue symptoms.

- High-precision armrest systems with featherweight guidance for personalized positioning
- **e-drive** system
- Steering Guide
- Adequate seat inclination
- Lumbar support
- Lightweight chassis



Patient-oriented perfection in every detail

Investment

Investing with foresight into the future

In 2020, we expanded our production facilities and capacities at the Regensburg site for the third time, thus creating the spatial and personnel resources for the sustained positive further development of our company. For even more efficiency and performance!



UFSK-OSYS quality



Quality monitoring

We define "quality" not only by the end product but in all processes, and we are dedicated to continuous improvement. We believe in supreme quality - both in our products and in our services - and we dare you to put us to the test! Our certified QM system meets the requirements of ISO 13485:2016, i.e. it meets the particular performance and safety criteria imposed for the development, manufacture and sale of medical devices.

Beyond complying with the technical product standards (DIN/EN/IEC) and legal conformity requirements (CE, FDA, etc.), we are living these quality standards. Both "before" and "after" a customer's purchase, **UFSK-OSYS's** staff makes sure of giving the best possible support: best-possible choice of products, regulatory support, shipping, and after-sales service.



Modern logistics and international sales

Worldwide shipments - fast and reliable

Every year, we dispatch about 1,000 bulk deliveries and 2,000 packages - including urgently needed spare parts, medical accessories - as well as demo, replacement and rental equipment.

Deliveries of goods and services in the medical sector do not tolerate any delay - this is one of our guiding principles. Our contribution to this: a well-stocked, monitored spare parts management system and fast response times.



UFSK-OSYS business intelligence

Communication as added value

We believe in long-term, fair and successful cooperation with our customers as our number-one priority governing all of our actions.

In addition to our know-how and long-standing experience, we believe especially in identifying your needs and expectations, and to make them a reality - in an exciting and exuberating joint effort. The secret of our success: keeping in touch and keeping up the dialogue.



"Big enough to be everywhere - small enough to stay in touch"

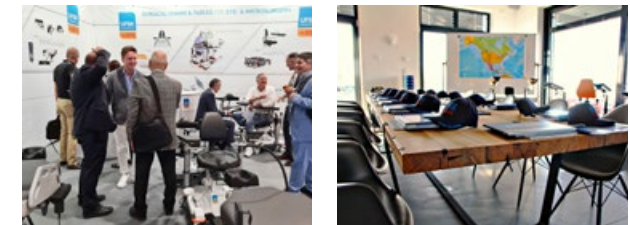
UFSK-OSYS after-sale

Service

We are connected to our customers 24/7 via our worldwide distributor network. Don't hesitate to use our customer hotline and online support. We offer regular live webinars, especially for our distributors.



Come and visit us at international trade conferences or at our Regensburg training center.



premiumLine

Our top model

As the fruit of our decades of experience in the field of ophthalmic and microsurgery, we have managed to design the absolute high-end, top quality model. Allow yourself to be swept away by the innovative materials, the visionary shapes, the elegant design and the sophisticated extra functions.

Set new standards in your operating room!

Come and discover the *eyeForce*, and be dazzled by its economy, effectiveness and quality. It is synonymous for top quality. Optionally equipped with our *e-drive* system, it is the only treatment chair in ophthalmic surgery business that comes with an automatic easy-push aid. It is the *e-drive* that moves, not the human!

Demand the best!



The "Preventive Technology" award reflects uncompromising lightweight construction, outstanding ergonomic operability, comfortable patient positioning and space-saving design. Back diseases of your operating theater staff are now a thing of the past.

This is our contribution to effective health and safety in the workplace.

**High end quality for
ophthalmic surgery**

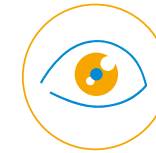
eyeForce

Item No.: 1800 0000



eyeForce + e-drive

Item No.: 1800 0000 + 3316 0000



Ophthalmic surgery



Dental surgery
Implantology
Oral surgery



ENT surgery



The professional world is excited and has honored us with an award!

Our *premiumLine* eyeForce treatment chair was awarded the **i-NOVO® Awards Tech Winner** Innovation Prize - in recognition of the rational design and extremely high-quality workmanship. We feel honored by this recognition and award.

eyeForce

Item No.: 1800 0000

Our most innovative and modern patient positioning system with auto-run functions - specialized for precision surgery in head area. With optional *e-drive* easy-push aid, Steering Guide and SES automated extension system - for even more ergonomics and economy at your workplace.

**Trendsetting comfort
and supreme quality**



MED.TEC at its highest level

Double castors

Four fully rotating double-run castors for back-friendly and easy rolling motion.



Chassis

Precision lightweight chassis made of cast aluminum.



Frame

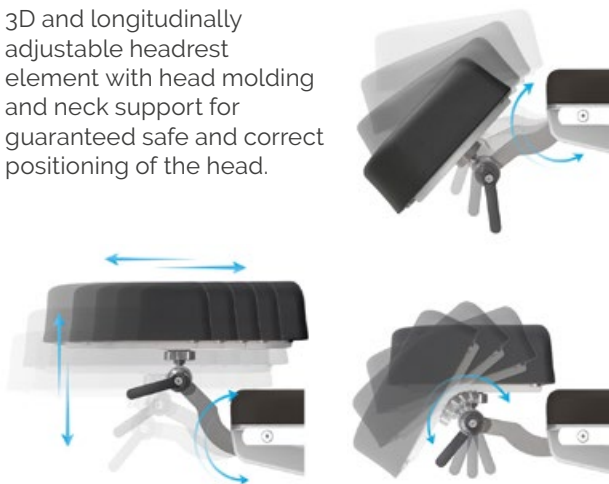
Lasercut procedure. Highly stable stainless steel frames. Including standard rails 25 x 10 mm for the attachment of a wide range of components.



Precise positioning of the head part

Headrest

3D and longitudinally adjustable headrest element with head molding and neck support for guaranteed safe and correct positioning of the head.



Components

Headrest with ball joint and more

Discover additional features and extensive components on page 22.

Item No.: 3351 1020



Sterile adjustment by surgeon/maximum legroom



Tiltable foot control

Tiltable foot keypad via two 4-way joysticks plus activation switch allow sensitive and precise chair adjustment even after the surgeon is already steril. Pushing the pedal lip (by foot) will activate the electronic control and battery mode of the equipment.

Positioning

The **eyeForce** treatment chair is adapted for patient positioning and ergonomic and comfortable patient treatment, in particular for outpatient surgical techniques, and offers versatile adjustment of the head, back, seat and leg sections and overall chair height for patient transport.

- Five freely configurable memory positions
- Reset button
- Auto run function
- Battery charge indicator

Positioning by hand control

Standard recommended memo keys



Hand control

Activate memory function/automatic movement

It is possible to save 5 MEMO positions: Set the desired position (hold down the MEMO key until the orange LED lights up). Then press the numeric key of a memory location for a MEMO position - the MEMO position is now saved.



Press and hold "AUTO" until the LED lights orange, then briefly tap on either 1, 2, 3, 4 or 5 to move to the desired position of the treatment chair.



All castors are braked (red)



“Steering Guide” maneuvering aid



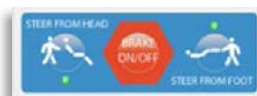
Operation via push handles and hand control

The **eyeForce** treatment chair offers an electronically controlled braking system with “Steering Guide” function. In addition to “free movement” and “brake applied” the treatment chair offers directional guidance as an additional electronic wheel positioning function. This additional function facilitates the controlled maneuvering of the chair by just one person and can be activated from both sides of the chair via the chair handles or optionally via the hand control.

Directional guidance is activated (orange)



Directional guidance is deactivated (green)



Pushing from the head direction



Pushing from the foot direction



Surface-Extensions-System “SES” positioning aid

Automated solution for patient positioning

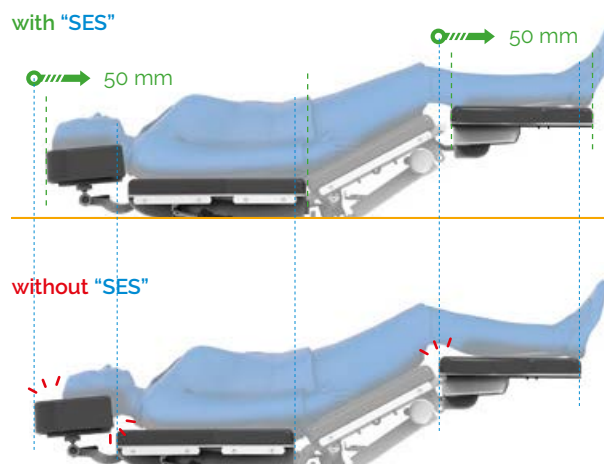
Both the backrest and the legrest segments automatically move 50 mm along with the patient when moving the chair into the reclined or entry position. The “SES” avoids patient repositioning, which would otherwise be necessary, by extending and flexing the individual segments. Returning the leg segment to the entry position reduces the entry height by an additional 50 mm.

Retractable push handles

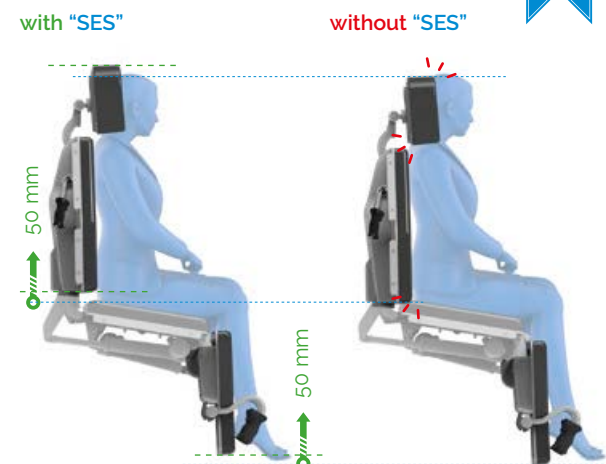
Manually adjustable push handles on the foot end with automatic return function, for easy patient transfer.



Movement in reclining position



Movement in entry position



eyeForce + e-drive

Item No.: 1800 0000 + 3316 0000

Powerful yet gentle.

e-drive system for effortless and rapid movement of the chair over long distances. The new optional system consists of a 5th wheel with drive motor. It serves as a pushing aid for easy forward and backward movement – with an extra range of 2 kilometers per battery charge. The system's operation is identical to that of the "Steering Guide" system, via the respective push handles with potentiometer for infinite and precise speed adjustment. It is possible to integrate the system any time at a later date.



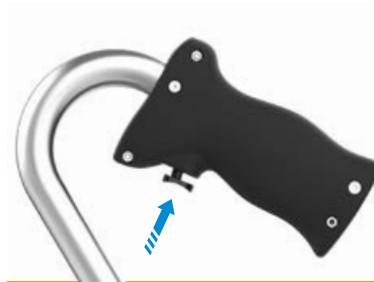
The electronic push-aid

Control over push handles

Push handle at the left head/foot end with a rocker switch for moving the treatment chair forward and back.



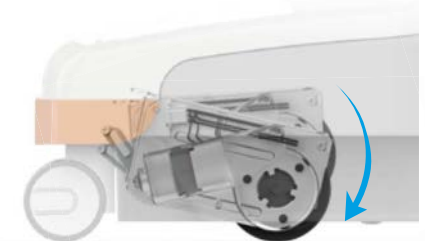
Push handle at the right head/foot end with a potentiometer for speed control.



Low-noise movement/trackless movement

By switching on the fifth electronically drive wheel in the chassis of the chair, the physical labor of the **person doing** the pushing is noticeably reduced.

- Shock-free transport
- Long-lived design
- Optimum floor contact
- Long range



The ease of pushing - How much force is needed to move 300 kg? - Zero.

Who would have thought this is possible?

This is how far your staff pushes a load of 300 kilograms per year:

- approximately 70 meters per surgery round
- up to 10,000 surgeries per year each

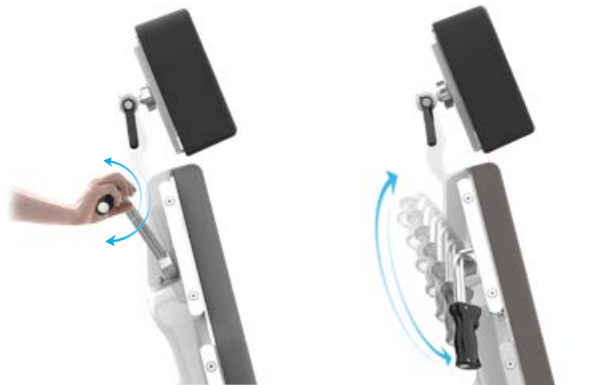
This results in up to **700 km per year!**



More than 1,000 **eyeForce** with **e-drive** are already in use in eye clinics all over the world: up to **700,000 kilometers per year!**



Push handles 2.0 - perfect interaction - top-of-the line mobility and ergonomics.



More legroom in the operating room! Space-saving. Fold-down handles on the head end.



Solid, ergonomically shaped handles at optimized pushing height.



Technical specifications

Chassis

- Outside length 900 mm
- Outside width 662 mm
- Brake system acting on all four castors
- Directionally guided steering ("Steering Guide"), easily activated at the push of a button
- Castor diameter, electr. conductive \varnothing 150/100 mm
- Foot control element with joystick (total, head, back, Trendelenburg up/down)
- Emergency stop button
- Optional push-aid (*e-drive*)
- With equipotential bonding connection
- Abrasion-resistant corner guards (orange) made of synthetic rubber

Upper frame

- 4-part support frame (head, back, seat, leg part)
 - Removable upholstery 40 mm
 - Width of upholstery 650 mm
 - Standard stainless steel side rails on both sides 25 x 10 mm
 - Width incl. norm rails 700 mm
 - Length 1,780 – 1,900 mm
- | | Angle | Dimensions (L x W) |
|---------------------|----------------------------|--------------------|
| • Head part | -31°/+22° | 255 x 245 mm |
| • Back part | 0°/+75° | 540 x 650 mm |
| • Seat part | -6°/+26° | 450 x 650 mm |
| • Leg part | 0°/-78° | 510 x 610 mm |
| • Height adjustment | | 640 – 900 mm |
| • Entry height | | 580 mm |
| • Legroom | | 470 – 730 mm |
| • Trendelenburg | -26°/Reverse Trendelenburg | +6° |

Electrical control

Manual keypad

- Memory controller with 10 buttons for head, back, seat, leg part – total up/down; 2 buttons for directionally guided steering, 1 button for electronic brake, 1 easy entry button, memory button, on-off button, auto-run function
- 5 freely programmable memory positions
- Visual battery level indicator

Foot control element

- Foot control element 2 joysticks plus activation switch
- Optional push-aid (*e-drive*)

Electric drives

- Head, back, seat, leg part, total up/down
- Trendelenburg/Reverse Trendelenburg

Trendelenburg/Reverse Trendelenburg



Back part/leg part



Height adjustment



Powerful accumulators

- Power supply-independent battery unit with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free
- Quick-exchange battery drawer replaceable without tools
- Universal battery charger

Input: 100 – 240 V
Output: 24 V

Operating time per battery charge

- Measured by operating circle (Prepare-Operate-Recover) 100 OPs
- Quantity of operating circles depends on individual operation

Max. load 250 kg

Weight 163 kg

Subject to technical modifications.

Mains-free operation

Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board.



Simple battery replacement

An additional quick-exchange drawer (including batteries) allows you to quickly replace the rechargeable battery packs (back-up system **Item No.:** 3339 0000 on page 22).



Equipment protection

Cover drapes *stayClean*

2,000 x 730 mm, box à 160 Pieces
4 x 40 Pieces **Item No.:** 3034 0014

Page 102



Upholstery/color card

Standard color anthracite **Item No.:** 3037 0052

„skai® Tundra“
on page 96

„skai® Pandoria Plus“
on page 97



Components



eyeForce

Item No.: 1800 0000



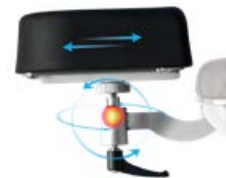
e-drive,
upcharge

Item No.: 3316 0000



Backup battery drawer
incl. batteries

Item No.: 3339 0000



Headrest with ball joint,
360° all-round adjustment,
factory-fitted

Item No.: 3351 1020



Side parts right and left,
580x200 mm,
incl. quick-release clamp for
mounting on norm rail

Item No.: 3351 0050



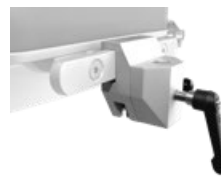
Side rails right and left,
swiveling incl. locking,
upholstered

Item No.: 3102 0000



Anesthesia arm board
with universal joint,
incl. mounting clamp

Item No.: 3011 0000



Mounting clamp polished
aluminium, with quick clamp
lever for norm rail 25x10 mm,
incl. locking device

Item No.: 3090 0000



Flexible surgical drape
support rod (mounting clamp
3090 0000 not included)

Item No.: 3032 0000



Flexible surgical drape
support rod, with air
connection (mounting clamp
3090 0000 not included)

Item No.: 3033 0000



Hand control holder,
PVC
(mounting clamp 3090 0000
not included)

Item No.: 3018 0009



Hand control holder for
attachment onto an I.V. Pole
Ø 25/18 mm, PVC

Item No.: 3027 0006



Head part bumper
stainless steel

Item No.: 3028 0000



Wrist rest, adjustable,
incl. mounting plate
3013 0000,
adjustment 115 mm

Item No.: 3014 0000



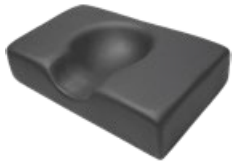
Wrist rest, adjustable, tiltable,
incl. mounting plate
3013 0000,
adjustment 115 mm

Item No.: 3014 0005



Mounting plate stainless steel,
for wrist rest 3014 0000 and
3014 0005

Item No.: 3013 0000



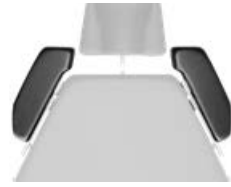
Head fixation pillow with hollow (rubins pillow), 410x250 mm, height 100 mm, factory-fitted

Item No.: 3022 0000



Facial pillow, horseshoe-shaped, incl. adapter plate, factory-fitted

Item No.: 3351 1016



Shoulder parts, right and left

Item No.: 3043 0000



Instrument table 500x300x15 mm, height adjustable, swiveling, detachable, incl. component arm

Item No.: 3065 0003



Component arm stainless steel, swiveling, incl. extendible I.V. Pole Ø 25 mm

Item No.: 3024 0000

Medical device



Instrument table *supportLine* height adjustable 730-1,000 mm

Item No.: 3351 0026

PREMIUM
LINE



Wrist secure straps, pair

Item No.: 3015 0000



Body strap silicone incl. clamp

Item No.: 3351 1044



Foot protection foil

Item No.: 3328 0000



Foot part extension, attachable, incl. norm rail

Item No.: 3351 0002



Step

Item No.: 3351 0042



Knee half roll, 600x280x140 mm, PUD-coated

Item No.: 3019 0000



Knee roll round, 500x150 mm, PUD-coated

Item No.: 3050 0000



Upholstery incl. integrated knee roll, factory-fitted

Item No.: 3037 0266



Trapeze cushion, wedge, for back/seat part

Item No.: 3351 1052



Cylinder holder

Item No.: 3072 0001

performanceLine

Our classic

It represents proven and time-tested technology in a modern design, it is deliberately low-tech, and it offers an extremely attractive price-performance ratio.

Its chief benefits include space-saving design and outstanding maneuverability coupled with a lean range of easy-to-manage functions.

Do you want flexible use in confined spaces with power-supply independent battery operation?

Then you should go for our classic: The **500 XLE** or **500 XLE comfort**, for optimal combination with our **surgiLine** and **surgiTrend** surgeon's chairs.

performanceLine systems are designed for user satisfaction

Designed for continuous use in serially equipped operating rooms with high patient turnover, the **performanceLine** satisfies every user thanks to its easy handling before, during and after the surgery.



An award-winning "Preventive Technology", the **performanceLine** works hard to protect your surgical staff from back problems, thanks to its lightweight construction and easy maneuverability.

**Less is more -
more benefits**

500 XLE comfort

Item No.: 1500 0006
+ 3037 0080



500 XLE

Item No.: 1500 0006



Ophthalmic surgery



Dental surgery
Implantology
Oral surgery



ENT surgery

500 XLE

Item No.: 1500 0006

The perfect reclining treatment chair for rotation systems in outpatient operating rooms.

**Powerful
and agile**



MED.TEC at its highest level

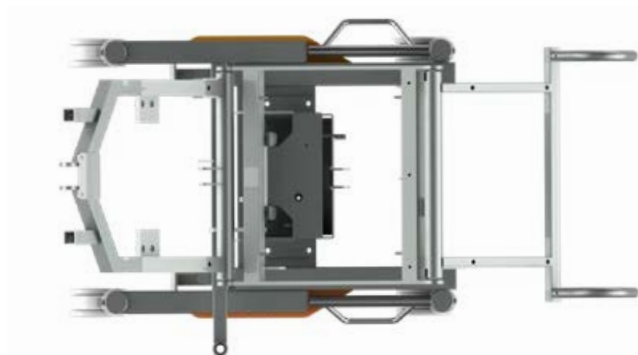
Double castors

Four fully rotating double-run castors for back-friendly, easy rolling motion.



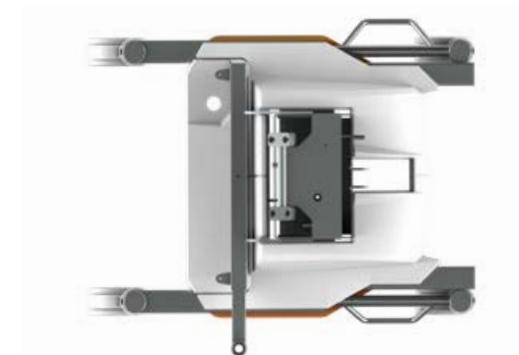
Chassis/frame

Precision steel frame chassis, zinc primed with anthracite textured paint coating.



Chassis cover/upholstery

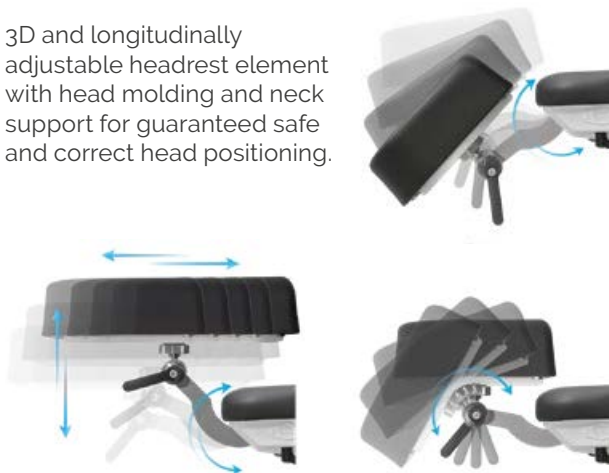
The mirror-finish plastic cover panels with their scratch-resistant and impact-modified surface finish are extremely hygienic and easy to disinfect.



Precise positioning of the head part

Headrest

3D and longitudinally adjustable headrest element with head molding and neck support for guaranteed safe and correct head positioning.



Components

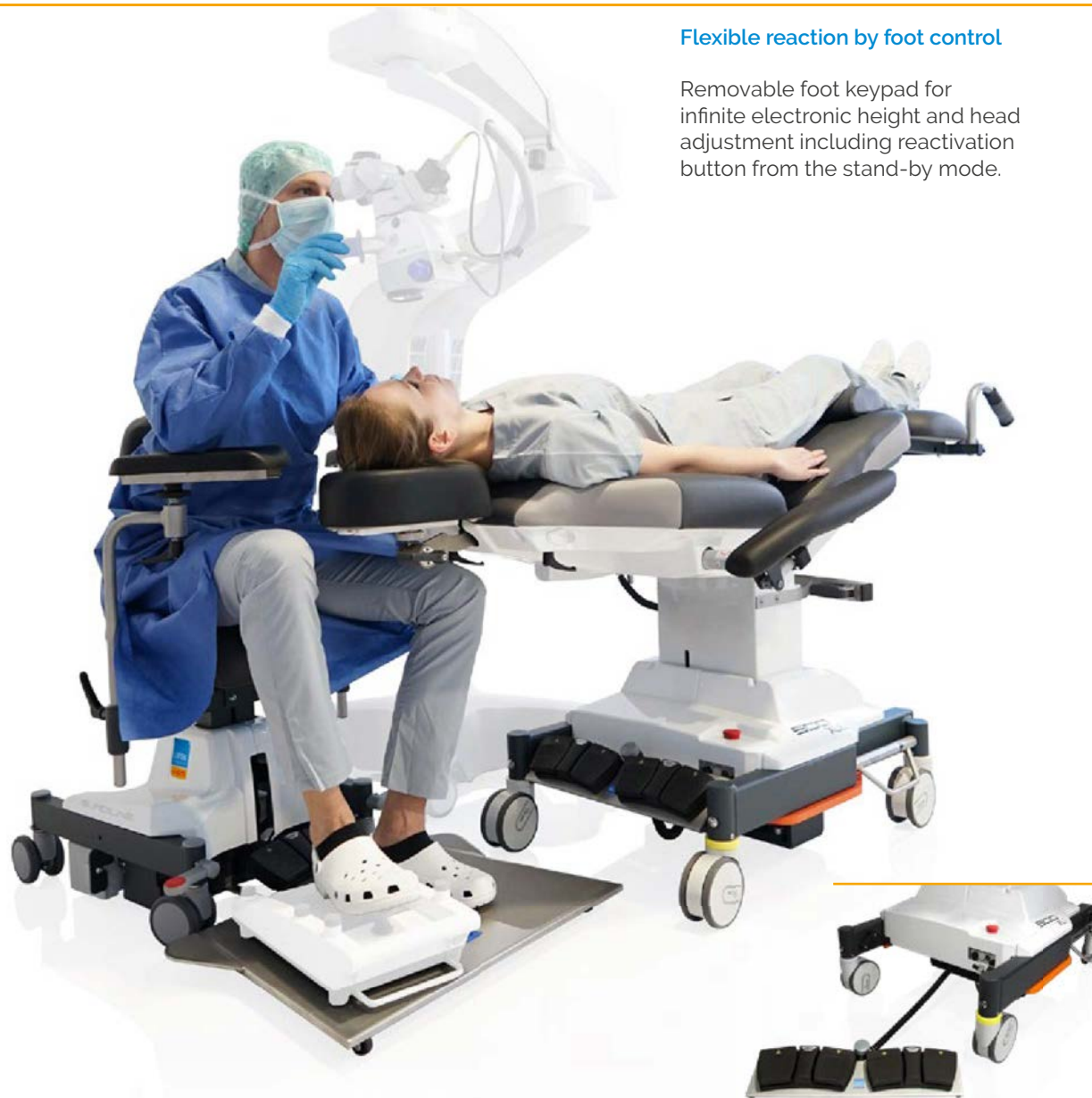
Headrest with ball joint and more

Discover additional features and extensive components on page 34.

Item No.: 3351 1021



Sterile adjustment by surgeon/maximum legroom



Flexible reaction by foot control

Removable foot keypad for infinite electronic height and head adjustment including reactivation button from the stand-by mode.

Positioning

The 500 XLE treatment chair is designed for ergonomic and comfortable patient positioning and treatment, particularly for outpatient surgical techniques. It offers versatile adjustment of the head, back, seat and leg sections and overall chair height for patient transport.

- Eight freely programmable memory positions
- CPR button
- Reset button
- Auto run function
- Battery charge indicator

Positioning by hand control

Standard recommended memo keys



Hand control

Multi-functional manual keypad

Battery charge indicator

Reset button

CPR button

AUTO Auto run function

MEMORY 8 free configurable memory positions

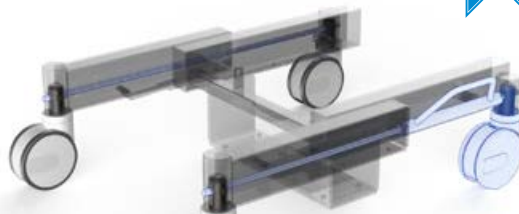


Mechanical maneuvering aid on the chassis



Operation via foot lever on the chassis

Activation of directional guidance



Pushing from the head direction

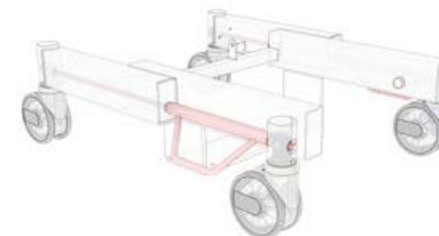
Pushing from the foot direction



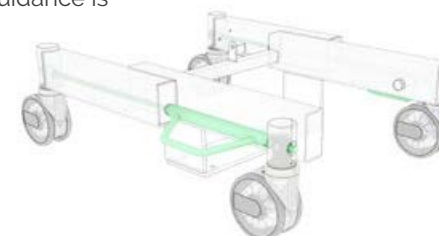
Braking system

Manually adjustable foot lever

Castors are braked



Castors are released, directional guidance is deactivated



Push handles

Detachable push handles on the foot ends for easy maneuvering.



Armrests

Hinged and removeable armrests for easy entry and exit as well as transfer of the patient.



Components

Additional handles/shoulder parts and more

Discover additional features and extensive components on page 34.



500 XLE comfort

Item No.: 1500 0006
+ 3037 0080

Our 500 XLE with extra thick upholstery, integrated knee support cushion and flattened neck area - for extra reclining comfort.

**Outstanding comfort,
particular flexibility.**



Upholstery

Comfort

Thick comfort upholstery and integrated knee support cushion, individually positionable to suit every patient's body height. The treatment chair featuring comfort upholstery is particularly well suited for longer surgical procedures (e.g. retina surgery).



Available in a wide variety of colors. Please refer to page 94 for our complete range of colors.



Flexibility in every detail

Headrest

The flattened back cushion of the Comfort upholstery in the neck area offers maximum freedom of movement for the headrest.



Components

Integrated knee support cushion

Optimum patient comfort thanks to the integrated knee support cushion which can be easily adjusted to accommodate any patient height.



An optional legrest extension can be attached when treating tall or very tall patients.



Foot part extension

Adjustable foot part extension incl. foot support for easier entry and exit of the patient. See page 34.



Besides, entry height is reduced by 80 mm.

Item No.: 3351 1028



Technical specifications



PERFORMANCE
LINE

Chassis

- Frame profile 90 x 50 mm
- Outside length 785 mm
- Outside width incl. lever 720 mm
- Steel tube frame, powder-coated elegant anthracite matte finish
- Brake operable from both sides and acting on two castors each; two castors featuring independent directional steering function
- Double rimmed castors \varnothing 125 mm
- Detachable foot keypad (total, head up/down)
- Emergency stop button
- Visible screws are made of stainless steel
- With equipotential bonding connection

Upper frame

- 4-part support frame (head, back, seat, leg part)
 - Removeable upholstery
 - Width of upholstery 610 mm
 - Width incl. armrests 850 mm
 - Length 1.760 – 1.900 mm
(incl. legrest extension) + 190 mm
- | | Angle | Dimensions (L x W) |
|---------------------|-----------|---|
| • Head part | -29°/+35° | 255 x 245 mm |
| • Back part | 0°/+83° | 610 x 610 mm |
| • Seat part | -5°/+35° | 450 x 610 mm |
| • Leg part | 0°/-77° | 510 x 610 mm |
| • Height adjustment | | 625 – 925 mm
(comfort) 655 – 955 mm
(2x) 470 x 75 mm |
| • Armrests | 0°/+180° | |
| • Entry height | | (standard) 580 mm/500 mm (incl. legrest extension)
(comfort) 610 mm/530 mm (incl. legrest extension) |
| • Legroom | | 520 – 820 mm |
| • Trendelenburg | | -12°/Reverse Trendelenburg +5° |

Electrical control

- All components according to IP54
- Hand control with 8 individually programmable memory positions, auto run function, reset button
- Foot keypad with 4 foot switches and reactivation button

Electric Drives

- Head, back, seat, leg part, total up/down
- Trendelenburg/Reverse Trendelenburg

Lifting column

- Max. lifting 300 mm
- Max. load 250 kg
- Motors IP54 with HAL sensors, to be memorized

Trendelenburg/Reverse Trendelenburg/CPR



Back part/leg part



Height adjustment



Powerful accumulators

- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2 x 12 V, 7,2 Ah
- As back-up-system exchangeable without tools
- Acoustic low voltage signal for discharge protection
- Universal battery charger Input: 100 – 240 V Output: 30 V

Operating time per battery charge

- Measured by operating circle (Prepare-Operate-Recover) 100 OPs
- Quantity of operating circles depends on individual operation

Mains-free operation

Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board.



Simple battery replacement

Additional safety due to replaceable battery box (back-up system **Item No.:** 3047 0000 see page 34). Discharged battery box can be replaced quickly.



Further technical details

- Chair has detachable, swiveling armrests made completely with PUR foam
- Detachable seat for service friendly access to electric components

Max. load 250 kg

Weight 135 kg

Subject to technical modifications.

Equipment protection

Cover drapes *stayClean*

2,000 x 730 mm, box á 160 Pieces
4 x 40 Pieces

Item No.: 3034 0014

Page 102



Upholstery/color card

Standard color

500 XL

anthracite **Item No.:** 3037 0052

500 XLE comfort

anthracite (main color)
+ chrome (accent color)

Item No.: 3037 0092

„skai®Tundra“
on page 96

„skai®Pandora Plus“
on page 97



Components



500 XLE

Item No.: 1500 0006



500 XLE comfort

Comfort upholstery incl. integrated knee roll, upcharge

Item No.: 1500 0006 + 3037 0080



Side parts right and left, swiveling incl. locking, upholstered, 580x200 mm

Item No.: 3351 0012



Norm rail seat part

Item No.: 3351 0047



Side parts right and left, 580x200 mm, incl. quick-release clamp for mounting on norm rail (norm rail 3351 0047 not included)

Item No.: 3351 0050



Pushing handles back part, pair

Item No.: 3351 0046



Pushing handles back part, pair

Item No.: 3351 0017



Anesthesia arm board with universal joint, with arm secure straps

Item No.: 3351 0011



Flexible surgical drape support rod

Item No.: 3205 0000



Flexible surgical drape support rod with air connection

Item No.: 3206 0000



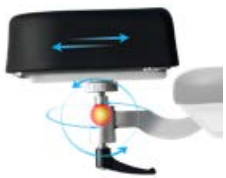
Hand control holder, PVC (component holder 3351 0037 not included)

Item No.: 3351 1023



Hand control holder for attachment onto an I.V. Pole Ø 25/18 mm, PVC

Item No.: 3351 1022



Headrest with ball joint, 360° all-round adjustment, factory-fitted

Item No.: 3351 1021



Backup battery

Item No.: 3047 0000



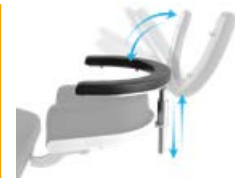
Head part bumper stainless steel

Item No.: 3028 0000



Wrist rest, adjustable, incl. mounting plate 3013 0000, adjustment 115 mm

Item No.: 3014 0000



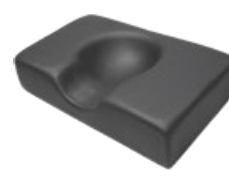
Wrist rest, adjustable, tiltable, incl. mounting plate 3013 0000, adjustment 115 mm

Item No.: 3014 0005



Mounting plate stainless steel, for wrist rest 3014 0000 and 3014 0005

Item No.: 3013 0000



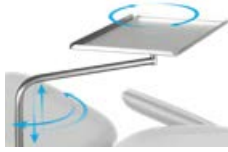
Head fixation pillow with hollow (rubins pillow), 410x250 mm, height 100 mm, factory-fitted

Item No.: 3022 0000



Facial pillow, horseshoe-shaped, incl. adapter plate, factory-fitted

Item No.: 3351 1016



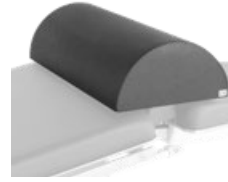
Instrument table 500x300x15 mm, height adjustable, swiveling, detachable, incl. adapter (component holder 3351 0037 not included)

Item No.: 3065 0000



Shoulder parts right and left 500 **XLE**
Item No.: 3071 0000

500 **XLE** comfort
Item No.: 3071 0001



Knee half roll, 600x280x140 mm, PUD-coated

Item No.: 3019 0000



Knee roll round, 500x150 mm, PUD-coated

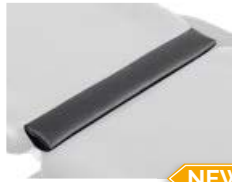
Item No.: 3050 0000

Medical device



Instrument table *supportLine* height adjustable 730–1,000 mm

Item No.: 3351 0026



NEW

500 **XLE**
Trapeze cushion, wedge, for back/seat part

Item No.: 3351 1052



NEW

500 **XLE** comfort
Trapeze cushion, wedge, for back/seat part

Item No.: 3022 0005



Wrist secure straps, pair

Item No.: 3015 0000



Body strap with Velcro straps, 2-piece

Item No.: 3083 0000



Foot part extension incl. foot support, factory-fitted, upcharge

Item No.: 3351 1028



Foot protection foil

Item No.: 3092 0001



IV. Pole stainless steel Ø 25/18 mm, one-hand height adjustable 1,070–1,660 mm, 4 hooks, max. 2 kg/hook, glass and holder (component holder 3351 0037 not included)

Item No.: 3068 0000



Component arm stainless steel, swiveling, incl. extendible IV. Pole Ø 25 mm

Item No.: 3024 0014



Component holder, stainless steel

Item No.: 3351 0037



Cylinder holder

Item No.: 3072 0002

functionalClass

What procedures will you perform?

Excellent functionality at minimum cost for successful outcomes in the operating room. Mobile options for use in any size facility. Keep patient care number one on your priority list.

500 XLS - essential tool in oral and dental surgery

It has never been so simple to adapt new technology in your daily workflow.

- Multifunctional horseshoe shaped headrest element featuring two-dimensional and longitudinal adjustment
- Power supply-independent battery box with integrated emergency stop button

500 ECO - ideal for I.V.I. treatments

Basic budget friendly treatment chair for walk-in OR concepts and Intravitreal Injection (I.V.I.) treatments.

- JUST WALK-IN OR: in 5-6 seconds in OR-Position
- Direct power connection

400 XL - highly functional basic foot hydraulic treatment table

This entry-level model is based on a rugged and easy-to-use technology. Its function is independent of batteries to keep procurement costs low on the one hand and ensures a long service life on the other hand.

- Comfortable three-piece cover surface
- Can be used in any location

**Functionality
in a nutshell**

500 XLS

Item No.: 1500 0005



500 ECO

Item No.: 1500 0008



400 XL

Item No.: 1400 0001



Dental surgery
Implantology
Oral surgery



I.V.I. treatment
Ophthalmic surgery



ENT surgery

FUNCTIONAL
CLASS

500 XLS



Item No.: 1500 0005

Perfect for oral and dental surgery treatments, with multifunctional horseshoe-shaped headrest element. For comfortable patient positioning for applications and treatments requiring prone patient positioning.

Our specialist
for dental treatment



Positioning

Standard recommended memo keys



1

Transport



2

Anesthesia



3

Treatment/surgery 1



4

Flat position

Precise positioning of the head part

Headrest

Multifunctional headrest element featuring two-dimensional and longitudinal adjustment. Horseshoe shape also allows treatments in prone position.



Braking system

Mechanical. Easy to handle.

Rugged moving gear featuring 2 central braking steering castors and 2 rigid castors for high stability combined with easy maneuverability.



Positioning by hand control

Multi-functional manual keypad

 Battery charge indicator



Reset button



CPR button



Auto run function



8 free configurable memory positions



Positioning by foot control

Removable foot keypad

for back, seat and height adjustment, including on-off button, 3 memory positions, and a reset key.



Technical specifications



Chassis

- Frame profile 60 x 30 mm
- Length chassis incl. lever 1,020 mm
- Width chassis outside 710 mm
- Outside width incl. arm rests 830 mm
- White paint finish
- Central brake, operable from both sides
- 2 pcs. double castors \varnothing 100 mm
- 2 pcs. rigid castors \varnothing 150 mm
- Foot keypad, removable (for overall/back part/seat adjustment; reset button; auto-run function; 3 memory positions)
- Emergency stop button
- With equipotential bonding connection

Upper frame

- 4-part support frame (head, back, seat, leg part)
- Length 1,930 – 2,160 mm
- Width of upholstery 610 mm
- Entry height 580 mm
- Removeable upholstery

	Angle	Dimensions (L x W)
• Head part	0°/+180°	275 x 280 mm
• Back part	0°/+84°	610 x 610 mm
• Seat part	-3°/+32°	510 x 600 mm
• Leg part	0°/-70°	490 x 525 mm
• Height adjustment		580 – 860 mm
• Armrests	0°/+180°	455 x 75 mm

Electrical control

- All components according to IP54
- Hand control with 8 individually programmable memory positions, auto run function, reset button
- Foot keypad

Electric Drives

- Back, seat, leg part, total up/down
- Shock position

Lifting column

- Max. lifting 280 mm
- Max. load 200 kg
- Motors IP54 with HAL sensors, to be memorized

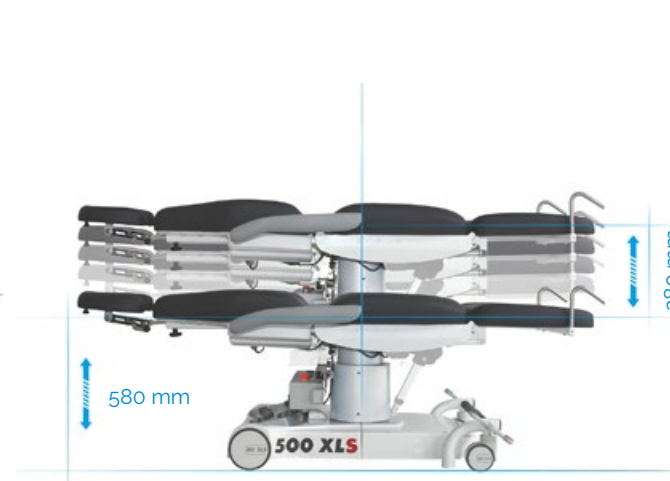
Seat part



Back part/leg part



Height adjustment



Powerful accumulators

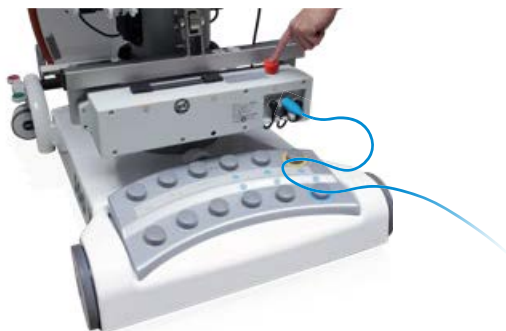
- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2 x 12 V, 7,2 Ah
- As back-up-system exchangeable without tools
- Acoustic low voltage signal for discharge protection
- Universal battery charger Input: 100 – 240 V Output: 30 V

Operating time per battery charge

- Measured by operating circle (Prepare-Operate-Recover) 100 OPs
- Quantity of operating circles depends on individual operation

Mains-free operation

Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board.



Simple battery replacement

Additional safety due to replaceable battery box (back-up system **Item No.:** 3047 0000 see page 42). Discharged battery box can be replaced quickly.



Further technical details

- Chair has detachable, swiveling armrests made completely with PUR foam
- All touchable metal parts are grounded
- Detachable seat for service friendly access to electric components

Max. load 200 kg

Weight 100 kg

Subject to technical modifications.

Equipment protection

Cover drapes *stayClean*

2,000 x 730 mm, box á 160 Pieces
4 x 40 Pieces

Item No.: 3034 0014

Page 102



Upholstery/color card

Standard color anthracite **Item No.:** 3037 0052

„skai® Tundra“
on page 96

„skai® Pandoria Plus“
on page 97



Components



FUNCTIONAL CLASS



500 XLS

Item No.: 1500 0005



Backup battery

Item No.: 3047 0000



I.V. Pole stainless steel
Ø 25/18 mm, one-hand
height adjustable
1.070 – 1.660 mm, 4 hooks,
max. 2 kg/hook, glass and
holder (component holder
3351 0037 not included)

Item No.: 3068 0000



Hand control holder,
PVC
(component holder
3351 0037 not included)

Item No.: 3351 1023



Hand control holder
for attachment onto an
I.V. Pole Ø 25/18 mm, PVC

Item No.: 3351 1022



Inlay head pillow

Item No.: 3325 0000



Anesthesia arm board with
universal joint,
with wrist secure straps

Item No.: 3078 0000



Norm rail 300 mm, seat part

Item No.: 3321 0000



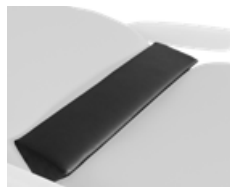
Norm rail, back part

Item No.: 3320 0000



Instrument table 500x300x15 mm, height adjustable, swiveling, detachable, incl. adapter (component holder 3351 0037 not included)

Item No.: 3065 0000



Trapeze cushion, wedge, for back/seat part

Item No.: 3022 0005



Knee half roll, 600x280x140 mm, PUD-coated

Item No.: 3019 0000

Medical device



Instrument table *supportLine* height adjustable 730-1,000 mm

Item No.: 3351 0026



Knee roll round, 500x150 mm, PUD-coated

Item No.: 3050 0000



Wrist secure straps, pair

Item No.: 3015 0000



Body strap with Velcro straps, 2-piece

Item No.: 3083 0000



Side rails right and left, swiveling incl. locking, upholstered

Item No.: 3351 1036



Foot protection foil

Item No.: 3326 0000



Component arm stainless steel, swiveling, incl. extendible I.V. Pole Ø 25 mm

Item No.: 3024 0014



Component holder, stainless steel

Item No.: 3351 0037



Pushing handles, pair

Item No.: 3069 0000



Flexible surgical drape support rod with air connection, incl. norm rail and mounting clamp

Item No.: 3351 0009



Flexible surgical drape support rod, incl. norm rail and mounting clamp

Item No.: 3351 0010

500 ECO



Item No.: 1500 0008

Perfect for I.V.I. treatments. Direct power connection and the integrated power supply unit enable the more powerful operation with high adjustment speed.

Out of the box
solution

DIRECT POWER CONNECTION



Positioning

Efficient, comfortable and fast!



Entering



Patient positioning



5 - 6 SEC
IN OR-POSITION

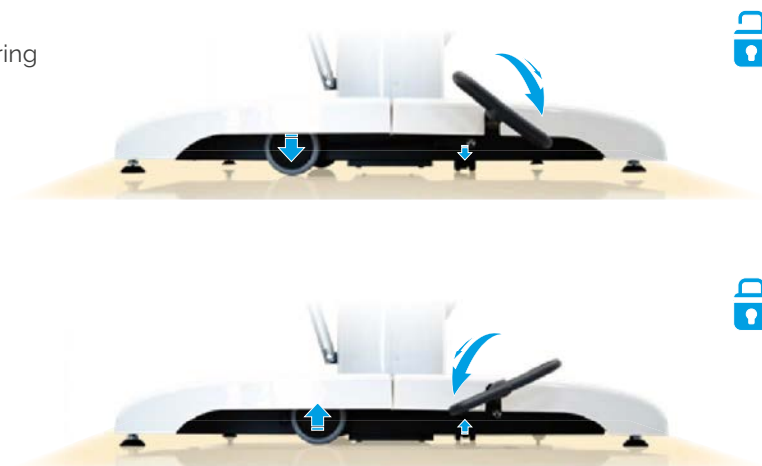


Surgery position

Sturdy base with mono lifting column

Stability/maneuvering aid

Sturdy stand with three extendable castors combines high stability with simple maneuvering aid (in the event of a change of a location).



Precise positioning of the head part

Headrest

Mechanical adjustment options for comfortable and fine-tuned positioning of the patient's head, adapted to his individual body dimensions.



Positioning by hand control

Multi-functional manual keypad



Reset button



CPR button



AUTO Auto run function



MEMORY 8 free configurable memory positions



Positioning by foot control

Optional: foot switch

Foot keypad to activate the two free configurable memory positions 1 and 2 of hand control. See page 48.

Item No.: 3351 1029



Technical specifications



Chassis

- Outside length 910 mm
- Outside width incl. foot pedal 600 mm
- Outside width incl. arm rests 845 mm
- White paint finish
- 2 fixed castors (rigid) \varnothing 100 mm
- 1 swivel castor \varnothing 35 mm
- Optional: foot keypad (2 memory positions, M1/M2)

Upper frame

- 4-part support frame (head, back, seat, leg part)
- Length 1,950 – 2,230 mm
- Width of upholstery 600 mm
- Entry height 550 mm
- Removeable upholstery

	Angle	Dimensions (LxW)
• Head part	-27°/+180°	280 x 420 mm
• Back part	-23°/+85°	710 x 600 mm
• Seat part	-3°/+28°	510 x 600 mm
• Leg part	0°/-75°	490 x 530 mm
• Height adjustment		615 – 890 mm
• Armrests	0°/+180°	455 x 75 mm
• Legroom surgeon		485 – 760 mm
• CPR/flatposition		(height back part) 600 mm

Electrical control

- All components according to IP54
- Hand control with 8 individually programmable memory positions, auto run function, reset button
- Foot keypad (optional)

Electric Drives

- Back, seat, leg part, total up/down

Lifting column

- Max. lifting 275 mm
- Max. load 240 kg
- Motors IPX4 with HAL sensors, to be memorized

Seat part/CPR



Back part/leg part



Height adjustment/legroom



Application example

assistTrend + armrest pair Item No.: 2500 0002
 + Item No.: 3300 0000

500 ECO Item No.: 1500 0008



Further technical details

- Chair has detachable, swiveling armrests made completely with PUR foam
- Detachable seat for service friendly access to electric components

Max. load 240 kg

Weight 90 kg

Subject to technical modifications.

Equipment protection

Paper rolls *stayClean roll*
 White embossed, 2-ply, 50 cm x 50 m
 Carton à 9 pieces Item No.: 3034 0021

Page 104



Upholstery/color card

Standard color anthracite (main color)
 + chrome (accent color)
 Item No.: 3037 0092

„skai® Tundra“
 on page 96

„skai® Pandoria Plus“
 on page 97



Components



FUNCTIONAL
CLASS



500 ECO
Item No.: 1500 0008



Multifunctional headrest

Item No.: 3351 1034



Foot keypad to activate the two free configurable memory positions 1 and 2 of hand control

Item No.: 3351 1029



Paper roll holder

Item No.: 3351 1031



Component mounting support, powder coated with component holder stainless steel

Item No.: 3351 1033



Component holder, stainless steel (component mounting support 3351 1033 not included)

Item No.: 3351 0037



Hand control holder, PVC (component mounting support 3351 1033 not included)

Item No.: 3351 1023



Component arm stainless steel, swiveling, incl. extendible I.V. Pole \varnothing 25 mm (component mounting support 3351 1033 not included)

Item No.: 3024 0014



I.V. Pole stainless steel \varnothing 25/18 mm, one-hand height adjustable 1,070 – 1,660 mm, 4 hooks, max. 2 kg/hook, glass and holder (component mounting support 3351 1033 and component holder not included)

Item No.: 3068 0000



Hand control holder for attachment onto an I.V. Pole \varnothing 25/18 mm, PVC

Item No.: 3351 1022

Medical device



Instrument table *supportLine* height adjustable 730 – 1,000 mm

Item No.: 3351 0026



Side rails right and left, swiveling incl. locking, upholstered

Item No.: 3351 1036



Anesthesia arm board with universal joint, with wrist secure straps

Item No.: 3078 0000



Norm rail 300 mm, seat part

Item No.: 3321 0000



Instrument table 500x300x15 mm, height adjustable, swiveling, detachable, incl. adapter (component mounting support 3351 1033 not included)

Item No.: 3065 0000



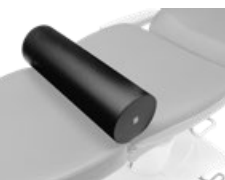
Foot protection foil

Item No.: 3326 0000



Trapeze cushion, wedge, for back/seat part

Item No.: 3022 0005



Knee roll round, 500x150 mm, PUD-coated

Item No.: 3050 0000



Knee half roll, 600x280x140 mm, PUD-coated

Item No.: 3019 0000



Body strap with Velcro straps, 2-piece

Item No.: 3083 0000



Inlay head pillow

Item No.: 3325 0000

400 XL



Item No.: 1400 0001

Highly functional, basic hydraulic treatment table. The great freedom of movement and ample legroom for optimum access to the patients. The **400 XL** treatment table can be rotated by 360 degrees to also allow even lateral movements. Our entry-level model is based on a rugged and easy-to-use technology. In contrast to our electromechanical models, its function is independent of batteries. This keeps procurement costs low on the one hand and ensures a long service life on the other hand.



Can be used in any location

Easy to service and maintain

Outstanding resistance to tipping

Ergonomically shaped push handles

Designed for optimized function

Chassis

Gentle and stable hydraulic system for patient positioning. Foot pedal for hydraulic adjustment of head, back, leg part and overall up/down adjustment – guaranteed to last.



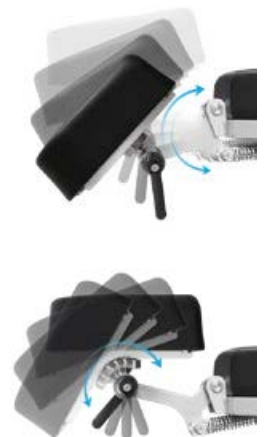
Double castors

Large double castors for easy moving and maneuvering by one person, even in confined spaces. Effortless directional stability - direction-setting castor, manually adjustable via foot pedal. Central foot brake acting on 4 castors.



Headrest

3D and longitudinally adjustable headpart with head molding and neck support for guaranteed safe and correct positioning of the head.



General

- Comfortable three-piece cover surface
- Wide and comfortable upholstery in anthracite
- Low entry height
- Suitable even for very tall patients



Technical specifications

Chassis

- Frame profile 50 x 50 mm
- Outside length 1,530 mm
- Outside width 750 mm
- Castor, electrically conductive ø 150 mm

Lifting column

- Foot hydraulic
- Height adjustment min./max. 650/1,030 mm
- Max. lifting force 2,000 N
- Leg part lifting force 1,500 N
- Back part lifting force 1,200 N
- Head part lifting force 500 N
- Operating pressure 120 bar
- Hydraulic oil, DTE 10 EXCEL 32 approx. 0.7 liter

Upper frame

- 3-part support frame (head, back, leg part)
- Upholstery 80 mm
- Length 1,930 – 2,060 mm
- Width 700 mm
- Head part angle adjustment $-28^{\circ}/+21^{\circ}$
- Back part angle adjustment $-13^{\circ}/+58^{\circ}$
- Leg part angle adjustment $0^{\circ}/+13^{\circ}$
- Trendelenburg -13°
- Height adjustment range 380 mm
- Standard stainless steel side rails, both sides 25 x 10 mm
- Entry height 650 mm
- Legroom surgeon 500 – 880 mm

Max. load 175 kg

Weight 140 kg

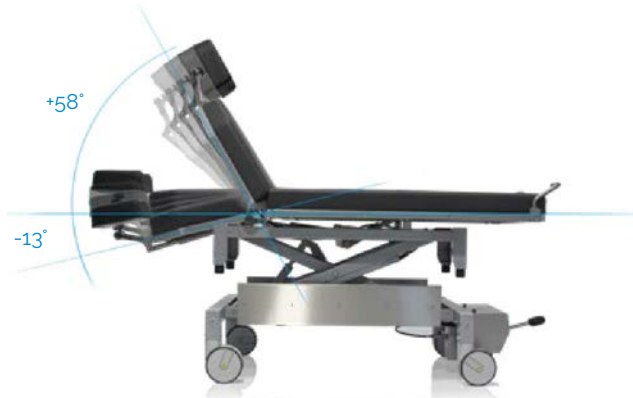
Subject to technical modifications.

Technical dimensions

Trendelenburg



Back part



Height adjustment



Components



FUNCTIONAL
CLASS



400 XL
Item No.: 1400 0001

Upholstery/color card

Standard color

anthracite Item No.: 3037 0052

„skai® Tundra“
on page 96

„skai® Pandora Plus“
on page 97



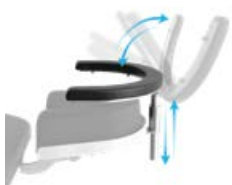
Head part bumper
stainless steel

Item No.: 3028 0000



Wrist rest, adjustable,
incl. mounting plate
3013 0000,
adjustment 115 mm

Item No.: 3014 0000



Wrist rest, adjustable, tiltable, incl. mounting plate 3013 0000, adjustment 115 mm

Item No.: 3014 0005



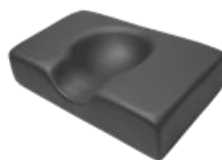
Mounting plate stainless steel, for wrist rest 3014 0000 and 3014 0005

Item No.: 3013 0000



Facial pillow, horseshoe-shaped, incl. adapter plate, factory-fitted

Item No.: 3351 1016



Head fixation pillow with hollow (rubins pillow), 410x250 mm, height 100 mm, factory-fitted

Item No.: 3022 0000



Anesthesia arm board with universal joint, incl. mounting clamp

Item No.: 3011 0000

Medical device



Instrument table *supportLine* height adjustable 730–1,000 mm

Item No.: 3351 0026



Side parts right and left, 580x200 mm, incl. quick-release clamp for mounting on norm rail

Item No.: 3351 0050



Knee half roll, 600x280x140 mm, PUD-coated

Item No.: 3019 0000



Knee roll round, 500x150 mm, PUD-coated

Item No.: 3050 0000



Wrist secure straps, pair

Item No.: 3015 0000



Body strap silicone incl. clamp

Item No.: 3351 1044



Body strap with Velcro straps, 2-piece

Item No.: 3083 0000



Mounting clamp stainless steel

Item No.: 3026 0000



Flexible surgical drape support rod, with air connection (mounting clamp 3090 0000 not included)

Item No.: 3033 0000



Flexible surgical drape support rod (mounting clamp 3090 0000 not included)

Item No.: 3032 0000



Mounting clamp polished aluminium, with quick clamp lever for norm rail 25x10 mm, incl. locking device

Item No.: 3090 0000

motionLine



Item No.: 1700 0000

The ergonomic transport and relaxing chair for extra patient comfort and wellness flair.

With many practical details for patients and caregivers: Low entry height, synchronously adjustable resting position, comfortable bolster and lumbar support, comfortable push handles and hanging basket for patient property.



Maximum patient comfort

Headrest

Flexible, height-adjustable neck support cushion for enhanced patient comfort.



Double castors

Infinitely adjustable back, leg part and seat adjustment via gas pressure spring with foot release. Castor brakes on the left and right 360-degree rotating castors hold the chair safely in place.



Insert basket

Practical storage basket for patient medical records and belongings.





Push handles

Ergonomically shaped, durable, non-sliding rubber grips.



Technical specifications

Chassis

- Laser frame profile 5 mm
- Chassis length 1,000 mm
- Width incl. wheels 650 mm
- Width incl. armrest 680 mm
- Wheel/castors diameter ø 300/125 mm

Lifting column

- | | Angle | Dimensions (LxW) |
|-------------|-------|------------------|
| • Back part | +80° | 830 x 510 mm |
| • Seat part | +30° | 530 x 510 mm |
| • Leg part | -82° | 380 x 510 mm |
-
- Upholstery height 50/90 mm
 - Total length 1,750 mm
 - Armrests 0°/+180° height 810 mm
 - Entry height 610 mm
 - Chair height max. 1,360 mm

Armrests

Hinged and removable armrests for easy entry and exit as well as transfer of the patient.



Technical dimensions

Back part/leg part



Max. load

135 kg

Weight

56 kg

Subject to technical modifications.

Standard color

anthracite Item No.: 3037 0052

„skai® Tundra“
on page 96

„skai® Pandora Plus“
on page 97



motionLine-E

Item No.: 1700 0001

Patient transfer and resting position made even easier.

The ergonomically designed transport and relaxing chair for maximum patient comfort. All the benefits of our *motionLine* model in combination with an electrically assisted position control – with a handy, cable-connected remote control.



Electronically adjustable

Battery box

Easy recharging of the equipment thanks to charging adapter and integrated battery charger circuit board. Additional safety due to replaceable battery box (back-up system **Item No.:** 3047 0000 see page 58). Discharged battery box can be replaced quickly.



Hand control

Synchronized back, leg part and seat adjustment – made simple and comfortable by the hand control



Functions



Synchronized back and leg part angle adjustment



Seat angle adjustment



Auto run function chair position



Auto run function shock position



Push handles

Ergonomically shaped, durable, non-sliding rubber grips.



Armrests

Hinged and removable armrests for easy entry and exit as well as transfer of the patient.



Technical dimensions

Back part/leg part



Technical specifications

Chassis

- Laser frame profile 5 mm
- Chassis length 1,000 mm
- Width incl. wheels 650 mm
- Width incl. armrest 680 mm
- Wheel/caster diameter ø 300/125 mm
- Emergency stop button

Lifting column

- Electronic control system per hand control
 - Synchronized back-/legrest and seat adjustment
- | | Angle | Dimensions (L x W) |
|---------------------|----------|--------------------|
| • Back part | +80° | 830 x 510 mm |
| • Seat part | +30° | 530 x 510 mm |
| • Leg part | -82° | 380 x 510 mm |
| • Upholstery Height | | 50/90 mm |
| • Total length | | 1,750 mm |
| • Armrests | 0°/+180° | height 810 mm |
| • Entry height | | 610 mm |
| • Chair height max. | | 1,360 mm |

Battery unit

- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2 x 12 V, 7.2 Ah
- Universal battery charger: Input: 100 – 240 V
Output: 30 V

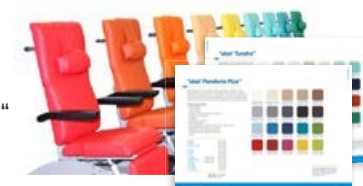
- Max. load** 135 kg
- Weight** 64 kg

Subject to technical modifications.

Standard color anthracite **Item No.:** 3037 0052

„skai®Tundra“
on page 96

„skai®Pandoria Plus“
on page 97



Components



motionLine
Item No.: 1700 0000



motionLine-E
Item No.: 1700 0001



Backup battery,
motionLine-E

Item No.: 3047 0000



I.V. Pole stainless steel
Ø 25/18 mm, one-hand
height adjustable 1,070 –
1,660 mm, 4 hooks, max.
2 kg/hook, glass and holder
(adapter 3082 0000 not
included)

Item No.: 3068 0000



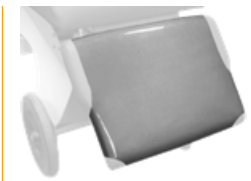
Instrument table
300x200x13 mm,
swiveling, detachable,
incl. adapter

Item No.: 3329 0000



Adapter

Item No.: 3082 0000



Foot protection foil

Item No.: 3319 0000



supportLine



Item No.: 3351 0026

The *supportLine* mobile instrument table is designed to be an ergonomic aid to supplement treatment and surgeon's chairs.

**The smart helper
for your OR**



The perfect addition for your OR

Pneumatic spring technology/foot pedal

The integrated pneumatic spring technology enables the instrument tray to be stopped gently and positioned at the right working height for the surgeon. The stepless height adjustment is triggered by the foot pedal.



Chassis/chassis cover

The *supportLine*'s maneuverability, optimised stability and resistance to tipping, its stainless steel design for the user's operating area and its hard-wearing, hygienic surfaces are designed specifically for versatile use in the operating room.

Tray

The removable, high-quality stainless steel tray is heat-resistant, easy to clean and disinfect and offers plenty of space for holding surgical instruments with an area of 65 x 53 cm.



Technical specifications

Chassis

- Footprint 680 x 400 mm
- 4 castors (electrically conductive, 2 x brakeable) \varnothing 52 mm

Lifting column

- Height adjustment 730 – 1,000 mm

Stainless steel tray

650 x 530 mm

Upper frame

740 x 540 mm

Weight

17,5 kg

Max. load

10 kg

Subject to technical modifications.

Push handle/double castors

The wide push handle and the four maneuverable and electrically conductive double castors make the *supportLine* easy to maneuver and brake.

WITH PRODUCT UPGRADE

Electrically conductive and **brakeable** double castors for greater safety.



Technical dimensions

Height adjustment



premiumLine



Our top models

As the fruit of our decades of experience in the field of ophthalmic and microsurgery, we have managed to design absolute high-end, top quality models. Allow yourself to be swept away by the innovative materials, the visionary shapes, the elegant design and the sophisticated extra functions.

Set new standards in your operating room!

Discover our *surgiForce* and *surgiForce light* models and allow yourself to be swept away by their economy, effectiveness and quality. These models stand for ultra-precise navigation within the operating field, sterile operation, and a comfortable, non-fatiguing work environment – for a work flow worthy being rated "Premium deluxe". They combine particularly well with our *premiumLine eyeForce* treatment chair.

Demand the best!



The "Preventive Technology" award reflects uncompromising lightweight construction, outstanding ergonomic operability and space-saving design. Back problems for surgeons are now a thing of the past. This is our contribution to effective health and safety in the workplace.

**High end quality
for microsurgery**

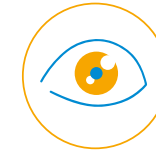
surgiForce

Comfort seat (Illustration) Item No.: 2600 0004
Formed seat Item No.: 2600 0008



surgiForce light

Comfort seat Item No.: 2600 0006
Formed seat (Illustration) Item No.: 2600 0009



Ophthalmic surgery



Neurosurgery
Microsurgery

surgiForce



Item No.: 2600 0004 with Comfort seat
Item No.: 2600 0008 with Formed seat (Illustration)

That is high tech and high precision.

The ultimate surgeon's chair for microsurgery.

Sophisticated engineering, design and function down to the smallest detail. The variety of adjustment functions of its armrests is impressive: rotating, tilting and swiveling - every movement of the surgeon's arm is supported with ease! Ultra-precise navigation within the operating field, sterile operation, and a comfortable, non-fatiguing work environment - for a work flow worthy being rated "Premium de Luxe".



MED.TEC at its highest level

Double castors

The five high-grade double castors are smooth-running and rotated by 360 degrees. This means no-limits mobility, especially in confined operating room spaces. **surgiForce's** central front castor in particular gives extra stability to keep the treating surgeons safely in place whenever they shift their bodyweight forward.



Chassis

The drive mechanism's base is made of cast aluminum. This means maximum stability and longevity and no-limits mobility. The material and workmanship meet the strictest sanitary requirements.



Plastic cover panels

The high-shine plastic cover panels with their scratch-resistant and impact-modified surface finish are extremely hygienic and easy to disinfect.



Armrests with "de luxe" feature

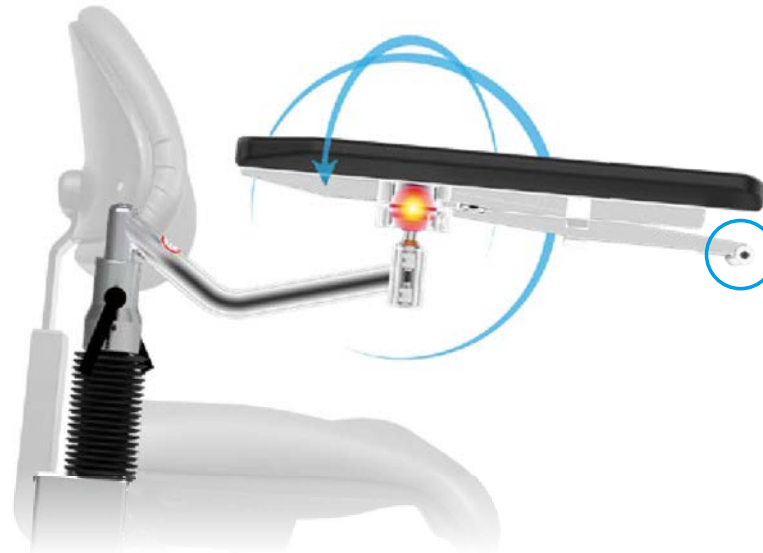


3D freedom of movement

High-precision, maintenance-free ball joint for full 360-degree range armrest movements around all axes. Ultra-lightweight guide system for fast, efficient and vibration-proof adjustment of individual underarm positions.

Need to readjust *surgiForce* while maintaining sterile conditions? Not a problem! In addition to the foot keypad, *surgiForce* features so-called "one-hand triggers" underneath the armrests. Lift them briefly to adjust the height!

Angled armrest support for increased freedom of armrest movement around the lateral axis.



Armrests

Made of molded PUR foam - pleasant to the touch, no slick leatherette cover - for guaranteed secure hold. Suitable for disinfectants.



Linear guides

To give you that extra margin of flexibility: Armrests with linear guides! Applying pressure with your forearm will make the arms "glide" effortlessly in longitudinal direction while letting go will stop them by self-locking mechanism - available as an option. See on page 72.

Item No.: 3351 1008



Multi-function unit

Sterile actuation by foot

To activate the multi-function unit, tap it with your foot. It allows you to easily adjust the height of the seat (black pedal) and the armrests (gray pedal) independently of each other.

Intuitive foot keypad operation of the multi-function unit for powered seat height and armrest adjustment. Activation is signaled by acoustic and visual signals.

Abrasion-resistant corner guards (orange) made of synthetic rubber take the stress out of maneuvering *surgiForce* even at close quarters to other medical equipment.



Braking system

The easy-to-reach and easy-to-use central brake acts on all four double castors to keep the *surgiForce* safely and reliably in the desired position.



Seating systems with sliding carriage

PREMIUM
LINE



Comfort

The seating system Comfort: With mechanical individual adjustment functions. For a correct, back-friendly sitting and working posture, the seat surface or the seat depth can be adjusted by a sliding mechanism located underneath the seat.



Seat angle adjustment

Back angle adjustment

Back height adjustment



Formed seat

The form seating system: With enlarged contact surface for more comfort and optimum weight distribution. The seat surface can be individually tilted forward and fixed together with the backrest. In addition, angle and height adjustment of the backrest ensure an ideal sitting posture.

Seat angle adjustment

Back angle adjustment

Back height adjustment



Upholstery/color card

Standard color
black
Item No.: 3037 0235



Comfort

„PeriLine“ on page 99

Standard color
anthracite
Item No.: 3037 0052



Formed seat

„skai® Tundra“ on page 96
„skai® Pandora Plus“ on page 97

Mains-free operation

Accumulators

The charger-battery-control unit integrated in the drive mechanism permits mains-free operation at protective low voltage. Splash-protected charging socket on the bottom of the drive mechanism.



WITH PRODUCT UPGRADE

A **lifting column shortened** by 30 mm for a lower entry and seat height for the surgeon.

Technical specifications

Lifting column

- Lifting height of the seat 170 mm
- Lifting height of the armrests 125 mm
- Electromotive adjustment via the foot control elements

Dimensions maximum (LxWxH) incl. armrests

- with Comfort seat 860x750x1,140 mm
- with Formed seat 860x750x1,220 mm

Chassis

- Castors \varnothing 100 mm
- 5th castor \varnothing 65 mm
- Central brake acting on all four castors
- Emergency stop button

Battery unit

- Lead-gel battery, 2 pcs. 12 V, 2.9 A
- Universal battery charger: Input: 100 – 240 V
Output: 24 V

Technical dimensions

Seating system Comfort

Minimum

Maximum



Seating system Formed seat

Minimum

Maximum



Seating systems:

Comfort | Formed seat

- Min. sitting height 575 mm | 570 mm
- Max. sitting height 745 mm | 740 mm
- Seat adjustment mechanism 120 mm | 120 mm
- Seat angle adjustment $-9^{\circ}/+3^{\circ}$ | -11°
- Back angle adjustment $-21^{\circ}/+2^{\circ}$ | $-25^{\circ}/+2^{\circ}$

Weight

74 kg

Max. load

150 kg

Subject to technical modifications.

surgiForce light

Item No.: 2600 0006 with Comfort seat
Item No.: 2600 0009 with Formed seat (Illustration)

surgiForce light – extraordinary technology and materials in typical *surgiForce* premium design, in combination with other control elements:

A clearly structured twin foot keypad plus manually operated gas spring mechanisms in the arm supports – for surgeons wishing to precision-adjust their arm position with minimum fuss.



MED.TEC at its highest level

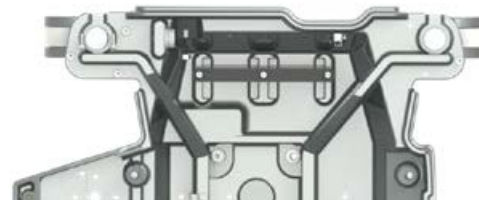
Double castors

The five high-grade double castors are smooth-running and rotated by 360 degrees. This means no-limits mobility, especially in confined operating room spaces. *surgiForce's* central front castor in particular gives extra stability to keep the treating surgeons safely in place whenever they shift their bodyweight forward.



Chassis

The drive mechanism's base is made of cast aluminum. This means maximum stability and longevity and no-limits mobility. And the material and workmanship meet the strictest sanitary requirements.



Plastic cover panels

The mirror-finish plastic cover panels with their scratch-resistant and impact-modified surface finish are extremely hygienic and easy to disinfect.



Armrests with gas-spring mechanism

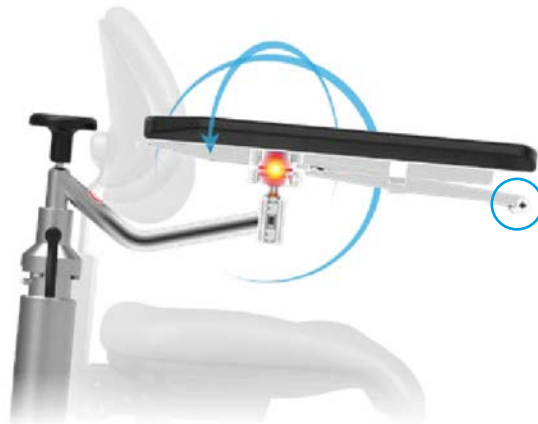


3D freedom of movement

High-precision, maintenance-free ball joint for full 360-degree range armrest movements around all axes. Ultra-lightweight guide system for fast, efficient and vibration-proof adjustment of individual underarm positions.

Need to readjust *surgiForce light* while maintaining sterile conditions? Not a problem! In addition to the foot keypad, *surgiForce light* features so-called "one-hand triggers" underneath the armrests.

Angled armrest support for increased freedom of armrest movement around the lateral axis.



Sterile height adjustment

The height of the armrests can be adjusted independently of the seat and independently of each other.

The gas spring mechanism is controlled manually with a rolling movement using the elbow and hand.



Rotate, tilt, swivel: The arm rests can be moved quickly and easily in three dimensions. The entire arm can also be turned to the side.



WITH PRODUCT UPGRADES

Arm supports offset to the rear (V-shaped traverse) for even better access to the operating field.

In comparison with the previous version until 2024 (blue figure).

A **lifting column shortened** by 30 mm for a lower entry and seat height for the surgeon.



Multi-function unit

Foot operated

Timeless foot keypad design for UP/DOWN seat height adjustment with non-slip polyamide touch surfaces. Easy-to-reach brake levers on either side of the driving mechanism for centralized braking/unfettered maneuvering.

Abrasion-resistant corner guards (orange) made of synthetic rubber take the stress out of maneuvering *surgiForce light* even at close quarters to other medical equipment.



Braking system

The easy-to-reach and easy-to-use central brake acts on all four double castors to keep the *surgiForce light* safely and reliably in the desired position.



Seating systems

PREMIUM LINE



Comfort

The Comfort seating system: with mechanical individual adjustment functions. An additional lumbar support as a backrest provides relief for the spine. Sliding carriage for adjusting the seat depth optionally available.

Seat angle adjustment



Back angle adjustment



Back height adjustment



Formed seat

The form seating system: With enlarged contact surface for more comfort and optimum weight distribution. The seat surface can be individually tilted forward and fixed together with the backrest. In addition, angle and height adjustment of the backrest ensure an ideal sitting posture.

Seat angle adjustment



Back angle adjustment



Back height adjustment



Upholstery/color card

Standard color

black

Item No.: 3037 0235



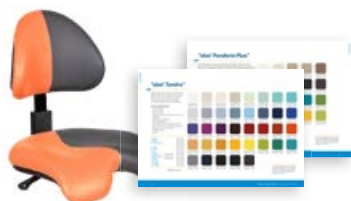
„PeriLine“ on page 99

Comfort

Standard color

anthracite

Item No.: 3037 0052



„skai® Tundra“ on page 96

Formed seat

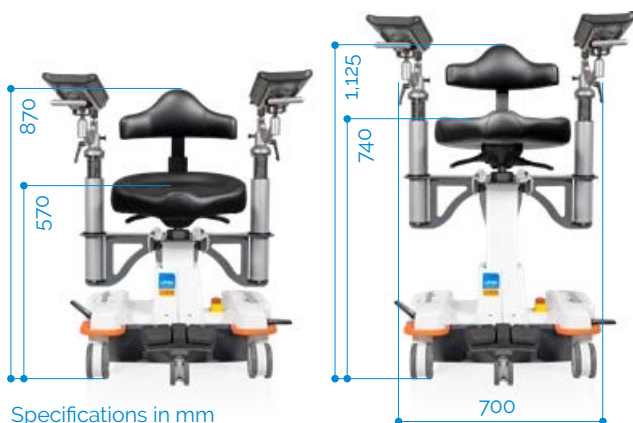
„skai® Pandoria Plus“ on page 97

Technical dimensions

Seating system Comfort

Minimum

Maximum



Seating system Formed seat

Minimum

Maximum



Mains-free operation

Accumulators

The charger-battery-control unit integrated in the drive mechanism permits mains-free operation at protective low voltage. Splash-protected charging socket on the bottom of the drive mechanism.



Technical specifications

Lifting column

- Lifting height of the seat (electromotive adjustment via the foot control) 170 mm
- Lifting height of the armrests 135 mm

Dimensions maximum (LxWxH) incl. armrests

- with Comfort seat 825x700x1,125 mm
- with Formed seat 825x700x1,210 mm

Chassis

- Castors \varnothing 100 mm
- 5th castors \varnothing 65 mm
- Central brake acting on all four castors
- Emergency stop button

Battery unit

- Lead-gel battery, 2 pcs. 12 V, 2,9 A
- Universal battery charger: Input: 100 – 240 V
Output: 24 V

Seating systems:

Comfort | Formed seat

- Min. sitting height 570 mm | 565 mm
- Max. sitting height 740 mm | 735 mm
- Seat angle adjustments $-9^{\circ}/+3^{\circ}$ | -11°
- Back angle adjustments $-21^{\circ}/+2^{\circ}$ | $-25^{\circ}/+2^{\circ}$

Weight

71 kg

Max. load

150 kg

Subject to technical modifications.

Components



surgiForce
Formed seat Item No.: 2600 0008



surgiForce
Comfort seat Item No.: 2600 0004



Foot release for sliding carriage,
for sterile adjustment of the sliding carriage

Item No.: 3351 1042



Armrest pair with
linear guide and
one-hand release,
factory-fitted

Item No.: 3351 1008



Armrest pair with
one-hand release for
neurosurgery (angular),
retrofit kit

Item No.: 3351 1010



Footswitch plate
429x820 mm, height 53 mm

Item No.: 3317 0000



Footswitch plate
429x690 mm, height 53 mm

Item No.: 3351 1041

Components



surgiforce light
Formed seat **Item No.:** 2600 0009



surgiforce light
Comfort seat **Item No.:** 2600 0006



Seat adjustment mechanism for optimum access to the operating field, adjustment 120 mm, factory-fitted

Item No.: 3351 1013



Seat adjustment mechanism incl. foot release for sliding carriage, for sterile adjustment of the sliding carriage, adjustment 120 mm

Item No.: 3351 1043



Footswitch plate
429x820 mm, height 53 mm

Item No.: 3317 0000



Footswitch plate
429x690 mm, height 53 mm

Item No.: 3351 1041



Armrest pair with linear guide and one-hand release, factory-fitted

Item No.: 3351 1008

performanceLine

Our classics

They represent proven and time-tested technology in a modern design, they are deliberately low-tech, and they offer an extremely attractive price-performance ratio.

Space-saving design and outstanding maneuverability coupled with a lean range of easy-to-manage functions.

Do you want flexible use in confined spaces with power-supply independent battery operation?

Then you should go for our classic:
The *surgiTrend* and *surgiLine* models – perfect in combination with our *performanceLine*, 500 *XLE* and 500 *XLE* *comfort* treatment chairs.

performanceLine systems are designed for user satisfaction

Designed for continuous use in serially equipped operating theaters with high patient turnover, the *performanceLine* satisfies every user thanks to its easy handling before, during and after the surgery.



As an award-winning "Preventive Technology", the *performanceLine* protects your surgeon from back problems thanks to its lightweight design and easy maneuverability.

**Functionality
in a nutshell**

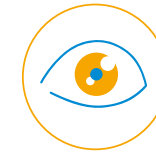
surgiTrend

Comfort seat (Illustration) Item No.: 2200 0012
Dynamic seat Item No.: 2200 0010



surgiLine

Formed seat (Illustration) Item No.: 2200 0008
Comfort seat Item No.: 2200 0013



Ophthalmic surgery

surgiTrend

Item No.: 2200 0012 with Comfort seat (Illustration)
 Item No.: 2200 0010 with Dynamic seat

For back protection and maximum work flexibility in confined spaces. Sophisticated, space-saving drive mechanism with reduced size for ample foot space combines tilt stability with easy and smooth maneuvering. Outstanding sitting comfort and a wide range of adjusting functions allow every surgeon to find his or her personal best and healthiest working position for any work scenario. Available in two seating system types: Comfort or Dynamic.



Seating systems



Comfort

Seat angle adjustment



Back angle adjustment



Back height adjustment



Upholstery/color card

Standard color
 black
 Item No.: 3037 0223



„PeriLine“ on page 99

Comfort



Dynamic

Dynamic-function



Lumbar support
 angle adjustment



Lumbar support
 height adjustment



Standard color
 black
 Item No.: 3037 0021



„Stamskin® Top“ on page 98

Dynamic

Armrests

- Stable, ergonomically shaped armrests with curved support surface (350 x 120 mm)
- Height-adjustable and equipped with a ball joint for 360-degree rotation
- Designed for personalized adjustment to the surgeon
- Optionally available with one-hand release
- Optionally available with linear guide and one-hand release



Chassis

- 4 high-quality, smooth-running double castors
- 5th castor for added resistance to tipping
- Optimized foot space
- Central braking system effective on 4 castors
- Integrated foot keypad panel for seat height adjustment
- Power supply-independent battery box with emergency stop button



Technical specifications

Lifting column

- Drive 3,000 N (IPX4)
- Lifting height 200 mm

Chassis

- L x W (incl. braking system/foot keypad) 650 x 600 mm
- Castors \varnothing 100 mm
- 5th castor \varnothing 65 mm
- Central brake acting on all four castors
- Emergency stop button

Battery unit

- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2 x 12 V, 7.2 Ah
- Universal battery charger: Input: 100 – 240 V
Output: 30 V

Seating systems:

Comfort | Dynamic

- Min. sitting height 550 mm | 600 mm
- Max. sitting height 750 mm | 800 mm
- Seat angle adjustments $-5^{\circ}/+5^{\circ}$ | -12°
- Back angle adjustments $-25^{\circ}/+5^{\circ}$ | -16°

Weight

45 kg

Max. load

150 kg

Subject to technical modifications.

Technical dimensions

Seating system Comfort

Minimum



Specifications in mm

Maximum



Seating system Dynamic

Minimum



Maximum



surgiLine

Item No.: 2200 0008 with Formed seat (Illustration)
 Item No.: 2200 0013 with Comfort seat

The quintessential timeless surgeon chair for microsurgery. The *surgiLine* is a tried and tested classic and a reliable partner in the operating room. It has a rugged steel frame yet is easy to maneuver thanks to its high-grade double castors. The seat and backrest are height-adjustable and promote a healthy sitting posture thanks to *surgiLine's* special lumbar support. The armrests can be individually adjusted for each surgeon. Available in two seating system types: Formed seat or Comfort.



Seating systems



Seat angle adjustment

Back angle adjustment

Back height adjustment

Upholstery/color card



Formed seat



Formed seat

Standard color
 anthracite
 Item No.: 3037 0052



„skai® Tundra“ page 96
 „skai® Pandoria Plus“ page 97



Comfort

Seat angle adjustment

Back angle adjustment

Back height adjustment

Standard color
 black
 Item No.: 3037 0235



Comfort



„PeriLine“ page 99

Armrests

- Stable, ergonomically shaped armrests with curved support surface (350 x 120 mm)
- Height-adjustable and equipped with a ball joint for 360-degree rotation
- Designed for personalized adjustment to the surgeon
- Optionally available with one-hand release
- Optionally available with linear guide and one-hand release



Chassis

- Powder-coated tubular steel frame with sanitary, scratch-resistant high-shine plastic cover panels
- 4 high-quality, smooth-running double castors
- Central braking system effective on 4 castors
- Integrated foot keypad panel for seat height adjustment
- Power supply-independent battery box with emergency stop button



Technical specifications

Lifting column

- Drive 3,000 N (IPX4)
- Lifting height 200 mm

Chassis

- L x W (incl. braking system/foot keypad) 640 x 600 mm
- Castors ø 100 mm
- Central brake acting on all four castors
- Emergency stop button

Battery unit

- Battery box with 2 batteries (lead-gel), pollution free, maintenance-free, cadmium-free 2 x 12 V, 7.2 Ah
- Universal battery charger: Input: 100 – 240 V
Output: 30 V

Seating systems:

Formed seat | Comfort

- Min. sitting height 530 mm | 550 mm
- Max. sitting height 730 mm | 750 mm
- Seat angle adjustments -5°/+6° | -5°/+5°
- Back angle adjustments -18°/+5° | -25°/+5°

Weight

45 kg

Max. load

150 kg

Subject to technical modifications.

Technical dimensions

Seating system Formed seat

Minimum



Specifications in mm

Maximum



600

Seating system Comfort

Minimum



Maximum



600

Components



surgiTrend
Dynamic seat Item No.: 2200 0010



surgiTrend
Comfort seat Item No.: 2200 0012



surgiLine
Formed seat Item No.: 2200 0008



surgiLine
Comfort seat Item No.: 2200 0013



Backup battery

Item No.: 3047 0000



Armrest pair with linear guide and one-hand release, factory-fitted

Item No.: 3351 1006



Armrest pair with one-hand release, factory-fitted

Item No.: 3351 1004



surgiTrend
Footswitch plate
480x715 mm, height 53 mm

Item No.: 3351 1011



surgiLine
Footswitch plate
480x715 mm, height 53 mm

Item No.: 3351 0014



UNIVERSITÄTSKLINIKUM ESSEN (Essen, DE)

PERFORMANCE
LINE

Assistant's chairs

Our operating room assistant for eye and microsurgery. Available with various seat and adjustment systems – to meet your personal needs. For a healthy back and sitting comfort.

**Team reinforcement
in a rich selection**

performanceLine

assistTrend

Item No.: 2500 0002



efficiencyClass

assistPro F

Item No.: 2400 0005



assistPro H

Item No.: 2400 0009



efficiencyClass

easyPro F

Item No.: 2400 0010



easyPro R

Item No.: 2400 0013



functionalClass

easyLine F

Item No.: 2400 0020



easyLine R

Item No.: 2400 0022



functionalClass

assistLine

Item No.: 2400 0015



assistTrend



Item No.: 2500 0002

The ergonomic assistant chair.
The innovation for a healthy back.

Chassis

- High-grade 5-arm aluminium pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

Seating system

Dynamic seat

- Innovative seating system Dynamic for a healthy lower back
- Supports a correct, back-friendly sitting posture
- Reduces neck and back tension caused by prolonged sitting
- Durable, easy-care seat cover made of medical-grade artificial leather
- Height and angle adjustable lumbar support



Flexibility



The seating system Dynamic has a lumbar support which is activated automatically by the surgeon's bodyweight.



Technical specifications

Lifting column

- Height adjustment 580–780 mm
- For body height of 1.75–1.95 m

Chassis

- Five legged chassis \varnothing 585 mm
- Castors \varnothing 65 mm

Dynamic seat

- D x W x H (incl. back part) 390 x 440 x 410 mm
- Seat/back angle adjustment +12°

Weight

75 kg

Max. load

130 kg

Subject to technical modifications.



- Sterile, comfortable height adjustment via foottriggered gas pressure spring
- Flexible height adjustment from 58 to 78 cm
- Intensity of ergonomic support can be adjusted underneath the seat
- Optionally available with arm supports

Standard color

black

Item No.: 3037 0021



Dynamic

„Stamskin® Top“ on page 98

assistPro



assistPro F Item No.: 2400 0005
 assistPro H Item No.: 2400 0009

The perfect assistant's chair for your OR.

Chassis

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms



Technical specifications

Lifting column

- Height adjustment *assistPro F* 530–730 mm
- assistPro H* 520–720 mm

Chassis

- Five legged chassis \varnothing 585 mm
- Castors \varnothing 65 mm

Comfort seat

- D x W x H (incl. back part) 385 x 425 x 540 mm
- Seat angle adjustment $-5^{\circ}/+5^{\circ}$
- Back angle adjustment $-25^{\circ}/+5^{\circ}$

Weight

- assistPro F* 12 kg
- assistPro H* 11 kg

Max. load

130 kg

Subject to technical modifications.

Seating system



Comfort Seat

- Ergonomically shaped seat and backrest with lumbar support
- Support for correct, back-friendly sitting posture and reduction of tension caused by prolonged sitting
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements
- Optionally available with electrically conductive upholstery



Flexibility

Variants



- Sterile, comfortable height adjustment via foottriggered gas pressure spring (*assistPro F*)
- Classic seat height adjustment via manual trigger underneath the seat (*assistPro H*)
- Flexible height adjustment from 53 to 73 cm (*assistPro F*) and 52 to 72 cm (*assistPro H*)
- Optionally available with arm supports (*assistPro F*)

Standard color

black

Item No.: 3037 0235



„PeriLine“ on page 99

Comfort

easyPro



easyPro F Item No.: 2400 0010
 easyPro R Item No.: 2400 0013

The comfortable assistant chair for your OR.

Chassis

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

Seating system

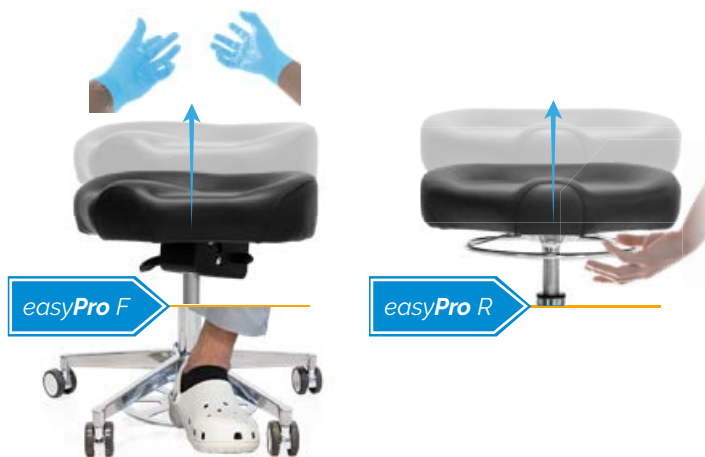
Comfort seat

- Ergonomically shaped, ultra comfortable, large-surface seat element
- Comfort upholstery
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements



Flexibility

Variants



Technical specifications

Lifting column

• Height adjustment	easyPro F	510 – 710 mm
	easyPro R	520 – 700 mm

Chassis

• Five legged chassis	ø 585 mm
• Castors	ø 65 mm

Comfort seat

• D x W x H	385 x 425 x 100 mm
• Seat angle adjustment	easyPro F -5°/+5°

Weight

9 kg

Max. load

130 kg

Subject to technical modifications.

- Sterile, comfortable height adjustment via foottriggered gas pressure spring (easyPro F)
- Classic seat height adjustment via hand-operated ring (easyPro R) underneath the seat
- Flexible height adjustment from 51 to 71 cm (easyPro F) and 52 to 70 cm (easyPro R)

Standard color

black

Item No.: 3037 0235



„PeriLine“ on page 99

Comfort

easyLine



easyLine F Item No.: 2400 0020
 easyLine R Item No.: 2400 0022

The all-rounder for your OR.

Chassis

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms



Seating system

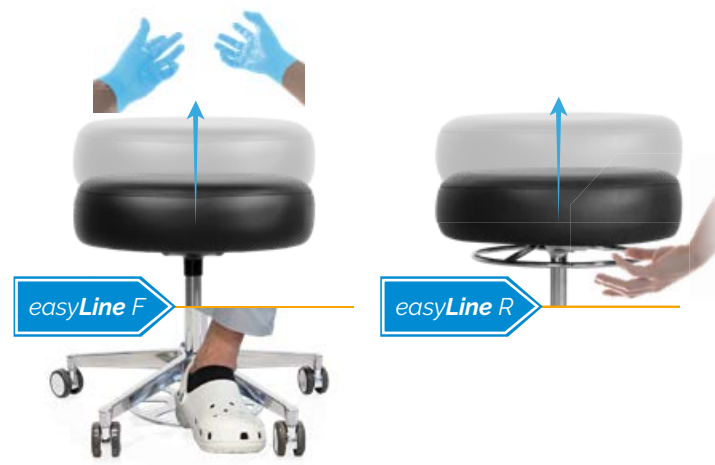
Round seat

- Ultra comfortable, large-surface seat part, thick seat cushion with high adaptability
- Comfort upholstery
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements



Flexibility

Variants



Technical specifications

Lifting column

- Height adjustment *easyLine F* 580 – 760 mm
easyLine R 575 – 760 mm

Chassis

- Five legged chassis \varnothing 585 mm
- Castors \varnothing 65 mm

Round seat

- D x W x H 400 x 400 x 105 mm

Weight

- easyLine F* 9.8 kg
easyLine R 7.6 kg

Max. load

130 kg

Subject to technical modifications.

- Sterile, comfortable height adjustment via foottriggered gas pressure spring (*easyLine F*)
- Classic seat height adjustment via hand-operated ring (*easyLine R*) underneath the seat
- Flexible height adjustment from 58 to 76 cm (*easyLine F*) and 57.5 to 76 cm (*easyLine R*)

Standard color

black

Item No.: 3037 0235



Round seat

„PeriLine“ on page 99

assistLine



Item No.: 2400 0015

The one with the cushy saddle seat.

Chassis

- High-grade 5-arm aluminum pedestal
- Excellent handling characteristics thanks to smooth-running double castors
- Optionally available with braking double castors
- Supports loads up to 130 kilograms

Seating system

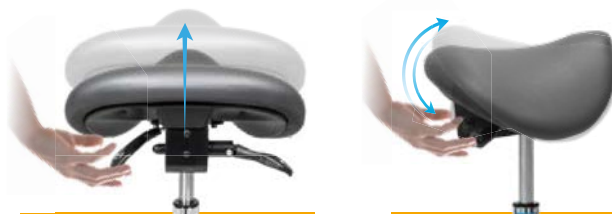
Saddle seat

- Ergonomic saddle seat
- Allows the assistants to sit in comfort
- Prevents tension pain and fatigue
- Supports blood circulation
- Durable, easy-care seat cover made of medical-grade artificial leather to meet the highest OR requirements



Flexibility

The height and inclination of the seat can be individually adjusted using a lever.



Technical specifications

Lifting column

- Height adjustment 520 – 720 mm

Chassis

- Five legged chassis ø 585 mm
- Castors ø 65 mm

Saddle seat

- D x W x H 350 x 425 x 180 mm
- Seat angle adjustment -5°/+5°

Weight

7.5 kg

Max. load

130 kg

Subject to technical modifications.

Standard color

anthracite

Item No.: 3037 0052



Saddle seat

„skai® Tundra“ on page 96

„skai® Pandoria Plus“ on page 97

Components



assistTrend
Item No.: 2500 0002



assistPro F
Item No.: 2400 0005



assistPro H
Item No.: 2400 0009



assistTrend
Armrest pair
incl. traverse

Item No.: 3300 0000



assistPro F
Armrest pair
incl. traverse

Item No.: 3351 0038



easyPro F
Item No.: 2400 0010



easyPro R
Item No.: 2400 0013



Double rimmed castor,
65 mm, with braking function

Item No.: 3351 0040

Components



easyLine F
Item No.: 2400 0020



easyLine R
Item No.: 2400 0022



assistLine
Item No.: 2400 0015



Double rimmed castor,
65 mm, with braking function

Item No.: 3351 0040



UNIVERSITÄTSKLINIKUM ESSEN (Essen, DE)

Regulatory information on the equipment's registration as a medical device



UFSK Item No.	Medical device Category		Active medical device	Medical device CE conformity	Performance characteristics in accordance with basic standards	Electrical safety
<i>eyeForce</i> 1800 0000	Treatment chair	electrically adjustable/safety extra-low voltage	DC battery operated	<p>in the EU: Class I Conformity assessment procedure in accordance with Annexes II and III, Regulation (EU) 2017/745, Art. 52 (7)</p> <p>in the US/FDA: Class I Conformity assessment in accordance with 21 CFR Part 886, 510(k) Exempt</p>	DIN EN 60601-1, DIN EN 60601-1-2	<p>DIN EN 60601-1 Protection class II, Type B</p> <p>DIN EN 60529 Degree of Protection IP24</p> <p>DIN EN 62353 Technical Safety Inspection once per year</p>
<i>500 XLE</i> 1500 0006						
<i>500 XLE comfort</i> 1500 0006 + 3037 0080						
<i>500 XLS</i> 1500 0005						
<i>500 ECO</i> 1500 0008			main connection, via integrated power supply (100 – 240 V) incl. isolating transformer			
<i>motionLine-E</i> 1700 0001	Transport- and relaxing chair					
<i>surgiForce</i> 2600 0004 2600 0008	Surgeon's chair		DC battery operated			
<i>surgiForce light</i> 2600 0006 2600 0009						
<i>surgiTrend</i> 2200 0010 2200 0012						
<i>surgiLine</i> 2200 0008 2200 0013						

UFSK Item No.	Medical device Category	Active medical device	Medical device CE conformity	Quality/performance characteristics and equipment safety
<i>motionLine</i> 1700 0000	Transport- and relaxing chair	pneumatically adjustable		
<i>400 XL</i> 1400 0001	Treatment table	hydraulically adjustable		
<i>assistTrend</i> 2500 0002	Assistant's chair	pneumatically adjustable	<p>in the EU: Class I</p> <p>Conformity assessment procedure in accordance with Annexes II and III, Regulation (EU) 2017/745, Art. 52 (7)</p> <p>in the US/FDA: Class I</p> <p>Conformity assessment in accordance with 21 CFR Part 886, 510(k) Exempt</p>	<p>in accordance with Regulation (EU) 2017/745, Art. 52 (7)</p> <p>Technical Safety Inspection once per year</p>
<i>assistPro F</i> 2400 0005				
<i>assistPro H</i> 2400 0009				
<i>easyPro F</i> 2400 0010				
<i>easyPro R</i> 2400 0013				
<i>easyLine F</i> 2400 0020				
<i>easyLine R</i> 2400 0022				
<i>assistLine</i> 2400 0015				
<i>supportLine</i> 3351 0026	Instrument table		<p>in the EU: Class I</p> <p>Conformity assessment procedure in accordance with Annexes II and III, Regulation (EU) 2017/745, Art. 52 (7)</p>	

Color cards



Customize the upholstery of your products to color-coordinate them with your workplace environment.



To do this, select one or two colors (main and accent color - as with the 500 **XLE** *comfort* and 500 **ECO**) from one of the following color cards.



Application example *motionLine-E*

The colors displayed on your device may differ slightly from the original colors. If you wish to receive original color charts, please contact us at info@ufsk-osys.com.

Example: standard version

-  **Main color:**
anthrazit F6461197
Item No.: 3037 0052
-  **Accent color:**
chrom F6461205
Item No.: 3037 0056





500 XLE comfort

Item No.: 1500 0006
+ 3037 0080



Examples of color combinations

-  schoko F6461357
Item No.: 3037 0060
-  feuer F6461454
Item No.: 3037 0063



-  safran F6461542
Item No.: 3037 0069
-  schoko F6461357
Item No.: 3037 0060



-  atoll F6461453
Item No.: 3037 0062
-  weiß F6461198
Item No.: 3037 0134



Color card
skai® Tundra



High quality skai® material with fine calf leather grain and subdued matte-gloss-effect. The very extensive and trend-orientated color spectrum enables many applications and combinations.

Product Specification

- Long-lasting
- Tear resistant
- Easy to clean
- Abrasion resistant (DIN EN ISO 6570-2)
- Lightfast
- Disinfectant resistant
- Biocompatibility: cytotoxicity (EN ISO 10 993-5) and epicutaneous test (EN ISO 10 993-10)
- Blood- and urine resistant
- Phthalate-free
- Vegan

<i>eyeForce</i>		1800 0000
<i>500 XLE</i>		1500 0006
<i>500 XLE comfort</i>		1500 0006
		+ 3037 0080
<i>500 XLS</i>		1500 0005
<i>500 ECO</i>		1500 0008
<i>400 XL</i>		1400 0001
<i>surgiForce</i>	Formed seat	2600 0008
<i>surgiForce light</i>	Formed seat	2600 0009
<i>surgiLine</i>	Formed seat	2200 0008
<i>assistLine</i>		2400 0015
<i>motionLine</i>		1700 0000
<i>motionLine-E</i>		1700 0001

+ Item No.: 3037 0...

weiß F6461198 Item No.:134	creme F6461210 Item No.:057	beige F6461636 Item No.:094	sand F6461230 Item No.:058	pistazio F6461610 Item No.:153	mint F6461495 Item No.:067	aqua F6461456 Item No.:001	türkis F6461338 Item No.:008
perle F6461288 Item No.:007	silber F6461550 Item No.:070	stone F6461608 Item No.:075	bleu F6461496 Item No.:068	dolphin F6461609 Item No.:076	sky F6461581 Item No.:073	royal F6461196 Item No.:051	atoll F6461453 Item No.:062
violett F6461356 Item No.:059	cyclame F6461381 Item No.:119	orchidee F6461354 Item No.:011	bordeaux F6461350 Item No.:010	kirsche F6461199 Item No.:054	feuer F6461454 Item No.:063	karneol F6461557 Item No.:072	orange F6461556 Item No.:071
apricot F6461458 Item No.:066	mais F6461457 Item No.:065	mango F6461607 Item No.:074	safran F6461542 Item No.:069	limonade F6461343 Item No.:009	limone F6461543 Item No.:109	smaragd F6461455 Item No.:064	agave F6461273 Item No.:006
chrom F6461205 Item No.:056	ocean F6461204 Item No.:055	schoko F6461357 Item No.:060	schwarz F6461195 Item No.:050	anthrazit F6461197 Item No.:052			

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Color card

skai® Pandoria Plus



skai® Pandoria Plus is a high-quality upholstery material, whose fine micropore structure gives a certain unobtrusiveness, which is refined by an attractive tone-in-tone effect. The very pleasant feel of the material and the excellent material characteristic and the broad, modern color spectrum make skai® Pandoria Plus universally usable.

Product Specification

- Long-lasting
- Tear resistant
- Easy to clean
- Abrasion resistant (DIN EN ISO 5470-2)
- Resistant to oil and fat
- Lightfast
- Disinfectant resistant
- Flame protection
- Biocompatibility: cytotoxicity (EN ISO 10 993-5) and epicutaneous test (EN ISO 10 993-10)
- Resistant to sudor, blood and urine
- Antibacterial according to JIS Z 2801
- Vegan

<i>eyeForce</i>		1800 0000
<i>500 XLE</i>		1500 0006
<i>500 XLE comfort</i>		1500 0006
		+ 3037 0080
<i>500 XLS</i>		1500 0005
<i>500 ECO</i>		1500 0008
<i>400 XL</i>		1400 0001
<i>surgiForce</i>	Formed seat	2600 0008
<i>surgiForce light</i>	Formed seat	2600 0009
<i>surgiLine</i>	Formed seat	2200 0008
<i>assistLine</i>		2400 0015
<i>motionLine</i>		1700 0000
<i>motionLine-E</i>		1700 0001

+ Item No.: 3037 0136
 + Item No.: 3037 0...

weiß F6413046 Item No.:053	hellbeige F6413047 Item No.:141	kiesel F6413048 Item No.:158	birke F6413049 Item No.:159	smoke F6413050 Item No.:221
silbergrau F6413075 Item No.:275	platin F6413053 Item No.:161	anthrazit F6413076 Item No.:276	schwarz F6413052 Item No.:170	schoko F6413051 Item No.:160
gletscher F6413055 Item No.:162	sky F6413074 Item No.:277	royal F6413056 Item No.:163	smaragd F6413073 Item No.:278	kaktus F6413077 Item No.:281
feuer F6413058 Item No.:166	kirsche F6413079 Item No.:279	fuchsia F6413078 Item No.:280	mais F6413057 Item No.:164	limone F6413054 Item No.:165

The colors displayed on your device may differ slightly from the original colors. If you wish to receive original color charts, please contact us at info@ufsk-osys.com.

Color card

Stamskin® Top



User friendly: High flexibility of the material ensures a perfect finish.

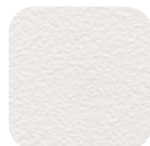
Safe for the user: Phthalate-free, easy to clean and fulfills fire safety standards.

Product Specification

- Extremely durable
- Phthalate free
- Easy to clean
- Flame protection
- Mildew resistant

surgiTrend Dynamic seat 2200 0010
assistTrend 2500 0002

+ Item No.: 3037 0...



F4340-10120
Item No.:023



F4340-07422
Item No.:016



F4340-20130
Item No.:084



F4340-20156
Item No.:207



F4340-50622
Item No.:215



F4340-50623
Item No.:216



F4340-20129
Item No.:146



F4340-00002
Item No.:021



F4340-20162
Item No.:205



F4340-20161
Item No.:206



F4340-20150
Item No.:204



F4340-5015
Item No.:198



F4340-07496
Item No.:046



F4340-07432
Item No.:002



F4340-20154
Item No.:208



F4340-07445
Item No.:030



F4340-50621
Item No.:199



F4340-07480
Item No.:039



F4340-07436
Item No.:020



F4340-10295
Item No.:044



F4340-07459
Item No.:028



F4340-20157
Item No.:211



F4340-5347
Item No.:209



F4340-50454
Item No.:210



F4340-20149
Item No.:212



F4340-50619
Item No.:214



F4340-20127
Item No.:079



F4340-07477
Item No.:036



F4340-07476
Item No.:035



F4340-50618
Item No.:220



F4340-07485
Item No.:034



F4340-50620
Item No.:213



F4340-07478
Item No.:037



F4340-07479
Item No.:038

The colors displayed on your device may differ slightly from the original colors. If you wish to receive original color charts, please contact us at info@ufsk-osys.com.

Color card
PeriLine



Product Specification

- Without Phthalates
- Biocompatibility: cytotoxicity (EN ISO 10 993-5) and epicutaneous test (EN ISO 10 993-10)
- Urine resistance
- Blood resistance
- Resistance to perspiration
- Resistance to spitting
- Light fastness
- Color fastness to rubbing
- Flame retardant

<i>surgiForce</i>	Comfort seat	2600 0004
<i>surgiForce light</i>	Comfort seat	2600 0006
<i>surgiTrend</i>	Comfort seat	2200 0012
<i>surgiLine</i>	Comfort seat	2200 0013
<i>assistPro F</i>		2400 0005
<i>assistPro H</i>		2400 0009
<i>easyPro F</i>		2400 0010
<i>easyPro R</i>		2400 0013
<i>easyLine F</i>		2400 0020
<i>easyLine R</i>		2400 0022

+ Item No.: 3037 0...

				
kastanie 015817 Item No.:240	light brown 016037 Item No.:239	creme 015812 Item No.:225	weiß 010881 Item No.:224	stein 015813 Item No.:236
				
saphir 015814 Item No.:231	delft 010766 Item No.:241	antistatisch schwarz Item No.:223	schwarz 011499 Item No.:235	anthracit 016046 Item No.:234
				
azur 015815 Item No.:230	aubergine 016041 Item No.:229	lavendel 016042 Item No.:228	rot 010878 Item No.:238	orange 016040 Item No.:237
				
kiwi 015816 Item No.:232	lime green 016043 Item No.:232	lemon 016039 Item No.:226	safran 010879 Item No.:227	

The colors displayed on your device may differ slightly from the original colors. If you wish to receive original color charts, please contact us at info@ufsk-osys.com.

Disposables and practice equipment



The **UFSK-OSYS** hygiene supplies. Efficient equipment protection - recommended by the manufacturer, because we know best what suits our products.

Cover drapes

stayClean

Item No.: 3034 0014



Application example 500 **XLE**

Paper roll

stayClean roll

Item No.: 3034 0021



Application example 500 **ECO**



Preventive Disposables

The **UFSK-OSYS** hygiene supplies protect and preserve the patient, the user and also the surgical equipment.

Kick bucket

stayClean kick bucket

Item No.: 3351 1046



Laundry and waste collector

stayClean collector

1 compartment without lid
2 compartments without lid
1 compartment with lid
2 compartments with lid

Item No.: 3351 1049

Item No.: 3351 1050

Item No.: 3351 1048

Item No.: 3351 1051



stayClean

Cover drapes

Item No.: 3034 0014

2,000 x 730 mm, box á 160 Pieces, 4 x 40 Pieces

Treatment chairs – ready for the next patient in no time. Perfect fit.

**Equipment protection
made easy**



Application examples 500 XLE and eyeForce

Equipment protection – cover drapes for treatment chairs

Perfect protection of the equipment

- Protection against corrosion
- Perfect-fit synthetic equipment protection including barrier function
- Minimized soiling of the upholstery
- With integrated headrest hood
- "Two layer" composite material made from PE film (underside) and PP non-woven flocking



Hygienic protection for the patient

- Disposable product, hygienically packed
- Pleasant soft feel
- Absorbent and tear-resistant
- Impermeable to liquids and waterproof

The functional disposable cover drape

Advantages

- Easy replacement of used drapes
- No sliding thanks to the hood
- Enormous time savings
- Low purchasing costs



Application



Application example 500 XLE

stayClean roll

Paper roll

Item No.: 3034 0021

Carton á 9 pieces (á 50 cm x 50 m)

The *stayClean roll* tear-off cloths protect your treatment chairs and tables perfectly and quickly ensure hygiene. The perforated cellulose patient pads are particularly user-friendly as they can be easily unrolled and torn off, allowing controlled consumption.

**Efficient
& secure**



Example of use

500 *ECO*
+ Paper roll holder
+ *stayClean roll*

Item No.: 1500 0008
Item No.: 3351 1031
Item No.: 3034 0021

The practical disposable cloth from the roll

Perfect protection of the devices and practical hygiene protection for patients

- Thanks to its short perforation, the *stayClean roll* is suitable for all common treatment chairs and tables
- The 2-layer pulp is very absorbent and excellently suitable for everyday use for outpatient treatments
- The very soft and skin-friendly texture provides a pleasant feeling of lying and hygiene

Scope of delivery

9 rolls (á 50 cm x 50 m)
made of pure cellulose,
hygienically single packed



stayClean kick bucket



Item No.: 3351 1046
ø 460 x 410 mm, capacity 12l

Kick bucket with removable 12-liter bucket. The four steerable castors of the *stayClean kick bucket* make it easy to move and position in the room.

The mobile collection container for waste such as consumables.



Robust assistant in the OR

Chassis

Sturdy chrome-nickel steel discharge frame with four steerable double castors - two of which are electrically conductive. All-round rubber bumper to protect against collisions with other appliances and for easy maneuverability with the foot. Good corrosion resistance.



Technical specifications

Maximum dimensions (ø x H)

Circular base incl. bucket	ø 460 x 410 mm
Bucket with handle	ø 310 x 440 mm
Frame height	245 mm

Circular base

- CNS (chrome-nickel steel), stainless
- 4 double castors
(2x electrically conductive) ø 50 mm
- PVC impact protection
- Without push handle

Bucket with handle

- Capacity 12 liters
- CNS (chrome-nickel steel), stainless

Total weight

6 kg

Subject to technical modifications.



stayClean collector

Laundry and waste collector

NEW

Item No.: 3351 1049	1 compartment, without lid
Item No.: 3351 1050	2 compartments, without lid
Item No.: 3351 1048	1 compartment, with lid
Item No.: 3351 1051	2 compartments, with lid

The practical collector for your OR

With its stable, self-supporting and hygienic design made of high-quality stainless steel, the *stayClean collector* is used to collect and transport waste or dirty laundry in standard transport bags. It is available in four different versions: with one or two compartments and with or without a lid (incl. foot pedal).

Its open construction consists of a holding frame that is firmly welded to a base plate using stand tubes. Four castors provide the necessary mobility in the treatment room.



Flexible
& solid

Secure hold for transport bags

Upper frame

The holding frame on two or three upright tubes (see illustration) is encased in an integrated rubber seal and is used to hold a transport bag securely and hygienically.

In the version with lid, the opening mechanism is located at the rear of the holding frame in the form of a vertical tube. Thanks to this position, the mechanism does not interfere with the laundry bag or bin liner.



Technical specifications

Dimensions (LxWxH)

1 compartment, without lid	450 x 350 x 905 mm
2 compartments, without lid	450 x 680 x 905 mm
1 compartment, with lid	496 x 350 x 913 mm
2 compartments, with lid	496 x 680 x 913 mm

- Holding frame, stand tubes and base plate made of CNS (chrome-nickel steel), corrosion-resistant
- Plastic lid
- 4 swivel castors (2x brakable) ø 75 mm
in corrosion-resistant housing

Total weight

1 compartment, without lid	7,5 kg
2 compartments, without lid	12,8 kg
1 compartment, with lid	9,2 kg
2 compartments, with lid	16,3 kg

Subject to technical modifications.

Robust assistant in the OR

Chassis

The stainless steel base plate, beveled on all sides, is supported by four steerable castors - two of which can be braked. This results in a stable and secure stand.

The hygienic lid can be opened without contact using the foot lever.



UFSK-International OSYS GmbH



DR. KANAL (WIESBADEN, DE)

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easyLine R



assistLine



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