# UFSK
## INTERNATIONAL
# OSYS

# *500 XLE*

## TREATMENT CHAIR

E

2024 V03

ENJOY QUALITY AND DESIGN

# 500 XLE

**Item No.:** *1500 0006*

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

**Powerful and agile**



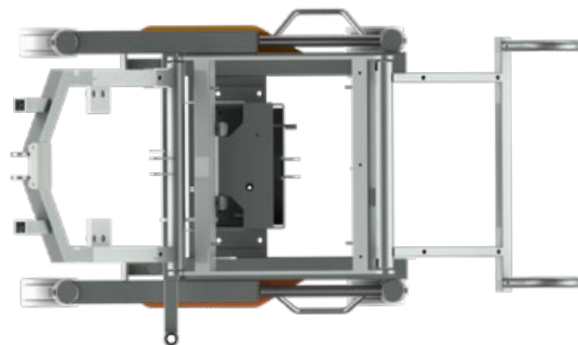## MED.TEC at its highest level

### Double castors

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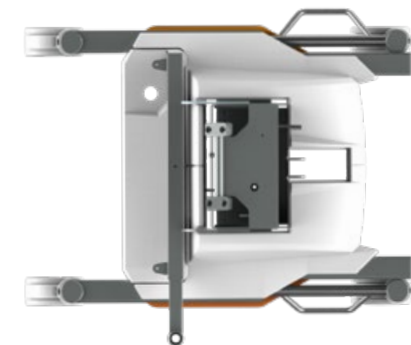


### Chassis/frame

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.
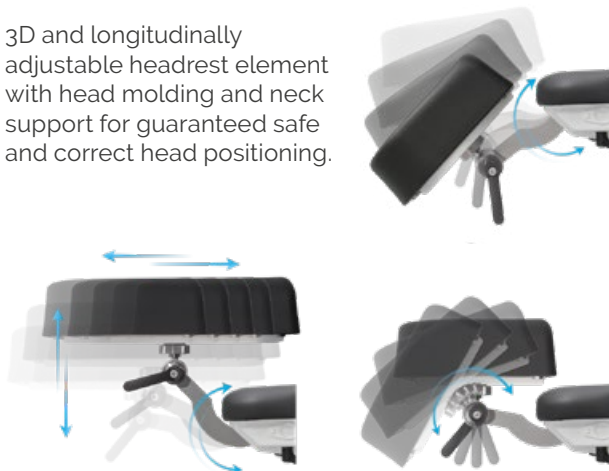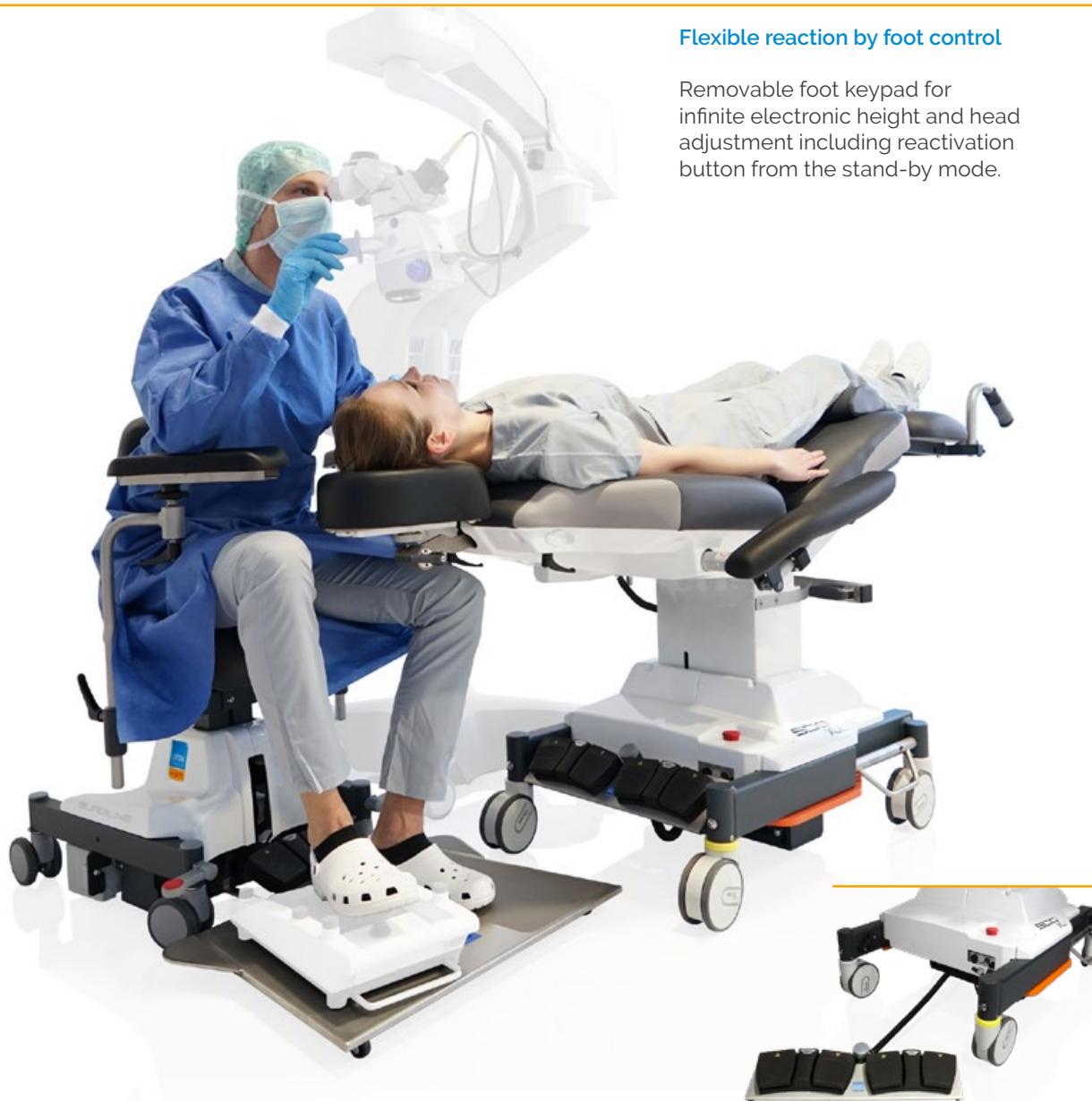


## Components

### 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

## Hand control

### Multi-functional manual keypad

Battery charge indicator

Reset button

CPR button

Auto run function

8 free configurable memory positions

## Positioning by hand control

### Standard recommended memo keys

For additional desired memory positions, the system features three additional numeric keys.



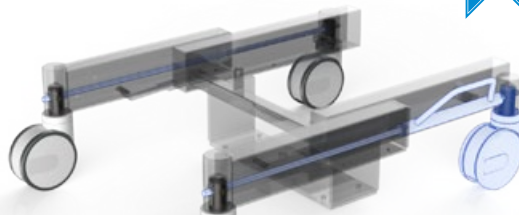| 1 | Transport |
| 2 | Anesthesia |
| 3 | Treatment/surgery 1 |
| 4 | Treatment/surgery 2 |
| 5 | Flat position |

# Mechanical maneuvering aid on the chassis

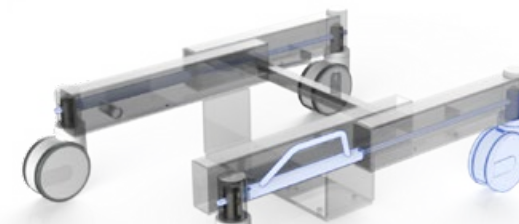## Operation via foot lever on the chassis

Activation of directional guidance

Pushing from
the head direction



Pushing from
the foot direction



PREVENTIVE
TECHNOLOGY

# Braking system

## Manually adjustable foot lever

Castors are
braked
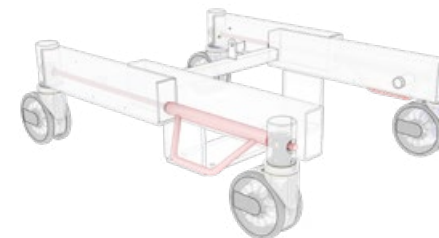


Castors are released,
directional guidance is
deactivated
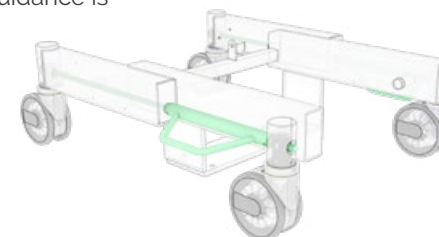
# Push handles

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 upholstering and integrated knee support cushion, individually positionable to suit every patient's body height. The treatment chair featuring comfort upholstering 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.

## 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.

# Components

## 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*

190 mm

# Technical specifications

## 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                              ø 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 |
| Armrests | 0°/+180° | (2 x) 470 x 75 mm |

- 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

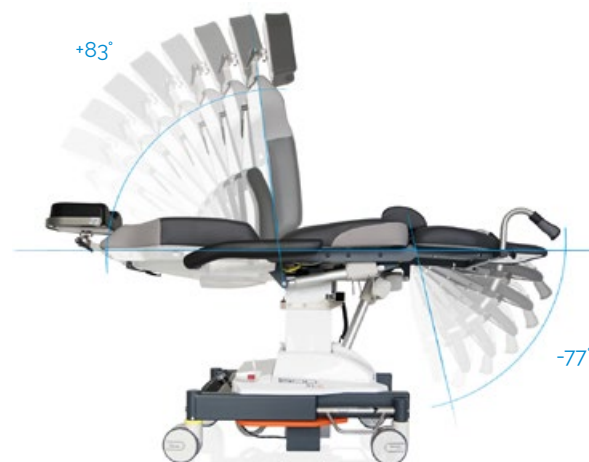## Lifting column

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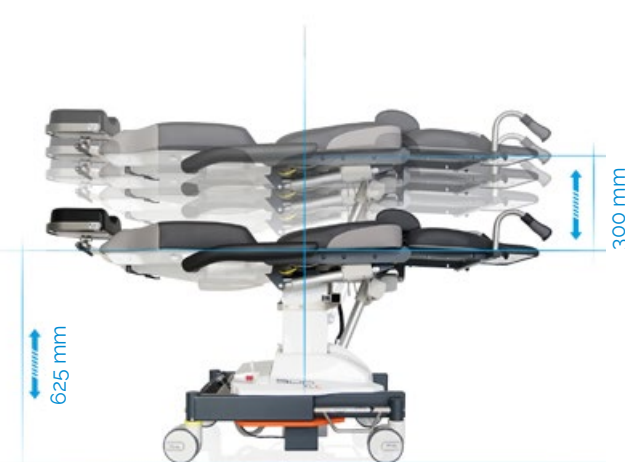- Motors IP54 with HAL sensors, to be memorized

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## Trendelenburg/Reverse Trendelenburg/CPR



+5°
-12°

## Back part/leg part



+83°
-77°

## Height adjustment



300 mm
625 mm

## 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® Pandoria Plus"
on page 97

# Components

*PERFORMANCE LINE*



*500 **XLE***
**Item No.:** 1500 0006



*500 **XLE** comfort*
Comfort upholstery incl. integrated knee roll, upcharge
**Item No.:** 1500 0006 + 3037 0080

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Side parts right and left, swiveling incl. locking, upholstered, 580 × 200 mm

Item No.: 3351 0012

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Norm rail seat part

Item No.: 3351 0047

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Side parts right and left, 580 × 200 mm, incl. quick-release clamp for mounting on norm rail (norm rail 3351 0047 not included)

Item No.: 3351 0050

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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

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Flexible surgical drape support rod

Item No.: 3205 0000

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Flexible surgical drape support rod with air connection

Item No.: 3206 0000

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

Item No.: 3351 1023

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

Item No.: 3351 1022

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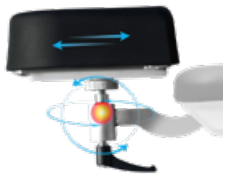
Headrest with ball joint, 360° all-round adjustment, factory-fitted

Item No.: 3351 1021

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Backup battery

Item No.: 3047 0000

---

Head part bumper stainless steel

Item No.: 3028 0000

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Wrist rest, adjustable, incl. mounting plate 3013 0000, adjustment 115 mm
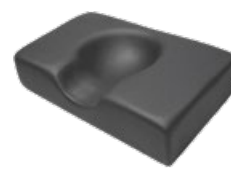
Item No.: 3014 0000

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

Item No.: 3014 0005

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Mounting plate stainless steel, for wrist rest 3014 0000 and 3014 0005
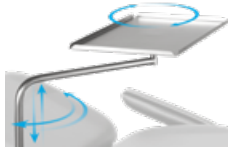
Item No.: 3013 0000

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Head fixation pillow with hollow (rubins pillow), 410 × 250 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
500 x 300 x 15 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,
600 x 280 x 140 mm,
PUD-coated
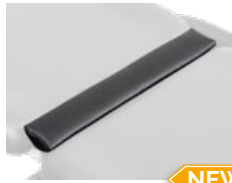
Item No.: 3019 0000

Knee roll round,
500 x 150 mm,
PUD-coated

Item No.: 3050 0000

## Medical device

Instrument table
*support***Line**
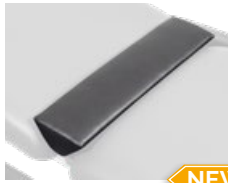height adjustable
730 – 1,000 mm

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,
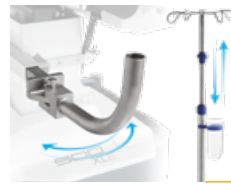factory-fitted,
upcharge

Item No.: 3351 1028

Foot protection foil

Item No.: 3092 0001

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

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

Cylinder holder

Item No.: 3072 0002

# 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 *motion**Line**-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.

## Examples of color combinations



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

## 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

| | |
|---|---|
| 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

| | | |
|---|---|---|
| *eye*Force | | 1800 0000 |
| *500* XLE | | 1500 0006 |
| *500* XLE *comfort* | | 1500 0006 |
| | | + 3037 0080 |
| *500* XLS | | 1500 0005 |
| *500* ECO | | 1500 0008 |
| *400* XL | | 1400 0001 |
| *surgi*Force | Formed seat | 2600 0008 |
| *surgi*Force *light* | Formed seat | 2600 0009 |
| *surgi*Line | Formed seat | 2200 0008 |
| *assist*Line | | 2400 0015 |
| *motion*Line | | 1700 0000 |
| *motion*Line-E | | 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

| | | |
|---|---|---|
| *eye***Force** | | 1800 0000 |
| *500* **XLE** | | 1500 0006 |
| *500* **XLE** *comfort* | | 1500 0006 |
| | | + 3037 0080 |
| *500* **XLS** | | 1500 0005 |
| *500* **ECO** | | 1500 0008 |
| *400* **XL** | | 1400 0001 |
| *surgi***Force** | Formed seat | 2600 0008 |
| *surgi***Force** *light* | Formed seat | 2600 0009 |
| *surgi***Line** | Formed seat | 2200 0008 |
| *assist***Line** | | 2400 0015 |
| *motion***Line** | | 1700 0000 |
| *motion***Line**-E | | 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*

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# Upgrade your OR to perfection.

eyeForce    500 XLE    500 XLE comfort    500 XLS    500 ECO    400 XL    motionLine    motionLine-E

surgiForce    surgiForce light    surgiTrend    surgiLine    stayClean    stayClean roll    stayClean kick bucket    stayClean collector

assistTrend    assistPro F    assistPro H    easyPro F    easyPro R    easyLine F    easyLine R    assistLine    supportLine

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**UFSK INTERNATIONAL OSYS**

**MADE IN GERMANY**
Design | Construction | Manufacturing