

MediBoom[®] & MediLift

Modular support arm systems for ORs, diagnosis and intensive care

ondal[®]
Medical Systems

Movement – light as a feather



PRODUCT OVERVIEW

MediBoom[®] and *MediLift*

2

The *MediBoom*[®] and *MediLift* product range: A modular system

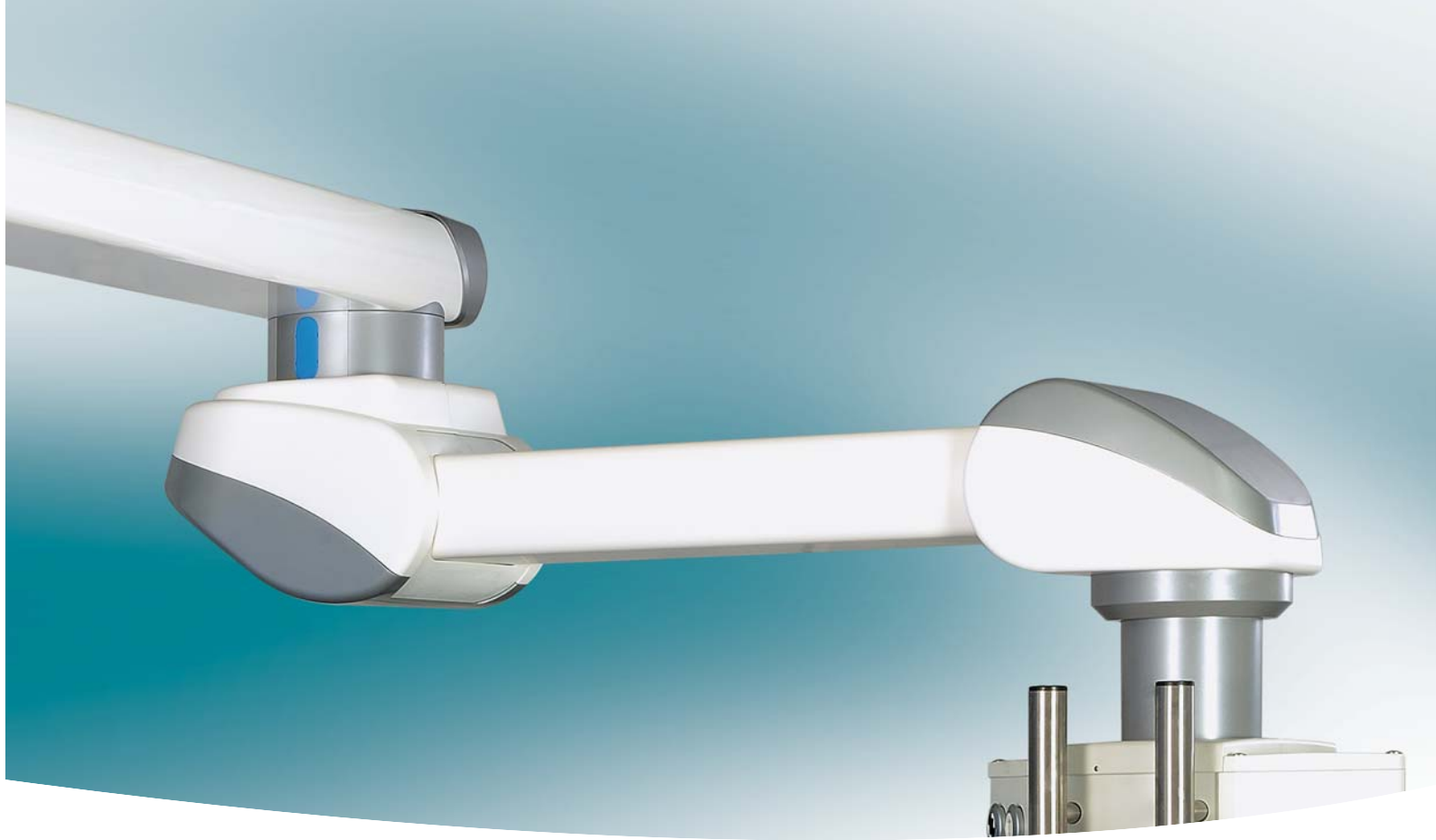
The *MediBoom*[®] and *MediLift* product range is a modular system used for equipping operating rooms, intensive care units and diagnosis rooms. The suitable system can be configured with these modules, dependent on the relevant area:

- ***MediBoom*[®]**
 - *MediBoom*[®]
 - *MediBoom*[®] XL
 - *MediBoom*[®] XXL
- ***MediLift***
 - *MediLift* 180 spring arm
 - *MediLift* 150 motorized arm
 - *MediLift* 250 motorized arm

Various horizontally movable support arms from the *MediBoom*[®] series can be used, depending on the requirements for payload, range and cable throughput. The *MediLift* range includes height-adjustable support arms of the product series.

They help to move medical devices and monitors to any required position in an ergonomic manner in combination with the **M6** supply unit or a **CEMOR**[®] monitor carrier for one to eight monitors.





IMPRESSIVE QUALITIES

- Ample space for cable routing
- Streamlined design
- Easy and quick installation
- Maintenance-free bearings that move with ease
- No obstacles within the bearing units
- Electro-magnetic brake, the "e-brake" (optional)
- BrakeGuide (optional)
- SurroundLED (optional)
- Cable pulley system (optional)
- MediSound system (optional)



SOPHISTICATED ADVANTAGES FOR THE

MediBoom® and *MediLift* are ceiling supply units used to flexibly design orderly workstations for medical applications. For efficient workflows, tailored to the needs of patients and nursing staff.

EASY CLEANING – HIGH HYGIENE

It is vital in the field of medical applications, and particularly in the OR, to maintain high hygiene standards. The *MediBoom®* and *MediLift* systems have been designed with user requirements in mind: bolt fittings are located in the interior and smooth surfaces facilitate cleaning the systems. Benefits: Highest hygiene standards in application areas for both, users and patients.

EASE OF MOVEMENT

MediBoom® and *MediLift* are likely to have the most innovative bearing unit for ceiling-mounted supply units in the market. Loads up to 1,000 kg can be moved with ease. Integrated bearings with optimized running characteristics enable the smooth repositioning of the system when the brake is released.

AMPLE SPACE FOR CABLES... ...FOR A MODERN OR SYSTEM

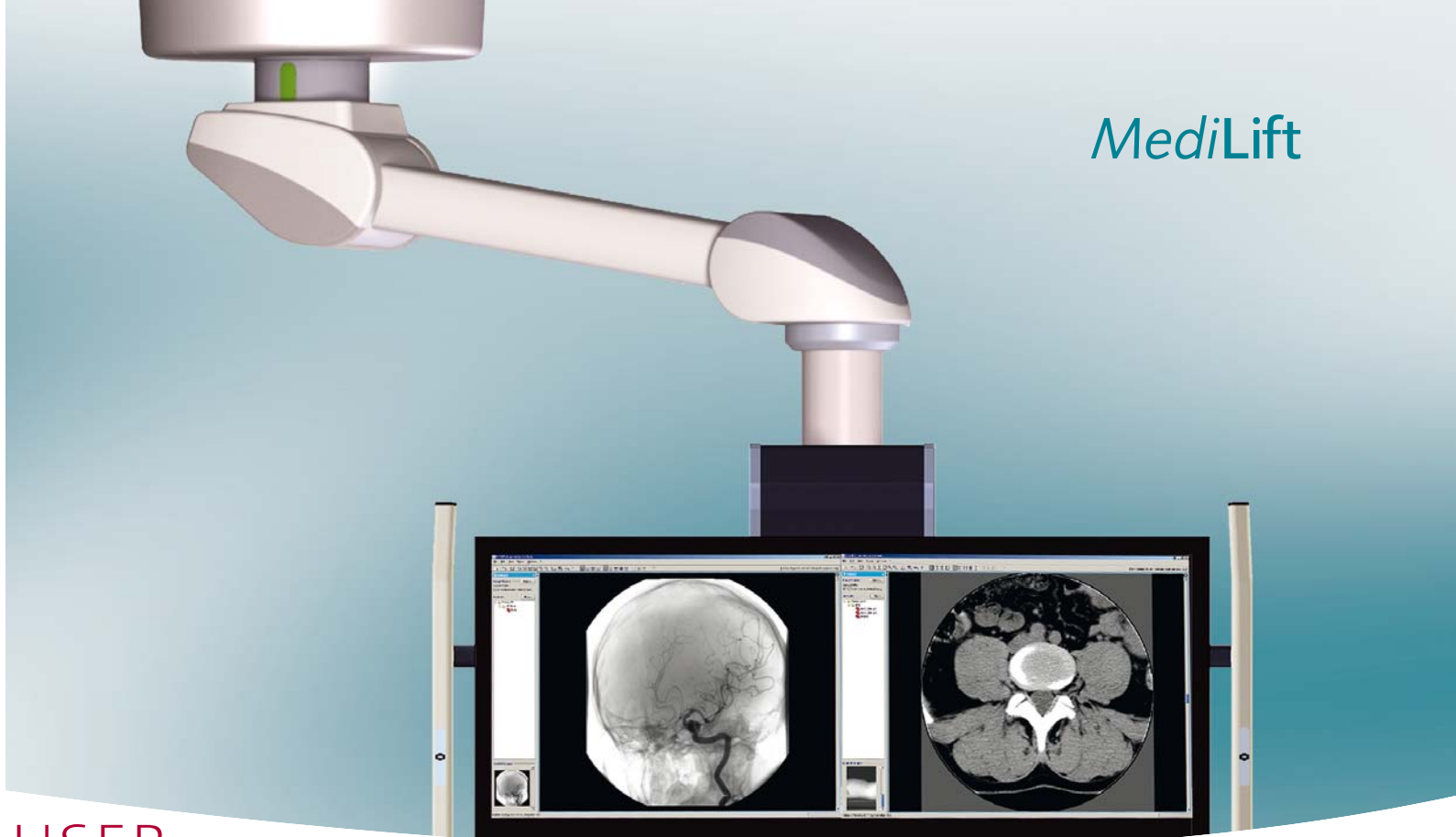
Modern ORs have to satisfy high requirements. *MediBoom®* and *MediLift* are the right answer here: ample space in the extension arms and bearings for the accommodation of required current and future supply lines.

SURROUND LED C & F (1&2) INDIRECT DIMMABLE LIGHTING

Dimmable LED lights serve as an indirect light source in the OR and as an orientation aid for medical staff in the ICU: the SurroundLED C feature in the extension arm and the SurroundLED F in the bottom of the supply unit provide for comfortable lighting.

BRAKEGUIDE (3) DEFINITELY EASIER TO USE

The LED color lighting system of the BrakeGuide virtually eliminates the risk of faulty operation. The BrakeGuide provides optical feedback and signals where the brake was released. With this feature, the BrakeGuide offers a



USER

significant advantage over other systems and improves the safety and user friendliness especially in a dark OR environment.

MEDISOUND SYSTEM SOOTHING SOUND

The MediSound system is the first audio system approved for medical applications in the OR and ICU. An iPod (7) or an MP3 player can be easily hooked up to the docking station and controlled with the infrared remote control. Four speakers in the supply unit or, as an option, an external spherical speaker (8) produce an amazing sound. In this way the **MediSound-System** can help distract the patient from disturbing OR noises. Furthermore, it supports the medical staff in the OR with music during their work.

E-BRAKE SAFE AND FLEXIBLE IN AN EMERGENCY

The **E-Brake**, the electromagnetic passive brake system of the **MediBoom**® keeps the system safely in position,

even during a power outage. The **E-Brake** is also designed to ensure that manual repositioning is still possible.

FLEXIBLE POSITIONING With highest position accuracy

The combination of various height-adjustable and horizontally movable support arms provides for ranges up to 2,600 mm. In this way, the support arms are used to move medical devices and monitors with ease exactly to the location where they are needed while providing unrestricted access to the patient. Plus, they offer a load capacity of up to 1,000 kg.

SOFT START

The **Soft Start** feature will have the system start up gently for the height adjustment of the motorized arms. This will prevent the fastened devices from wobbling and increase ease of use.



3

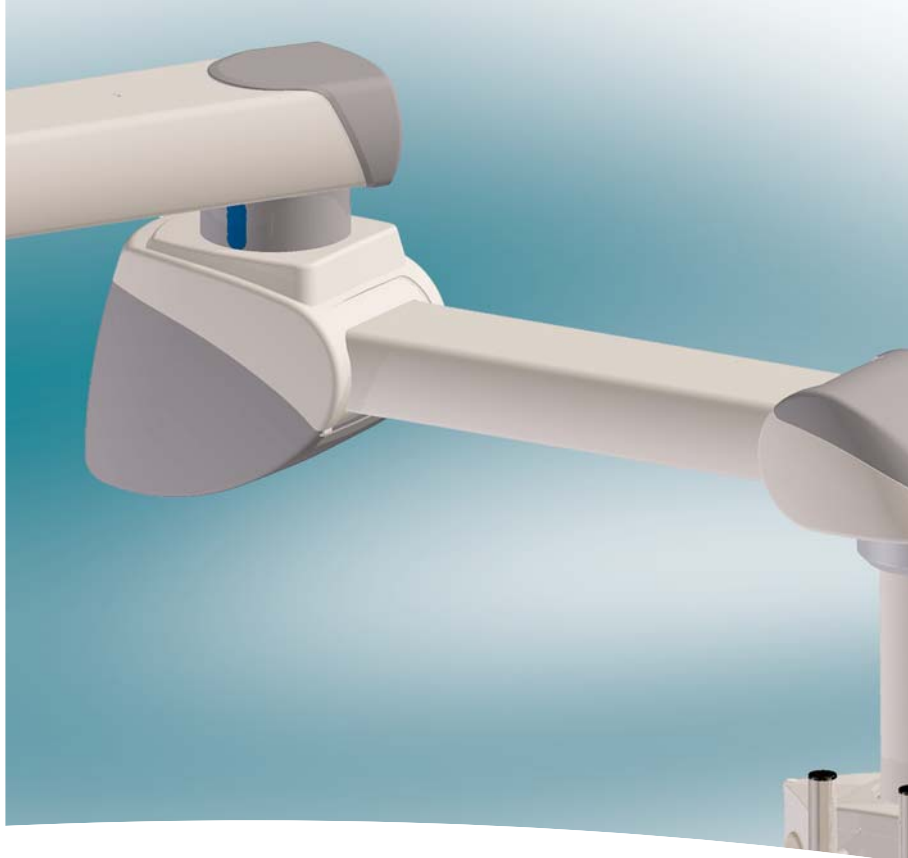


7



8





6

INSTALLATION ADVANTAGES THAT SAVE TIME AND MONEY

OPTIMIZED AND STRAIGHT-FORWARD INSTALLATION

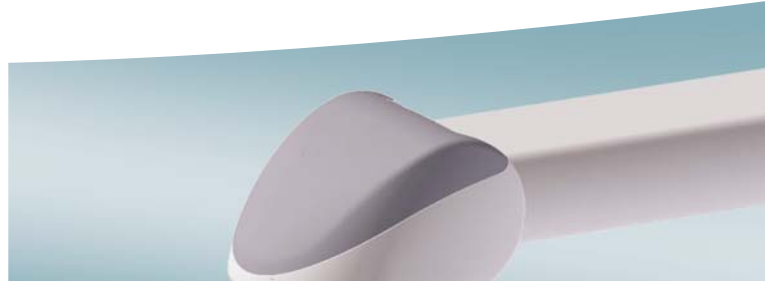
- **MediBoom®** and **MediLift** are convincing with a new, integrated design. Bolt fittings and other potential sources of disturbance are located in the extension arm. Cables can therefore be easily installed, and hoses and cables are protected against potential damage.
- The Plug-and-Brake system is a particularly useful feature. It allows for a speedier connection of the control panel to the supply unit by means of quick-action couplings.
- Spacious assembly openings at the bearing points facilitate the quick and easy installation of cables. This reduces the installation period and therefore saves money.
- **MediLift**
The cover panels can be opened by flipping them up or down. Even the motor can be easily pulled out of the installation area. This facilitates the installation of additional cables or hoses.

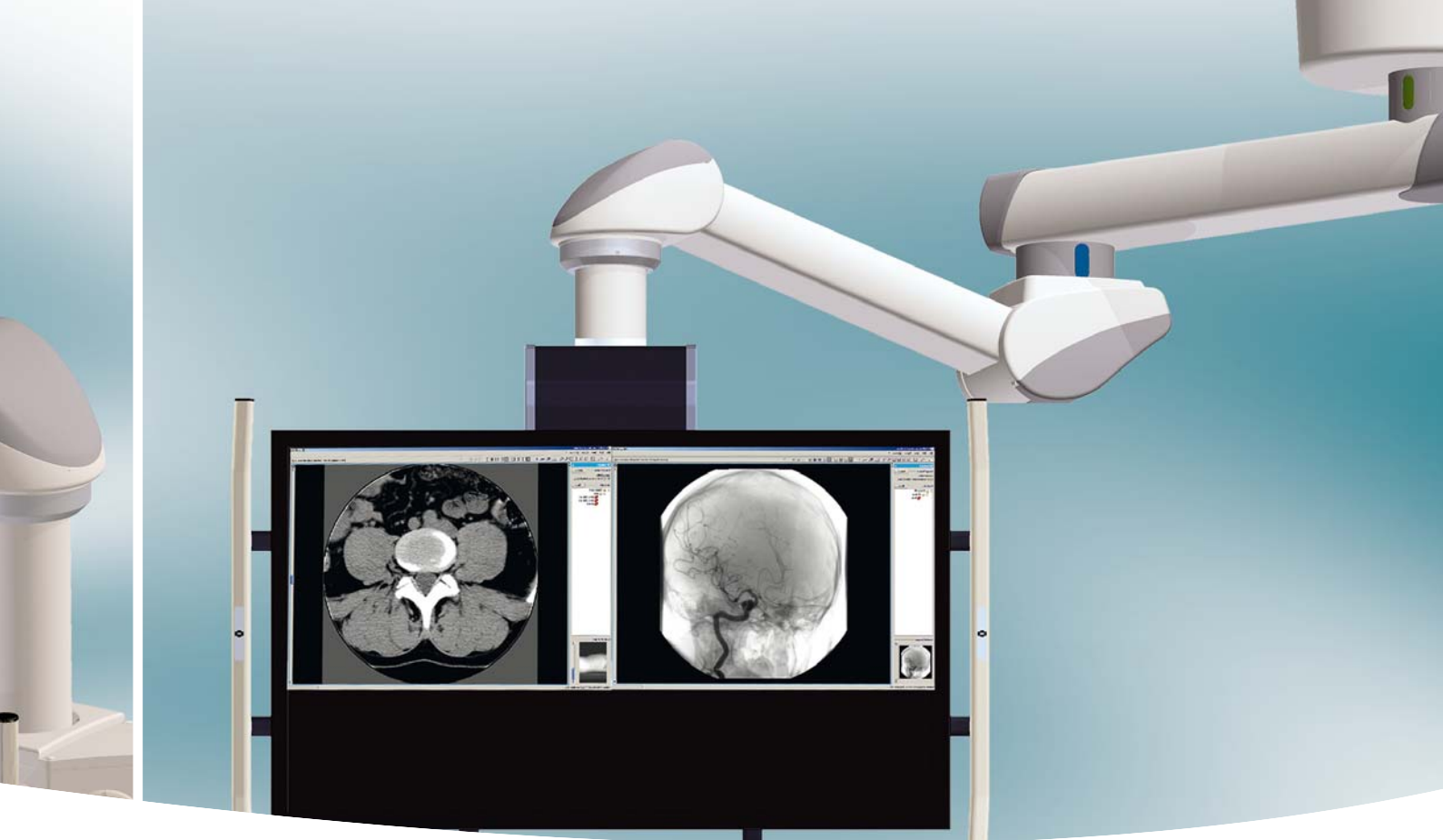
PERFECT SYSTEM ALIGNMENT

The MediLift system can be adapted to various and even high loads. The installer can simply use a tool to adjust the **MediLift**, so that the supply unit, trays and the monitor carrier are positioned horizontally again.

EASY PAYLOAD ADJUSTMENT

The spring of the MediLift 180 can be easily adapted to various weights. This requires no special tool. Generous payload ranges allow for flexible planning of the support arm systems.





CABLE PULLEY SYSTEM

An optional pulley device enables the subsequent pulling through of cables and hoses. This reduces the required installation period at the site and facilitates the subsequent fitting tasks. Benefits: Quick installation at the site and therefore low installation costs.

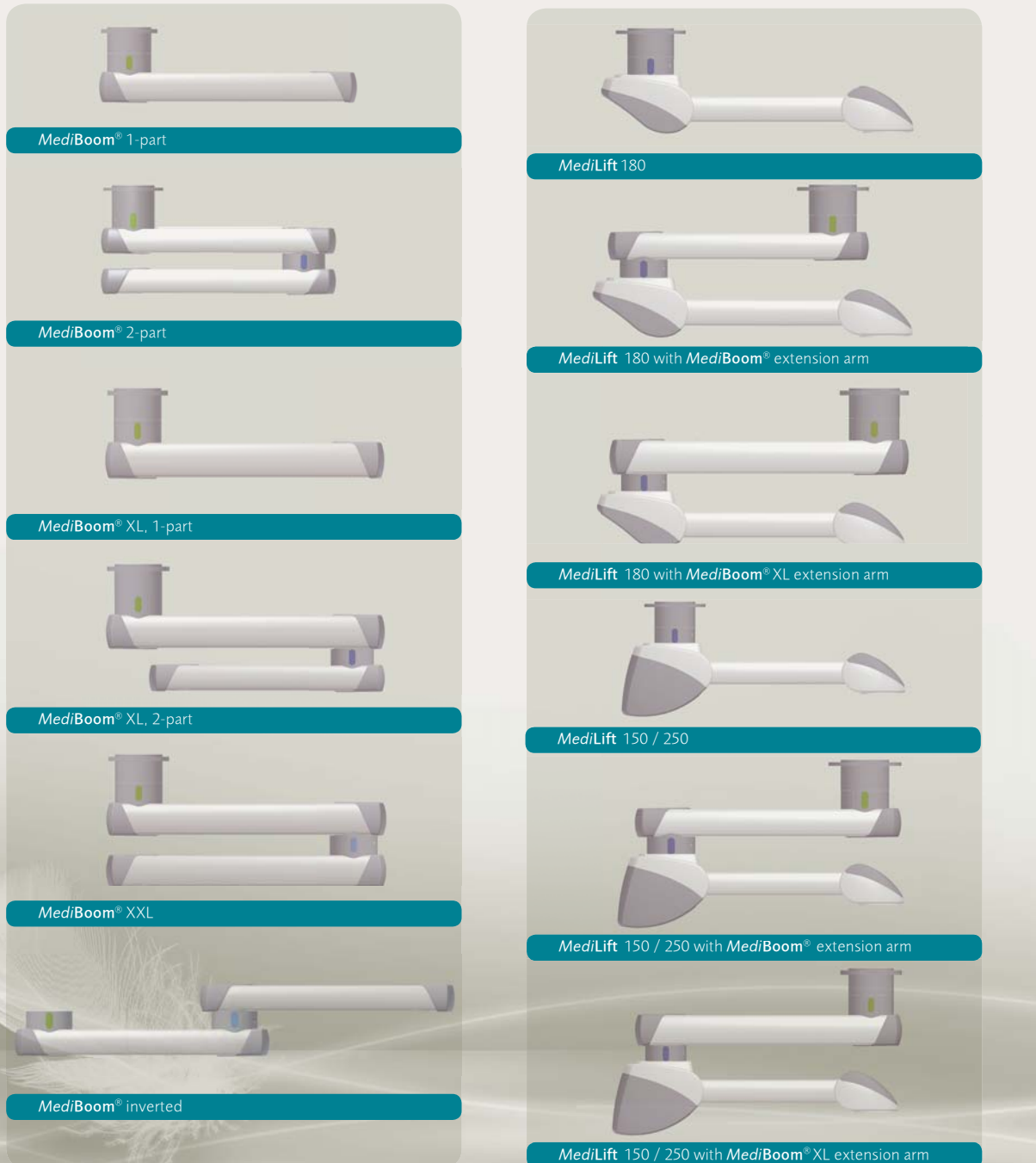
E-BRAKE

STANDARD FEATURE AND MAINTENANCE FREE

The **E-Brake** for the *MediBoom*[®] and *MediLift* systems requires no maintenance. The previously required compressed-air connection is no longer needed due to the electrical actuation of the **e-Brake**. This reduces the infrastructure overhead and with normal operation there are no costs for replacement parts due to the maintenance-free design. Systems with pneumatic brake systems are also available as entry-level models.



Component overview: *MediBoom*[®] and *MediLift*



ondal[®]

Movement – light as a feather

Ondal Medical Systems GmbH
 Wellstraße 6
 36088 Huenfeld
 Germany
 Telephone +49 (0) 6652/81-0
 Fax +49 (0) 6652/81-392
 E-mail info@ondal.de

Ondal Medical Systems of America, Inc.
 540 Eastpark Court, Suite A
 Sandston, VA 23150
 USA
 Toll-free: +1 (866) 663 2587
 Telephone +1 (804) 532 1440
 Fax: +1 (804) 532 1494

Ondal Medical Systems (Suzhou) Co. Ltd.
 No. 158-3 Huashan Road
 Suzhou New District
 China
 Telephone +86 512 683 178 52
 Fax +86 512 683 210 53

www.ondal.de

Subject to technical changes and changes to the contents without notice. The customer is responsible for validation of the final product following the installation of the *MediBoom*[®] and *MediLift*. 10/2014 - Article number: 90200875