QUALITY MEETS COMFORT
QUALITY MEETS COMFORT
PRODUCTS

BRUMABA OP (Page 12-23)

OPERATING TABLE
FOCUS

OPERATING TABLE
PRIMUS

OPERATING TABLE
VARIUS

BRUMABA CL

OPERATING TABLE
GENIUS

| 14 - 15 |
| 16 - 17 |
| 18 - 21 |
| 24 - 25 |
Surgery Chairs & Stools

SURGERY STOOL
COMFORT

SURGERY CHAIR
BALANCE

SURGERY CHAIR
BALANCE PLUS

SURGERY CHAIR
THRONUS

CADDY
Brumaba surgery tables show their strengths above all in mobile surgery processes, since an exceptional construction provides them with a high degree of robustness, without losing out on flexibility. Move your patient in a rotation principle during the operation to the next “stage” without strenuous relocation!

In this way our surgery tables support smoothly running procedures, make savings in time and costs and also reduce the strain on your staff.

**SURGERY ORGANISATION**

<table>
<thead>
<tr>
<th>More efficient surgery utilisation</th>
<th>Saving of time and costs</th>
<th>Optimised surgery processes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Comfortable ingress</td>
<td>Transport</td>
<td>Preparation/Anaesthesia</td>
</tr>
<tr>
<td>01</td>
<td>02</td>
<td>03</td>
</tr>
</tbody>
</table>

**01 COMFORTABLE INGRESS**

Through the seat, which can be adjusted to extremely low seating positions, getting on and off the tables is made easier for patients with restricted mobility.

**02 TRANSPORT**

With the help of the patented steering castor undercarriage, the patient can also be transported effortlessly over large distances and through narrow corridors.

**03 PREPARATION/ANAESTHESIA**

8 different positions can be called up at the push of a button to create the optimal conditions for all those involved.
The most mobile of surgery tables is of no use if it is “chained up” by cables that get in the way! This is why all brumaba tables are operated conveniently with battery packs and have a manoeuvrable steering castor undercarriage with hygienically sealed easy-running wheels. In combination with the directional lever undercarriage, this enables a quick and precise change of position. And despite all its flexibility, “your brumaba” is ‘solid as a rock’ when you are operating: The special excenter pedestals make it particularly steady and stable when in the parked position.

**MOBILITY**

**100% wireless freedom**

The surgeon can adjust his own optimal working position on the surgery table using a memory function. This provides ideal access to the patient, and enables calm and comfortable operations.

**Surgery Positioning**

Without changing beds, in a proper and relaxed position, the patient can recover more quickly and can be brought to the egress position at the push of a button. Or the patient can easily be transferred to the BRUMABA Caddy which can be used as Chair, Bed or Transporter.

**Waking Up Phase**

Without changing beds, in a proper and relaxed position, the patient can recover more quickly and can be brought to the egress position at the push of a button. Or the patient can easily be transferred to the BRUMABA Caddy which can be used as Chair, Bed or Transporter.
Incorrectly adjusted tables can become a burden for patients.

The four patient surface segments of brumaba OP guarantee a position for the patient that is always optimal.

Our patent for an optimal lying position

Through 4 adjustable patient surfaces

Without a problem, the products of the brumaba OP series create an ergonomically professional positioning through the individual placement of the four sectors (head, back, seat and foot sections).

Correctly adjusted from an anatomical and physiological point of view, they prove to have a particular advantage in the friendly treatment of patients. This can be seen above all in the harmonic positioning of the chair in a comfortable lying position. Through the correct lying position, the muscles and breathing are relaxed, and the circulation remains stable.

Relaxed patients in particular need this optimal lying position as a sensible prevention of bedsores and complications during the operation. In addition, the pressure on specific points of the body is reduced and pressure marks are avoided by the individual adjustment of the patient surfaces.
Incorrect posture can lead to back complaints with serious consequences.

Through individual presetting of the surgery table

Daily routine surgery or lengthy operations require an anatomically correct posture for the surgery team. If this is not guaranteed, damage to the posture is pre-programmed – which in the worst case can even lead to incapacity for work!

This is why the brumaba OP line positions the patient ideally in the surgical working environment for optimal access to the patient in a sitting and standing position.

Working in a standing position is no longer a problem with brumaba OP: adjust the table to your individual working height!
For all tables in the brumaba OP series, the patented head section with calvaria enables the patient’s head to rest firmly and comfortably. At the same time the surgeon has ideal access during the entire operation.

The functions of the two-part component “head section & calvaria” are convincing in every treatment requiring an exactly defined head position. With the continuously variable motor adjustment of the inclination and a three-dimensional height and length adjustment option (ball joint) you are optimally equipped for every type of surgery. For very large patients, the table extension is used to support the shoulders.

The ball joint of the horseshoe-shaped headrest allows any position you want to be fixed.

The head section with motor adjustment allows a continuously variable adjustment of the head position even during surgery – without the loss of sterility!
MEMORY FUNCTION

Individually save and recall every position

All surgery tables of the brumaba OP series have a memory function by default. This enables the programming of 8 different lying positions, which can be set individually prior to the treatment.

Simply call up the next position using the hand or foot controls – for a harmonic and quick transition between the individual operation steps!

Especially for recurring and complicated procedures, the memory function means more operating safety and a saving of time.

The control elements

Any positions you want can be set, saved in the memory function and recalled via the hand and foot controls.

Key Benefits of our Operating Table Systems
New criteria for practices and clinics: Surgery tables from brumaba

Multifunctional, individual and hard-wearing – these attributes distinguish surgery tables from brumaba.

In 30 years of continuous development, the product programs FOCUS, PRIMUS and VARIUS were created. With their different features, they cover nearly all surgical subject areas. This, along with a wide range of accessories, makes them the perfect partner for surgeons in hospitals and practices.

For every specialist area the optimal equipment
Simple operation and handling
Optimal access to the patient
Generous leg-room for the surgeon when seated
Professional and comfortable patient positioning
For every specialist area the appropriate model

**EQUIPMENT FEATURES**

Flexibility through mobility
Individual and wide range of adjustment options
Multifunctional head section with calvaria
Massive and robust stainless steel construction
Easy to clean and disinfect

Telescopic column / 570-840 mm
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Dual telescopic column low / 520-950 mm
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Dual telescopic column high / 610-1040 mm
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Longitudinal axis tilting
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Memory function / with 8 programmes
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Split leg plates, expandable
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Telescopic head section with calvaria
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Lever and steering castor undercarriage
- **FOCUS**
- **PRIMUS**
- **VARIUS**

24V DC battery pack operation
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Hand control
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Back section extension for length adjustment
- **FOCUS**
- **PRIMUS**
- **VARIUS**

Height adjustment ranges

<table>
<thead>
<tr>
<th>FOCUS</th>
<th>PRIMUS</th>
<th>VARIUS</th>
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<tbody>
<tr>
<td>+</td>
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The brumaba OP “FOCUS” unites all positive features of our OP series. It is particularly suited for surgery in the cranial region and through its excellent mobility supports a quick and safe rotation during surgery.

**Suitable specialist fields**
- Ophthalmology
- Dental surgery
- Aesthetic surgery
- Dermatology
- Hair transplantation

**Equipment features**
- Telescopic column 570-840
- Memory function with 8 programmes
- Telescopic head section with horseshoe-shaped headrest
- Lever and steering castor undercarriage
- 24V DC battery pack operation
- Hand-held remote control
- Back section extension for length adjustment
- Stainless steel construction

**Height Adjustment** 570-840 mm
MICRO SURGERY WRIST SUPPORT makes your work in the cranial region even more precise. With its ball joint and height adjustment it provides a reliable support, both “laterally” and “vertically”.

Allround access and 100% mobility

A compact construction of patient surfaces, base plate and column guidance provides generous leg-room, particularly for the surgeon who is sitting sideways on. For microscopically guided operations you can thus achieve the perfect operating distance.
The brumaba OP “PRIMUS” is our top candidate for all head surgery operations. Its special feature: the additional longitudinal axis tilting of the patient surface.

With its patented dual telescopic column, the “PRIMUS” model is, of all surgery tables on the market, the one that can be adjusted to the lowest position. This means that it is also easy for patients with restrictions of movement to get on the table. The especially high maximum position shows its qualities above all in treatments in which the surgeon has to work in a standing position.

**SUITABLE SPECIALIST FIELDS**

- MCG surgery
- ENT surgery
- Dental surgery
- Ophthalmology
- Plastic surgery
- Aesthetic surgery
- Dermatology
- Hair transplantation

**EQUIPMENT FEATURES**

- Dual telescopic column 520-950 mm
- Longitudinal axis tilting
- Memory function with 8 programmes
- Telescopic head section with calvaria
- Lever and steering castor undercarriage
- 24V DC battery pack operation
- Hand-held remote control
- Back section extension for length adjustment
- Stainless steel construction

**Height Adjustment**

520-950 mm
For difficult or lengthy operations, the longitudinal axis tilting of the “PRIMUS” is a valuable aid. Why? The surgeon has optimal access to the operation area without having to assume awkward body positions! You can regulate the inclination of the patient surface individually via the hand control, or do this free of contamination with the foot control. Moving patients from one bed to another is also made considerably easier by the tilting of the table.

**Better access, more relaxed working**

Indispensable for surgeons working in sitting and standing positions

The patented dual telescopic column of the “PRIMUS” has a great adjustment range of 520–950 mm. This means that the surgeon can always perfectly adjust his working surface – depending on the individual work procedure and body size.

**Low Dual Telescopic Column**

The longitudinal axis can be tilted by up to 34°.

**Comfortable ingress**

The low dual telescopic column makes it easy for children and older patients to get on comfortably.
The allrounder among surgery tables.
The name says it all: With the brumaba OP,
"VARIUS" surgery table you can cover all
specialist surgical fields.

This universal allrounder among the surgery
tables stands out through the wide variety of
adjustment options. Apart from a functional
head section, longitudinal axis tilting and a great
height adjustability, the “VARIUS” provides split,
expandable leg plates for surgery in the leg area.

SUITABLE SPECIALIST FIELDS

» Out-patient surgery
» Plastic surgery
» Dermatology
» Orthopaedics
» Gynaecology
» Urology
» MCG surgery
» ENT surgery
» Ophthalmology
» General surgery

EQUIPMENT FEATURES

» Dual telescopic column 610-1040 mm
» Longitudinal axis tilting
» Memory function with 8 programmes
» Leg plates divided into two
» Telescopic head section with head calvaria
» Back section extension for length adjustment
» Lever and steering castor undercarriage
» 24V DC battery pack operation
» Hand-held remote control
» Stainless steel construction
Because ergonomy is a matter of making adjustments

The patented dual telescopic column guidance of the brumaba OP “VARIUS” allows a wide range of working heights to be set: continuously variable from 610 to 1040 mm – perfect for surgery in both sitting and standing positions! The extremely low sitting position makes it immensely easier for small patients or those restricted in their movements to get on.

Flexible and suitable for every operation

Through the two-part leg plates that can be spread out independently of each other, the brumaba OP “VARIUS” is specially qualified for surgery in the leg and lower abdominal region: The surgeon can also move unhindered between the legs of the patient and has an ideal access to the operation area. And thanks to the metal frame that is on the outside, the leg plates are even suitable for X-rays.

Radiologist’s first choice

A true allrounder, the VARIUS is the perfect choice even for mobile X-ray. A cross beam construction near the frame in the lower table section avoids irritating artefacts during exposures of the lower body. For exposures of the upper body, the patient is simply turned around so that his head is positioned at the foot end. The “external mounting with headrest” can be attached very quickly and comfortably supports the patient’s head in this position.
Examples of bedding

- Hand surgery
- Prone position
- Breast surgery
- Knee arthroscopy
- Knee-elbow position
- Lateral position
Chest region suitable for X-rays

Lateral tilting

Dorsosacral position

Chair position

Vascular surgery

Shoulder arthroscopy
The merits of brumaba OP technology

- Robust and massive stainless steel construction
- Stainless steel assembly rails for assembly of accessories and simultaneously quick release catch for the padding (especially low-maintenance)
- Special head section with dual telescopic extension, calvaria and chest section extension of 1790-2020 mm for exact length adjustment as well as a defined head positioning
- The weight of the equipment ensures optimal stability
- Maintenance-free microhydraulics for safe functionality, even under high load
- Lifting cylinder made of stainless steel for long-lasting performance and load-bearing corrosion-free modules, easily replaceable
- Designed to be as maintenance-free as possible, drive system reliable over decades
- Control elements replaceable by thick plug connection at any time (hand and foot controls)

**TECHNICAL DATA**

**TECH. DATA/DIMENSIONS**

<table>
<thead>
<tr>
<th>TOTAL LENGTH</th>
<th>TOTAL WIDTH</th>
<th>EMPTY WEIGHT</th>
<th>MAX. LOAD OF TABLE</th>
<th>MAX. LOAD OF HEAD SECTION</th>
<th>MAX. LOAD OF FOOT SECTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>1770 mm to 2000 mm</td>
<td>550 mm</td>
<td>165 kg + 10,60 Padding</td>
<td>300 kg</td>
<td>100 kg</td>
<td>150 kg</td>
</tr>
<tr>
<td>1770 mm to 2000 mm</td>
<td>550 mm</td>
<td>175 kg + 10,60 Padding</td>
<td>300 kg</td>
<td>100 kg</td>
<td>150 kg</td>
</tr>
<tr>
<td>1770 mm to 2000 mm</td>
<td>550 mm</td>
<td>195 kg + 12 Padding</td>
<td>300 kg</td>
<td>100 kg</td>
<td>150 kg</td>
</tr>
</tbody>
</table>

**ADJUSTMENT RANGE**

<table>
<thead>
<tr>
<th>WEIGHT</th>
<th>FOCUS</th>
<th>PRIMUS</th>
<th>VARIUS</th>
<th>HEAD SECTION</th>
<th>BACK SECTION</th>
<th>SEAT SECTION</th>
<th>FOOT SECTION</th>
<th>AXIAL TILTING</th>
</tr>
</thead>
<tbody>
<tr>
<td>570 - 840 mm</td>
<td>-45° to +35°</td>
<td>-45° to +35°</td>
<td>-45° to +35°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>520 - 950 mm</td>
<td>-4° to +63°</td>
<td>-4° to +63°</td>
<td>-4° to +63°</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>610 - 1040 mm</td>
<td>-16° to +60°</td>
<td>-16° to +60°</td>
<td>-16° to +60°</td>
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</tr>
</tbody>
</table>
Motor technology

- Safe
- Enormously efficient
- Reliable
- Precise
- Almost silent
- Maintenance free

The comfort padding with integrated Quick release catch

- Seamless due to deep drawing procedure
- High-frequency-welded
- Watertight
- With air balance valve
- Electrically conductive
- Easily removable with a “click system”
- Easy to clean

Patented guide rail system

- Reliable
- High operating safety
- Independent of electricity supply
- No tripping hazards
- Nonstop operation through alternating system
- Work safety
- Integrated exhaustive discharge protection

Advantages compared with standard rails:
- Slender profiled frame
- Solid, made of stainless steel
- Stable attachment of accessories
- Easy to clean
- Guide rail for precision mounting brackets
- Parts can be attached all round

24V DC BATTERY PACK OPERATION

- Reliable
- High operating safety
- Independent of electricity supply
- No tripping hazards
- Nonstop operation through alternating system
- Work safety
- Integrated exhaustive discharge protection

ELECTRICAL DATA

<table>
<thead>
<tr>
<th>OPERATING VOLTAGE</th>
<th>DEGREE OF PROTECTION</th>
<th>BATTERY PACK CAPACITY</th>
<th>RUNNING TIME WHEN FULLY CHARGED</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 V DC</td>
<td>IP X 4</td>
<td>20 Ah</td>
<td>1 to 2 weeks</td>
</tr>
<tr>
<td>24 V DC</td>
<td>IP X 4</td>
<td>20 Ah</td>
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<td>IP X 4</td>
<td>20 Ah</td>
<td>1 to 2 weeks</td>
</tr>
</tbody>
</table>
With the **GENIUS**, we are presenting a surgery bed that can be used in practically all medical fields. As with all brumaba products, the GENIUS convinces through the precise finish of high-quality materials, extreme flexibility and ergonomic design – and at a fair price.

**SUITABLE SPECIALIST FIELDS**

- Practically all medical fields
- Especially for Head- and Eyesurgery
- Out-patient surgery

**EQUIPMENT FEATURES**

- Adjustable working height
- Telescopic head section & calvaria
- Memory-Function
- Four basic models
- Handcontrol
- Back section extension for length adjustment

**TECHNICAL DATA / DIMENSIONS**

<table>
<thead>
<tr>
<th>Feature</th>
<th>Specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. length</td>
<td>2020 mm</td>
</tr>
<tr>
<td>Max. width</td>
<td>560 mm</td>
</tr>
<tr>
<td>Net weight</td>
<td>140 kg</td>
</tr>
<tr>
<td>Max. patient weight</td>
<td>250 kg</td>
</tr>
<tr>
<td>Max. height adjustability</td>
<td>585 – 865 mm</td>
</tr>
<tr>
<td>Single telescopic column</td>
<td>585 – 865 mm</td>
</tr>
<tr>
<td>Dual telescopic column</td>
<td>540 – 970 mm</td>
</tr>
</tbody>
</table>
The patented telescopic head section developed by brumaba enables an exact positioning of the patient's head, and makes the GENIUS just right for all types of cranial surgery. Because of the seamlessly adjustable inclination, you have optimal freedom of movement during the whole of the surgery.

The patented telescopic column of the GENIUS ensures a maximum degree of ergonomics. It enables an enormously flexible height adjustment: In the standard model from 585–865 mm, with an optional dual telescopic column from 540–970 mm. Via remote control, the memory function brings the patient to one of 8 user-defined positions during the course of treatment – in one flowing, silent movement, thanks to microhydraulics.

The four basic models of the GENIUS differ in their telescopic columns, and also in the power supply, with or without a cable. Choose from the following attributes the ideal configuration:

<table>
<thead>
<tr>
<th>GENIUS</th>
<th>STN</th>
<th>DTN</th>
<th>STA</th>
<th>DTA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mains</td>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Battery pack</td>
<td></td>
<td></td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Single column</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Dual column</td>
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<td>X</td>
</tr>
</tbody>
</table>

You can also choose from three stand/undercarriage variations:
- 2 standing axles with 4 feet
- 1 rigid wheel axle and 1 steering castor undercarriage with brake
- 2 steering castor undercarriages with front and rear brakes

In the standard version, the GENIUS comes with stable pedestals. If you are reliant on mobility before, during or after an operation, you should choose one of the two undercarriage versions. A choice of two or four smooth-running, hygienically sealed castors bring the surgery bed into the correct position for the next treatment step. The optionally available foot control ensures that all functions can be operated in a manner that is free of contamination.

Two operating variations

Decide yourself whether you want to operate the GENIUS in “stationary” mode, or use it frequently in different rooms. The standard model has a 230V mains plug, and as much mobility as possible is ensured by the battery pack version, with an integrated charging unit.

Adjustable working height

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ACCESSORIES FOR OPERATING TABLES

The horseshoe-shaped face rest supports the patient’s head with soft padding and a large opening for the patient to breathe freely, as he lies on his stomach.

- movable in all directions thanks to clamping ball-and-socket hinge
- large opening for nose, mouth and anaesthesia tube
- soft covering and padding

Padding dimensions: W: 200 mm - L: 240 mm - H: 70 mm
Clamping piece height: 65 mm

For free access to the shoulder area, we have designed the special horseshoe-shaped headrest that is attached at the side. In combination with the asymmetrical backrest extension (Art. No. Z1.021) the patient can be positioned with all the advantages of the horseshoe-shaped headrest. It can be attached on both sides of the surgery table using a hook clamp.

- comfortable positioning for all procedures in the shoulders area
- clamping ball-and-socket hinge for individual adjustment

Padding dimensions: W: 210 mm - L: 200 mm - H: 80 mm
Clamping piece height: 65 mm

To make the head positioning especially variable, the head plate can be used, adjustable in all directions thanks to the ball-and-socket hinge. When the patient is lying on his side, the head plate also ensures the ergonomically important height compensation in the shoulder area. Many surgeons also appreciate the head plate as a support for the wrist for surgery close to the face.

- can be tilted seamlessly on all sides thanks to the clamping ball-and-socket hinge
- soft and hygienically padded
- height adjustment

Padding dimensions: L: 400 mm - W: 300 mm - H: 50 mm
Clamping piece height: 110 mm

For highly precise, often lengthy surgery in the head area, a steady hand is needed. The height-adjustable microsurgery ring “borders” the horseshoe-shaped headrest or head plate, providing a comfortable lower arm support for the surgeon.

- comfortable padding and ergonomically correct, relaxed arm position
- ideal for surgical procedures with microscope
- can be individually angled with the ball-and-socket hinge

Padding dimensions: L: 270 mm - W: 435 mm - H: 40 mm
Padding width: 50 mm
Height adjustable from 210 mm – 290 mm

The soft padded hair transplant support provides optimal access to all of the upper and back head area. It is locked in the recess of the head section and is height-adjustable.

- comfortable, hygienically disinfectable padding
- follows the contours of the patient’s neck ergonomically

Padding dimensions: Ø 90 mm, length 230 mm

The asymmetrical extension of the back section creates the required free space for all surgical procedures in the shoulder area (beach chair position). It can be used, together with the shoulder arthroscopy horseshoe-shaped headrest (Art. No. Z1.154), optionally for surgery on the left or right side.

- soft, hygienically disinfectable padding
- stable and easy-to-handle coupling mechanism

Padding dimensions: W: 150 mm - L: 270 mm - H: 50 mm

This padded armrest, foldable at several positions, can be used as a side restriction, as well as an arm support for a wide variety of surgical procedures. Thanks to two ball-and-socket hinges, it can take up any angle and bracing. A sophisticated adjustment mechanism with a cam lever ensures rapid adjustment and locking. The soft padding can be removed for cleaning by means of a snap lock, the edges of the armrest are fitted with unbreakable plastic as an impact protection.

- rapid adjustability through cam lever
- removable padding for simple cleaning

Padding dimensions: L: 490 mm - W: 140 mm - H: 40 mm
Clamping piece height: 130 mm
The arm support is used if the arm needs to be prevented from falling off the table, if the arm needs to be held higher for minor surgical interventions, or if the table needs to be widened slightly for very heavy patients. It is almost flush with the table, is height-adjustable and is equipped, like the "large" armrests, with a removable padding, an impact protection plate and a restraint.

- "three-dimensional" mobility
- easy to handle by just one person
- wide range of positioning possibilities

Padding dimensions: L: 400 mm - W: 140 mm - H: 150 mm Height-adjustable from: 60 mm - 110 mm

The leg support has been developed for the specific requirements of the leg position during arthroscopic surgery. The massive design in stainless steel is especially suited for use with Esmarch bandages, and is extremely simple to clean. Positioning is done via a precise cogging lockable with a screw handle, and the holding shells are adjusted with a push mechanism.

- suitable for left and right knee
- freely positionable, depending on surgical procedure and patient

Max. Ø thigh: 320 mm Can be rotated 360°

Padding dimensions: L: 240 mm - W: 135 mm - H: 40 mm

For the ergonomically correct position of the patient arm, we have designed this padded and radiolucent work table. It can be variably adjusted using the ball-and-socket hinge, and through the recess forwards enables the surgeon to move close to the patient. Using a special bracket, it is attached directly on the surgery table, whereby supporting legs are not necessary.

- maximum leg clearance for surgeon and assistants also from the front
- radiolucent
- can be expanded with telescopic support (Art. No. Z1.089) for large loads

Padding dimensions: 660 mm - W: 400 mm

If absolute steadiness is required when standing – such as for microsurgery on the hand – we recommend this extra-large work table. With light padding, a cutout for better access inside and of course adjustable in the swivel joint, this is the first choice for working on the patient in a relaxed manner. The 3-point support ensures optimal steadiness when standing, and the size of the table allows a comfortable working position for surgeon and assistants.

- adjustable in all directions thanks to ball-and-socket hinge
- with special brackets to attach to the surgery table

Padding dimensions: L: 800 mm - W: 500 mm Telescopic supports height-adjustable: 690 mm - 1110 mm
For stable positioning of the patient on his side for surgery to the back, posterior or flank, this support, as soft as it is robust, is used dorsally or ventrally. The clamping ball-and-socket hinge allows a seamless adjustment of the inclination, depending on requirements.

- Comfortable large-scale padding, which can be hygienically disinfected
- Assembled on edge of surgery table

Dimensions: Length: 450 mm + crown

If, during a surgical procedure on the patient's back, specific points need to be supported, the smaller padded dorsal support is the right accessory for relaxed work. The support prevents the patient from slipping or falling off the surgery table when lying on his side. The angle is set using a precise cogging.

- Suitable for all tube diameters
- Put into any position with just one hand movement

Dimensions: Length: 240 mm - Width: 140 mm

For surgery on the foot or shin, this joint support holds the leg comfortably in an angled position. It supports the patient's hollow of the knee at the desired height.

- Soft padding, which can be hygienically disinfected
- Can be mounted on attached foot sections or separate standing plate

Padding dimensions:
- Padding width: 230 mm
- Height: 380 mm - 480 mm
- Ø: 90 mm

For surgery that needs the patient in a standing or semi-standing position (Anti-Trendelenburg position). It is mounted on the foot end when the surgery table is set vertically, and reliably prevent the patient from slipping off the table.

- Soft cushioning for good standing comfort
- Quick fastening using mounting bracket

Dimensions:
- Padding dimensions: W: 180 mm - L: 300 mm
- Padding thickness: 40 mm
- Height adjustability: 120 mm
The foldable side guard is an advantage whenever the patient needs to be relocated or — after surgery — has to get up on his own.

- manufactured in stainless steel
- can be folded down in the hinge with one simple movement

**Dimensions:** Sizes: W: 350 mm - H: 310 mm

External mounting for attaching the horseshoe-shaped headrest to the foot end of the VARIUS. Because of the divided standing plate of this table model, the repositioning allows the upper body to be X-rayed as well.

- fast assembly using mounting bracket
- stable construction of stainless steel

Length adjustment: 150 mm with horseshoe-shaped headrest

Max. patient weight with inverse construction: 300 kg

The remote control to adjust the surgery table should always be kept close by. At the top end of the flexible swan neck shaped system, there is a magnet to hold the remote control, and this always brings the control panel to the desired position.

- fast, individual positioning of the remote control
- attachment using the mounting bracket

Swan neck length: 300 mm Suitable for HFB types 3 & 4

This short, tiltable mounting bracket holds the remote control directly on the lower edge of the operating table, to save space.

- remote control close to hand without being in the way
- magnetic holding plate

Suitable for HFB types 3 & 4

The body belt is used to restrain the patient. The soft, slightly expandable silicone material reduces the pressure load in the stomach region.

- includes mounting gliders
- can be opened and closed quickly with a button system

**Dimensions:** H: 1440 mm - W: 80 mm

Our surgery tables can be moved comfortably and precisely with the transport handles, which are quickly mounted. The rubber-covered handle surface prevents slipping, even if you have wet hands. This handle model can be folded down to save space, for example if the patient is relocated over the foot end.

- made of stainless steel, can be hygienically disinfected
- fast bracket mounting to foot or head end

Hygiene takes precedence! With the paper towel holder, you always have a disposable cover for your operating table. The fleece can be rolled out very easily from the holder, and does not tear.

- convenient rolling out and safe storage the paper towel near the table
- can also be used for special size rolls; (please mention this when ordering)

**Dimensions:** W: 560 mm - H: 210 mm

Paper towel rolls up to a max. width of 520 mm can be used

For mounting accessories of other manufacturers (e.g. Ulmer-Rad), we recommend these mounting adapters. It accurately replaces the standard side rail systems at the places where they are needed.

- stable stainless steel design
- attached with mounting brackets

**Dimensions:** L: 200 mm - W: 25 mm - H: 10 mm

Optional: Mounting adapter 30 mm x 10 mm (special) Art. No.: Z1.047a

**Dimensions:** L: 200 mm - W: 30 mm - H: 10 mm
An especially stable model, this four-hook infusion stand is mounted tight to the table column, so that it does not move up and down when the patient surface is adjusted. Lateral tilting is possible with the swivel joint.

- fast bracket mounting to the column of the surgery table
- independent of the height level of the patient surface

Dimensions: Height 1110 - 1680 mm
With 4 hooks Max. permissible load: 2 kg per hook

The mobile infusion stand with one-handed height adjustment and four hooks means maximum independence for the patient. It can be placed next to the surgery table, or be pushed along when walking. The five smoothly running steering castors, the stable stainless steel design and the solid base ensure that it is tip-proof.

- castors optionally available with brakes

Dimensions: Total length: 1330 - 2130 mm
With 4 hooks Max. permissible load: 2 kg per hook

This infusion stand with four hooks for infusion bottles or bags is attached to the head end of the table with mounting brackets. With its single-hand height adjustment and clamping ball-and-socket hinge, it can be quickly adjusted, e.g. when the table height is altered.

- made of hygienic stainless steel
- quick mounting, left or right

Dimensions: Height: 1110 - 1680 mm
With 4 hooks Max. permissible load: 2 kg per hook

This height-adjustable instrument table is suitable for permanent mounting to the surgery table. It has a tilting and swivelling plate, and remains in the same position even when the patient surface is adjusted, since it is attached directly to the table column. The gas spring, open on the top side, prevents collisions with patients if the table is accidentally moved upwards.

- made of V2A stainless steel for maximum hygiene
- raised edge to hold instruments safely

Dimensions:
Plate size 400 x 600 mm
Height adjustable from 360 mm - 630 mm above level of table
Plate 360° tiltable - Arm 180° tiltable

For lengthy surgical procedures or patients with a high risk of bedsores, the viscoleastic surgery mattress protects against dangerous pressure sores. This is especially important with the use of local anaesthetics, so that the half-sedated patient does not move unnecessarily.

- covers the entire patient surface
- extremely soft “memory foam”

Padding dimensions: L: 1660 mm - W: 570 mm - H: 30 mm

For maximum hygiene, taking care of the padding and reduced cleaning costs, we recommend the use of a watertight disposable surgery bed drape during surgery. Thanks to the „horseshoe-shaped headrest bag“ at the top end, the cloth with the pleasant paper covering cannot slip downwards.

- clear reduction in cleaning times after surgery
- is quickly covered and disposed of

Dimensions: L: 2000 mm - W: 720 mm
Packaging unit: 150 pieces Colour: white

Optional:
Packaging unit: 600 pieces Art. No.: Z1.143
The leg plates extended by 30 cm enlarge the patient surface when the patient’s legs are in a spread out position, such as in gynaecology, in the lithotomy position, or simply for large patients. Because the table is longer, the patient can also slide further down so that his pelvis is in the radiolucent area.

- suitable for all brumaba models with singlepart leg section
- also as a hand support for surgery at the foot end

**Dimensions:** W: 150 mm - H: 430 mm

For very large patients, the regular patient surface of a surgery table is usually not sufficient. This softly padded and simple to attach foot section extension gives surgeon and patient an extra 15 cm space at the foot end of the table.

- soft padding with hygienically sealed cover
- fully radiolucent for models with divided foot section

**Padding dimensions:** L: 800 mm - W: 270 mm - H: 50 mm

We recommend this half roll padding for patients with hollow backs or to support the knees when the patient is lying on his back. Since one side is flat, it cannot roll away, and the soft material ensures the best lying comfort.

- hygienically sealed cover
- versatile use

**Padding dimensions:** L: 555 mm - W: 210 mm - H: 120 mm

This lordosis padding is perfectly suited to support the lower back area and for bed sore prevention. It consists of viscoelastic foam and is covered seamlessly for optimal hygiene.

- low height, exactly fitting the lower back of an average person
- can also be used as a support in the prone position or as a low pillow

**Padding dimensions:** L: 400 mm - W: 210 mm - H: 60 mm

More space for accessories in this well-designed, tip-proof accessories trolley made of stainless steel. It is attached with 15 included mounting gliders on three rails. Small parts will not get lost on the tray.

- four high-quality castors for ease of transport also for heavy loads
- additional mounting gliders available individually on request (Art. No. Z1.161)
- additional extensions for hand surgery table and arthroscopic surgery leg support

**Dimensions:** L: 730 mm - W: 550 mm - H: 1000 mm

**Rail length:** 725 mm

Most brumaba accessories are mounted with the patented mounting bracket. We recommend that you always have several free brackets to be able to quickly customise „your“ brumaba table to your needs during surgery.

For the standard support 10 mm

**Dimensions:** Height: 1080 mm Ø Base: 620 mm
High functionality, robust technology and elegant design were decisive in the development of our patient transport chair “CADDY”.

But because it must be comfortable for both passenger and transport staff, the space-saving brumaba “CADDY” combines continuously variable adjustment possibilities with comfortable padding and good steerability in a top-class product.

FRAMEWORK
- solid stainless steel construction

ARMRESTS
- adjust automatically to the lying position and can be folded up.

TWO STEERING HANDLES
- By slightly turning and pressing you can continuously and within seconds reach the desired position.

PADDING
- Comfortable shape and high hygienic standard through seamless finish that can be washed down. Available in 41 colours.

PATIENT SURFACE
- Anatomically shaped beechwood-veneered wooden sheet with a friendly appearance underline the excellent lying quality.

WHEELS
- Well-designed wheels for easy and accurate moving (steering brakes).
Innovative operation by means of two twist grips, all positions can be set seamlessly and within seconds.

### TECHNICAL DATA

<table>
<thead>
<tr>
<th>Feature</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length (sitting position)</td>
<td>960 mm</td>
</tr>
<tr>
<td>Length (lying position)</td>
<td>1900 mm</td>
</tr>
<tr>
<td>Height (sitting position)</td>
<td>1440 mm</td>
</tr>
<tr>
<td>Height (lying position)</td>
<td>560 mm</td>
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<tr>
<td>max. width</td>
<td>660 mm</td>
</tr>
<tr>
<td>Own weight</td>
<td>65 kg</td>
</tr>
<tr>
<td>max. patient weight</td>
<td>180 kg</td>
</tr>
</tbody>
</table>

In the comfortable chair position the patient can easily get in and out.

The “CADDY” is especially suitable for safe patient transport. Lying in it for longer remains pleasant and relaxing.

The lying position even enables minor surgery in the out-patient field.

The “CADDY” proves to be robust and professional, even in the shock and reanimation positions.
**ACCESSORIES**

**CADDY**

The slightly curved armrests of the CADDY are even more comfortable if they are fitted with this cushioning.

- Hygienically sealed cover, can be completely disinfected
- Available in colours matching the chair cushioning

**ARMRESTS CUSHIONED (1 PAIR)**

ART NO. Z1.069

These super-soft armrest cushions are ideal not only for supporting the arms, but even for small surgical interventions or bandaging. The ball-and-socket hinge allows adjustment in all directions and considerably simplifies the work process. For side egress and rebedding, the armrests can be removed entirely or folded away with one hand movement.

- Super-soft cushioning, can be completely disinfected
- Optimum adjustment through ball-and-socket hinge
- Great stability on the chair due to stainless steel construction and plug-in system that locks into place

Padding dimensions: L: 490 mm - W: 140 mm - H: 40 mm

**ARMREST CUSHIONING WITH BALL-AND-SOCKET HINGE (1 PAIR)**

ART NO. Z1.070

Eating utensils, writing material, medicine or a drink: There is room for everything on the stainless steel tray table. The edges are rounded upwards so that nothing can roll off during transport.

- Completely disinfectable, since it is made of stainless steel
- Can be attached on the left and right via plug-in assembly using an adapter
- Swivels out to the side

Size of plate: L: 315 mm - W: 215 mm

**TRAY TABLE SMALL**

ART NO. Z1.073

If you require more shelf space – such as for surgical instruments for minor surgical interventions performed directly on the CADDY – the somewhat larger tray table is ideal. This is also 100% disinfec-
able and can be swivelled to the side when the patient gets up.

- Stable, stainless steel construction with edges rounded upwards
- Can be attached on both sides

Size of plate: L: 555 mm - W: 325 mm

**TRAY TABLE LARGE**

ART NO. Z1.074

**CONFIGURATION OPTIONS (CANNOT BE UPGRADED)**

**POSITIONING LEVER**

ART NO. C1.XX.13

With the positioning lever, an awake patient can adjust the back and foot section of “his” CADDY individually, such as after waking up or when sitting for a long time. In this way, he can effortlessly find the most comfortable sitting or lying position.

- Simple one-handed operation
- Position below the seating surface prevents bumping when getting up

**FRONTAL DIRECTIONAL CASTORS**

ART NO. C1.02.XX

The steerable front castors allow for more freedom of movement, also to the side (e.g. in lifts or in small rooms). One of these is a directional castor, which can be released with a foot lever and proves invaluable on long stretches straight ahead.

- Optional replacement for rigid front castors
- Flexible navigation even in the most confined spaces
In addition to the document shelf, the somewhat smaller net bag on the rear of the CADDy can accommodate items of clothing or documents, for example. The stretchable net material holds everything securely in place.

» Uncomplicated attachment with screws
» Height-adjustable, since it can be mounted without drilling holes

Dimensions: L: 270 mm - W: 150 mm

Transporting patients with the CADDY is particularly safe and comfortable with the soft padded side supports. They are attached to the armrests supplied with a butterfly nut, and the armrests are then locked into place in the armrest socket on the frame of the chair.

» Stable, plug-in construction with stainless steel plate
» Cushioning can be hygienically disinfected

Padding dimensions: L: 580 mm - W: 290 mm - H: 50 mm

For transporting infused patients, we recommend to use the infusion stand, which is as stable as it is light. The support arm is attached to the side of the frame, where the stand can be adjusted in height and also be swivelled out. Incl. beaker.

» Stable, chrome-plated construction
» Height-adjustable for various tube lengths
» 4 hooks with a maximum load of 2 kg each

Height adjustability: 600 mm

The paper towel holder ensures that everything remains clean: with one hand movement, you can hygienically cover the full length of the CADDY!

» Convenient unwinding and secure storage of paper towel roll at the head end of the CADDY
» Simple attachment with screws, behind the head section

Max. paper towel roll width: 500 mm

For transporting bed sore patients or for lengthy seated periods, the CADDY should be fitted with this viscoelastic cover. It effectively reduces pressure sores and considerably increases the comfort of the patient.

» Covers the entire patient surface
» Extremely soft “memory foam”, can be hygienically cleaned

Thickness: 40 mm

Especially when transporting a patient from A to B, it is essential that you take the patient folder with you. In this stable shelf, you have space for medicine and other items along with the patient folder. The shelf is made of hygienically disinfecutable plastic and is locked into place on the rear frame with screws.

» Suitable for folder formats up to DIN A4 and up to 2.5 cm thick
» With a recess grip to remove documents more quickly

For transporting infused patients, we recommend the use of a hygienic protective plastic cover for the CADDY foot section. It is attached with a Velcro fastener and can be safely disinfected after use.

» Stable, transparent plastic material
» Quick attachment with Velcro fastener

Dimensions: H: 1440 mm - W: 80 mm

So that patients do not have to take off their shoes for short transports, we recommend the use of a hygienic protective plastic cover for the CADDY foot section. It is attached with a Velcro fastener and can be safely disinfected after use.

» Stable, transparent plastic material
» Quick attachment with Velcro fastener

Dimensions: H: 1440 mm - W: 80 mm

In a semi-lying position, the silicone body belt prevents the patient from slipping downwards. The especially soft material adapts to the body’s contours without exerting pressure.

» Can be opened and closed quickly with a button system
» Completely disinfecutable

Dimensions: H: 1440 mm - W: 80 mm

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» Suitable for folder formats up to DIN A4 and up to 2.5 cm thick
» With a recess grip to remove documents more quickly

Dimensions: H: 1440 mm - W: 80 mm
The brumaba surgery chair “THRONUS” sets new standards in today’s daily surgery routine. Its solid stainless steel construction, comfortable and patented padding*, and smoothly running lockable castor gear make it an indispensable tool for seated surgeons, especially in eye surgery.

**Equipment Features**

- Excellent sitting comfort
- High level of stability
- Height adjustment of 500-755 mm
- Hydraulic, foot controlled height adjustment
- Memory function
- Adjustable back section with lordosis support
- Adjustable sitting angle
- Surgical arm rests with height adjustment, ball & socket, rotational and length adjustment
- Central brake
- Steering castors with dual tread
- Well-shaped design
- Optionally equipped with two base plates for microscope and phaco
Memorize your position
- Quick & easily

Your “THRONUS” and its memory function helps you to find your everyday working position. By pressing one of two buttons, the “THRONUS” automatically finds your predetermined height.

For a steady hand when performing operations

Surgical arm rest for the optimal working position for microsurgical procedures. Individual adjustment in all directions.

Anatomically correct posture

The seamlessly adjustable seat inclination and the adjustable back rest (especially in the lordosis area) support an anatomically correct posture.

Easy Stop-And-Go

Five smooth-running steering castors with dual tread guarantee maximum mobility with optimal stability through the central, foot-controlled brake.

Height adjustment without loosing sterility

The height adjustment (approx. 500–755 mm) is made using the foot control. The wireless battery pack operation with integrated charging unit guarantees independence.

Customized for eye-surgery

The perfect addition to your Thronus to control the microscope or phaco in a comfortable, ergonomic and precise way. The base plates can be mounted fast and easily and will follow the chair whenever it is being moved.

Easy length adaption ...

... and lateral adjustment - just the way it is most comfortable for your everyday work.
The specialist for perfect sitting comfort. With the work stool “COMFORT”, brumaba presents an ideal, cost-effective seating furniture for assistants and personnel in all medical fields.

» Comfortable seat cushioning
» Round seat surface (40cm x 7cm)
» Height adjustment of 540 – 725 mm (hand release)
» Height adjustment of 510 – 710 mm (foot release)
» 5 wheels (antistatic)
» Star base in crome design

Based on the Surgery Stool “COMFORT”, the „COMFORT SWING“ additionally provides the new „Swing“ seat. The new, ultra-comfortable seating concept brings you a quantum leap in terms of comfort. There are also quality parameters in design and material properties, which are outstanding. Try it for yourself!

» Comfortable seat cushioning
» Round seat surface (40cm x 7cm)
» Height adjustment of 540 – 725 mm (hand release)
» Height adjustment of 510 – 710 mm (foot release)
» 5 wheels (antistatic)
» Star base in crome design

3 versions available:

COMFORT SWING (ART.NR. H1.02.01) with hand release
COMFORT SWING (ART.NR. H1.02.00) with foot release
COMFORT SWING (ART.NR. H1.12.00) with foot release & brake
The new "BALANCE"-series from brumaba provides the highest sitting comfort in all medical fields. On our individually adjustable surgery chairs, surgeons and personnel sit properly at all times.

Important in the surgical work environment: the contamination-free height adjustment via foot control.

» Height adjustment of 480-680 mm with foot release
» Adjustable back section with lordosis support
» Adjustable seat inclination with patented shape of the seat
» Antistatic wheels
» Well-shaped design

| TECHNICAL DATA SEE P. 39 |
The brumaba “BALANCE PLUS” is different from the basic model because of the comfortable multifunctional arm rests. They help the surgeon to have a calm hand – e.g. for microsurgical procedures.

- Height adjustment of 480-680 mm
- with foot release
- Adjustable back section with lordosis support
- Adjustable sitting angle with patented shape of the seat
- Multifunctional armrests with height adjustment, rotational and length adjustment
- Antistatic wheels
- Well-shaped design

| TECHNICAL DATA SEE P. 39 |
## TECHNICAL DATA

<table>
<thead>
<tr>
<th></th>
<th>COMFORT H</th>
<th>COMFORT F</th>
<th>COMFORT F/B with brake</th>
<th>BALANCE</th>
<th>BALANCE B with brake</th>
<th>BALANCE PLUS</th>
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<tbody>
<tr>
<td>5 ball bearing wheels, one electrically conductive</td>
<td>Ø 65 mm</td>
<td>Ø 65 mm</td>
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<td>Ø 65 mm</td>
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<tr>
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<td>Inclination backrest</td>
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<td>25°</td>
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<td>Dimensions arm-pad (w x h x d)</td>
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<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>90 mm x 25 mm x 230 mm (optional with long armrest: 110 mm x 45 mm x 400 mm)</td>
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<td>Length-adjustment arm-pad:</td>
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<td>Angle range arm-pad</td>
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<td>rotatable by 30° per side</td>
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<tr>
<td>Dimensions seat (w x h x d)</td>
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<td>Ø 400 mm / T: 70 mm</td>
<td>Ø 400 mm / T: 70 mm</td>
<td>460 mm x 600 mm x 420 mm</td>
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<td>120 kg</td>
<td>120 kg</td>
<td>120 kg</td>
</tr>
</tbody>
</table>
Our extensive colour range gives you a dilemma in making a choice: choose from 42 different colours!

Design “your own brumaba” according to your own personal taste, e.g. to match the prevailing colour of the walls in the practice or surgery room.

**ELECTRICALLY CONDUCTIVE**

This colour meets the necessary standards for use in the operating theatre.
For print-technical reasons, the colours represented here may deviate from the original colours slightly.

On request we will send you our binding

Colour and material samples
Perfect conditions for professionals

In the daily routine of treatment and operations, theory is a poor partner. This is why the medical bed systems by brumaba are based on practical experience: namely your practice! For 30 years we have been developing surgery tables, treatment beds and patient transport chairs for professional use. In a continuous dialogue with our customers, solutions are created that are convincing down to the smallest detail. We have pursued many of these until they are ready for a patent, and then distributed them worldwide, with great success.

You can recognize brumaba products from their well thought out technology, their aesthetic design, and their unbeatable quality.

Quality Management

THE COMPANY
The three brothers Benedikt, Korbinian and Sebastian Brustmann take over the company in the year 2012 which was founded 1980 by Herbert Brustmann.
brumaba is represented each year at over 100 trade fairs, congresses and symposia at home and abroad.