



Your partner in surgery.



DIAMOND® CE^{MD}

Basic models

Model No. Description

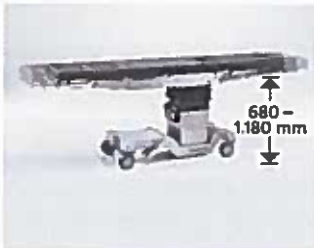


170.5500.1 DIAMOND® 50 BK

Universal operating table with electrohydraulic adjustment by means of optional hand-held control unit of 5 table functions: **Raise/Lower, Lateral, Trendelenburg/Reverse Trendelenburg, Back section, Leg section.** Additional adjustment of these functions by means of detachable emergency control (electrohydraulic) or emergency handwheels and foot pump (hydraulic).

With memory function for 8 freely selectable positions and custom 0 position. Optionally with or without gyn. cutout. Rechargeable batteries. Integrated battery charger with mains cable.

Mobile on 4 double castors with central lock, 2 of which antistatic. 1 of the 4 castors with directional lock. **Without head and leg sections, back section extension and hand control unit.**



170.6000.1 DIAMOND® 60 BLK

Similar to DIAMOND® 50 BK, but in addition: **Electro-hydraulic longitudinal shift function of table-top** by totally 300 mm for optimal use of image intensifier. **Without head and leg sections, back section extension and hand control unit.**

Model No.	Description	
101.0227.0 (w/o ill.)	5th directional castor additional spring-loaded fifth directional castor for DIAMOND® models, activated by dual-side foot pedal, not retrofittable. Replaces the castor with directional lock.	
101.0430.0 (w/o ill.)	Double table top for X-ray cassette insertion, for DIAMOND® OR tables with gyn. cutout.	
101.0213.0 (w/o ill.)	80 mm pads for all DIAMOND® models.	Surcharge



DIAMOND®

Standard configuration

Two-section, radiolucent table-top composed of:

- Back section
- Seat section with cutout for gynaecology (optionally also without gyn. cutout)

Electrohydraulic adjustment functions:

- High/Low
- Trendelenburg/Reverse Trendelenburg
- Lateral tilt
- Back section
- leg sections (DIAMOND® 50 BK and DIAMOND® 60 BLK)
- Longitudinal shift function (DIAMOND® 40 LK and DIAMOND® 60 BLK)

Override systems:

Independent adjustment of table functions by means of detachable emergency control panel (for DIAMOND® 40 models: available as an option), electrohydraulic and emergency control handwheels at the column and foot pump (hydraulic).

Radiolucent table-top, SAF mattress, 60 mm thick, antistatic. Stainless steel table frame construction, sandblasted and electropolished, disinfection-proof. Stainless steel side rails 25 x 10 mm on both sides of the table-top for attachment of accessories, telescopic height adjustment column with stainless steel cover.

Foot cover made of shock-resistant ABS, silver grey, with two stainless steel V4A plates inserted to protect the foot cover, floor pan made of stainless steel V2A. Premium quality stainless steel material 1.4301 is used.

Chassis with 4 double castors, with central lock, 2 of which antistatic. 1 of the 4 castors with directional lock. 5th spring-loaded directional castor, activated by foot pedal on both sides (optional accessory). Replaces the castor with directional lock.

Table with return-to-zero function and crash detection (performance features depending on model). Memory function and individual setting of 0 position (DIAMOND® 50 and 60 models).
Input voltage at power supply: 115 V/230 V, 50/60 Hz.

DIAMOND® CE^{MD}

Control elements

Model No. Description



101.0380.1 Hand control unit, cable-connected
plastic casing, sealed against ingress of fluids, cable-connected. Illuminated TFT display indicating all status information of the table. Backlit keyboard for all adjustment functions.
For DIAMOND® 50/60 models.

101.0590.1 Hand control unit, cable-connected (w/o ill.)
similar to 101.0380.1, but for DIAMOND® 40 models, without electrohydraulic leg section adjustment function.



101.0214.1 Hand control unit, Bluetooth®
plastic casing, sealed against ingress of fluids, wireless Bluetooth® connection. Illuminated TFT display indicating all status information of the table. Backlit keyboard for all adjustment functions. Requires Bluetooth® preparation 101.0391.1 and charging cradle 101.0356.0, 101.0357.0 or 101.0358.0!
For DIAMOND® 50/60 models.

101.0591.1 Hand control unit, Bluetooth® (w/o ill.)
similar to 101.0214.1, but for DIAMOND® 40 models, without electrohydraulic leg section adjustment function. Requires Bluetooth® preparation 101.0391.1 and charging cradle 101.0356.0, 101.0357.0 or 101.0358.0!



! Please provide an appropriate charging cradle for your Bluetooth® hand control!

We recommend to always have the table equipped with the Bluetooth® preparation in order to be able to profit from the advantages of the Bluetooth® system even at a later date.

The Bluetooth® control units for DIAMOND® 40 models are only available in conjunction with a cable-connected control unit! Please take this into account when placing your order.



Model No.	Description
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101.0206.1	<p>Foot control, cable-connected Cast aluminium casing, sealed against ingress of fluids, antiskid, cable-connected. For all table adjustment functions analogous to its hand-held control. Backlit TFT display for easy navigation, control panel illuminated by LEDs in the foot bar (for MIS). Activation key and "Return to zero" key. Can be connected to the table at the same time as the hand-held control unit. Requires preparation for foot control 101.0397.0. For DIAMOND® 50/60 models.</p>
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101.0359.0 (w/o ill.)	<p>Foot control, cable-connected for DIAMOND® 40 models, similar to 101.0206.1, without electrohydraulic leg section adjustment function. Requires preparation for foot control 101.0397.0!</p>
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101.0397.0 (w/o ill.)	<p>Preparation for cable-connected foot control Preparation of DIAMOND® operating table for use of a cable-connected foot control unit.</p>
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101.0216.1	<p>Foot control, Bluetooth® similar to 101.0206.1, however with wireless Bluetooth® connection. Incl. power supply unit for recharging the control unit. Requires Bluetooth® preparation 101.0391.1! For DIAMOND® 50/60 models.</p>
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101.0360.0 (w/o ill.)	<p>Foot control, Bluetooth® for DIAMOND® 40 models, similar to 101.0216.1, however, without electrohydraulic leg section adjustment function.</p>
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101.0391.1 (w/o ill.)	<p>Bluetooth® preparation Preparation of DIAMOND® operating table for use of Bluetooth® hand and foot control unit.</p>
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DIAMOND® C^{MD} Control elements

Model No. Description



101.0356.0 **Charging cradle, pedestal version**
for DIAMOND® operating tables, pedestal version,
charging cradle for inductive charging of Bluetooth®
hand control unit, with LED status display, incl. mains
adaptor.
You can continue using the hand control while it is
charging in the charging cradle.



101.0357.0 **Charging cradle, wall mount**
same as charging cradle 101.0356.0,
but wall-mounted version.



101.0358.0 **Charging cradle, side rail**
same as charging cradle 101.0356.0, but version
for attaching to side rail.



! Please provide
an appropriate
charging cradle for your
Bluetooth® hand control!

DIAMOND® C^{MD}

Basic equipment

Model No. Description



101.0017.2 Head plate
double-adjustment, automatic latching of pad inclination, integrated gas spring for weight compensation, detachable.

101.0480.0 Double table top
(w/o ill.) for X-ray cassette insertion, for head plate 101.0017.2.



101.0159.0 Back section extension, inclinable
to be attached to the back section, for stretching patient's upper body in thoracic surgery and abdominal interventions, electromotive downward tilt up to 40°, length 300 mm including adapted pad for head section. Requires preparation for electr. adj. accessory 101.0238.0!

101.0238.0 Preparation for electr. adj. accessory
(w/o ill.) Preparation of DIAMOND® operating table for electrically adjustable accessory.

101.0580.0 Double table top
(w/o ill.) for X-ray cassette insertion, for back section extension, inclinable 101.0159.0.



101.0131.1 Back section extension, fixed
to be attached to the back section, length 280 mm.

101.0510.1 Double table top
(w/o ill.) for X-ray cassette insertion, for back section extension, fixed 101.0131.1.



Model No. Description

101.0145.2 **Leg section**
one-section type, manual folding
with gas spring assistance, detachable.

101.0490.0 **Double table top**
(w/o ill.) for X-ray cassette insertion, for leg section 101.0145.2.



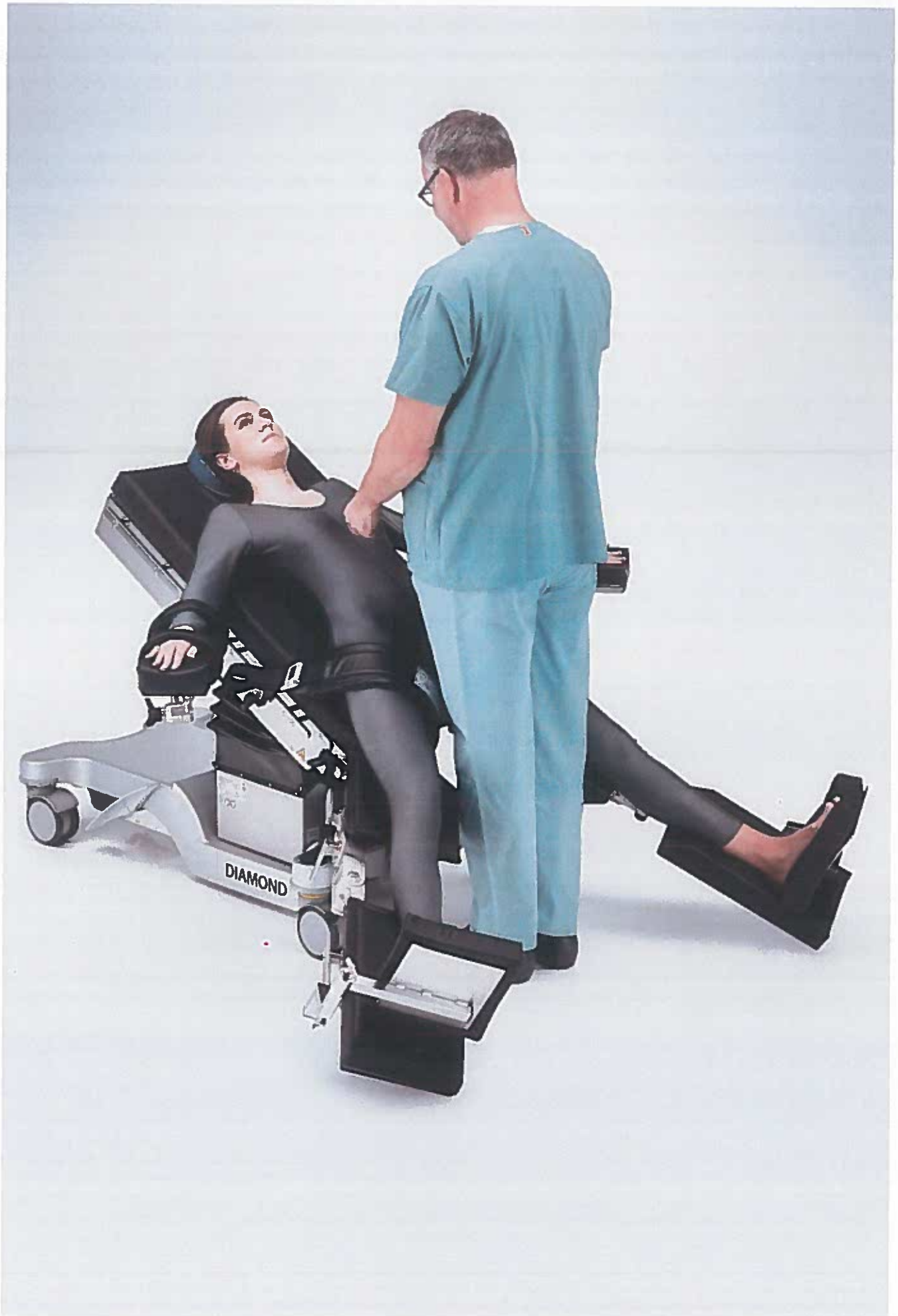
101.0621.0 **Leg section, light version**
one-section type, reduced-weight design (7.3 kg),
w/o adjustment functions, viscoelastic foam mattress
with el. conductive cover, max. weight capacity 40 kg,
700 x 523 mm (L x W).



101.0116.2 **Leg section**
split type, fold-down, swivelling via latching
mechanism, sealed against fluids, integrated gas spring
for weight compensation, detachable, with carrying
handles. Optionally without gyn. cutout.

101.0500.0 **Double table top**
(w/o ill.) for X-ray cassette insertion, for leg sections 101.0116.2.







DIAMOND® CE^{MD}

Universal leg plate

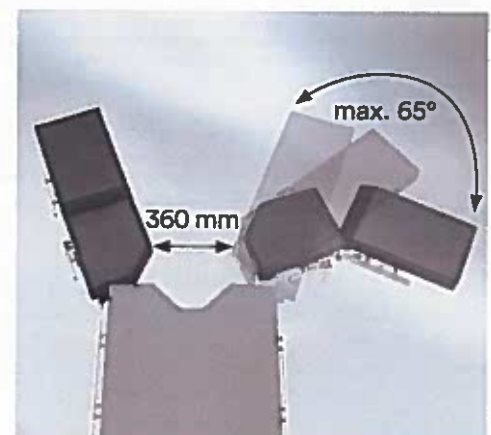
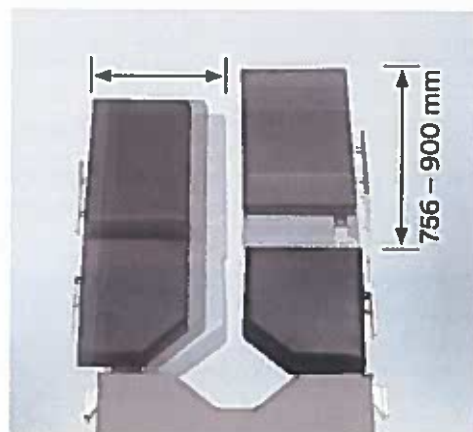
Model No. Description

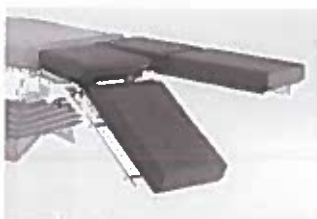
101.0572.0 Universal leg plate

Four-part leg plate, expands smoothly up to 72° on each side, can also be moved outwards, allows clearance of up to 360 mm for optimised access to operating area. Individually detachable lower leg plates each with separate spreading function up to 45° outwards, folding up to 90°, length adjusts smoothly from 756 mm to a total length of 900 mm. Detachable leg plates with carrying handles.

The new four-part leg plate from SCHMITZ at a glance:

- All features of a regular four-part leg plate
- Lower leg segments can be spread and removed and are adjustable in length
- Right and left side can be moved outwards in full length by 180 mm
- Maximum accessibility for the surgeon





Model No.	Description
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101.0171.1	Leg section four-part, front part foldable down to 155°, swivelling via latching mechanism, detachable.
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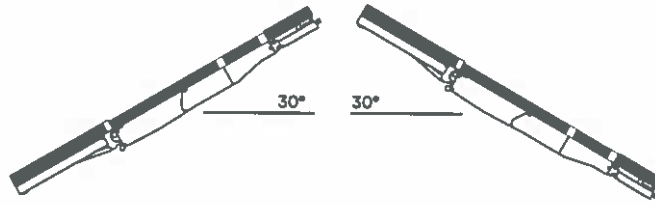
The SCHMITZ leg plate at a glance:

- A closed construction allows easy cleaning, thus meeting the highest demands of hygiene.
- A dual safety system for adjusting the leg plate prevents an accidental folding of the lower segment.
- The folding function can only be carried out after releasing the safety lever and triggering the safety handle.

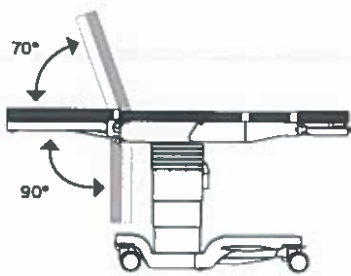
Optionally without gyn. cutout.

101.0540.0 (w/o ill.)	Double table top for X-ray cassette insertion, for leg plates 101.0171.1.
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**For further accessories,
please see our catalogue no. 92.**



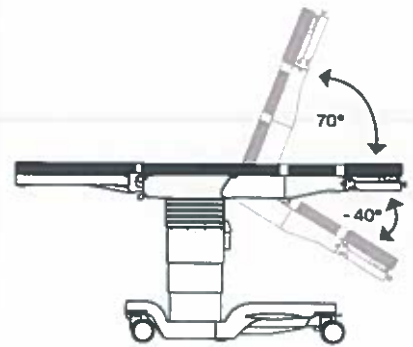
Trendelenburg/Reverse Trendelenburg



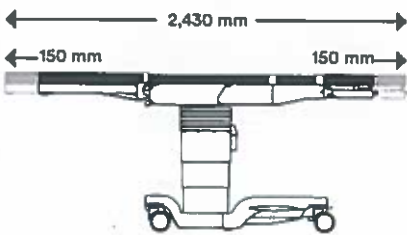
Leg section adjustment



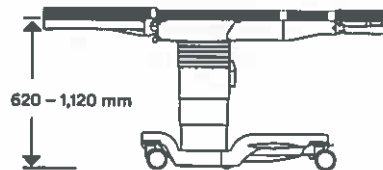
Lateral



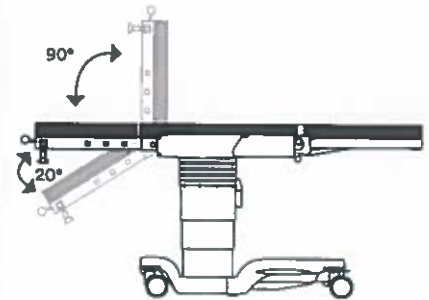
Back section adjustment



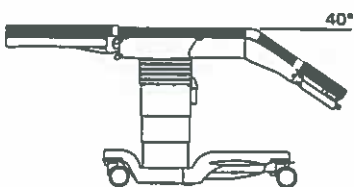
Longitudinal shift and radiolucent area



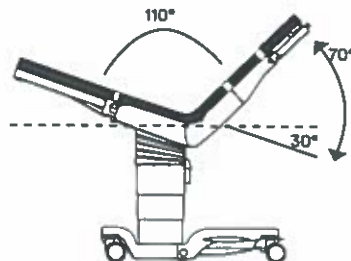
Height adjustment range (e.g. DIAMOND® 50 BK)



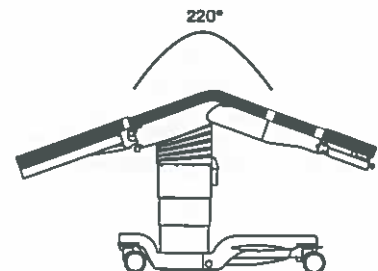
Back section adjustment with shoulder surgery plate



Back section extension, inclineable



Reflex



Flex

DIAMOND®

Adjustment functions and dimensions

Length of table-top	960 mm
Length of head section	300 mm
Length of leg section	700 mm
Width of table-top	550 mm
Overall width	610 mm
Table footprint (length x width)	1,140 mm x 705 mm
Diameter of double castors	125 mm
Height adjustment range (w/o pads)	
• DIAMOND® 40 K	615 mm - 1,115 mm
• DIAMOND® 50 BK	620 mm - 1,120 mm
incl. longitudinal shift function	
• DIAMOND® 40 LK	665 mm - 1,165 mm
• DIAMOND® 60 BLK	680 mm - 1,180 mm
Trendelenburg, electrohydraulic	30°
Reverse Trendelenburg, electrohydraulic	30°
Lateral adjustment, electrohydraulic	+/- 20°
Longitudinal shift (DIAMOND® 40 LK and DIAMOND® 60 BLK)	approx. 300 mm
Radiolucent area (DIAMOND® 40 LK / 60 BLK) with longitudinal shift	
• with head & leg sections and back section extension, totally	2,100 mm 1,680 mm
• with carbon plate continuous radiolucent area	
Back section, electrohydraulic	- 40°/+ 70°
• with shoulder surgery plate	- 20°/+ 90°
Electrohydraulic inclination of leg section (DIAMOND® 50 BK and 60 BLK)	- 90°/+ 70°
Manual inclination of leg section, gas spring assisted	- 90°/+ 10°
Spread angle of leg plates	120°
Inclination of head section, gas spring assisted	- 45°/+ 25°
Tilt angle of head section pad	25°
Total weight (w/o head and leg sections)	approx. 255 kg
Total weight capacity (static)	up to 454 kg
Safe working load (dynamic)	up to 360 kg
Battery operation	■
Integrated battery charger/mains adaptor	■
Emergency operation via mains power supply	■
Mechanical emergency override of all hydraulic functions	
Voltage range of mains adaptor	115 V/230 V, 50/60 Hz

■ = standard equipment

DIAMOND® CEMD**Recommended accessories****General surgery**

Model No.	Description
101.0017.2	Head plate
101.0116.2	Leg section
101.0192.0	Arm rest
101.0123.0	Wristlet
101.0177.1	Body restraint strap
101.0012.0	Anaesthetic frame
101.0111.0	Anaesthetic frame extension

**Minimally invasive surgery/
Laparoscopy**

Model No.	Description
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**DIAMOND® 60 BLK
with gyn. cutout**

101.0017.2	Head plate
101.0116.2	Leg section

as an alternative to 101.0116.2

101.0572.0	Universal leg plate
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alternatively

101.0218.0	Transfer leg plates
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optionally

101.0019.0	Arm rest
101.0123.0	Wristlet
101.0164.0	2 x Leg restraint strap
101.0012.0	Anaesthetic frame
101.0111.0	Anaesthetic frame extension
101.0115.0	2 x Göpel-type leg support
101.0146.0	2 x Clamp

Urology/TUR

Model No.	Description
DIAMOND® 60 BLK/40 LK with gyn. cutout	

101.0017.2	Head plate
101.0116.2	Leg section

alternatively

101.0218.0	Transfer leg plates
101.0204.1	Adaptor, short
101.0362.0	Rinsing basin with outlet
101.0191.0	TUR sieve
101.0115.0	2 x Göpel-type leg support
101.0146.0	2 x Clamp
101.0129.0	Elbow rests (pair)

alternatively for TUR

101.0197.1	Adaptor, long
101.0584.1	Gyro flushing basin
101.0588.0	TUR sieve
101.0019.0	Arm rest
101.0123.0	Wristlet
101.0012.0	Anaesthetic frame
101.0111.0	Anaesthetic frame extension