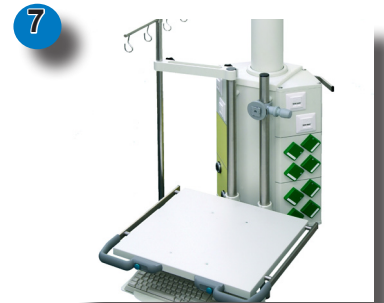
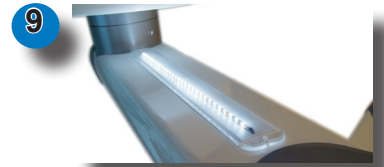
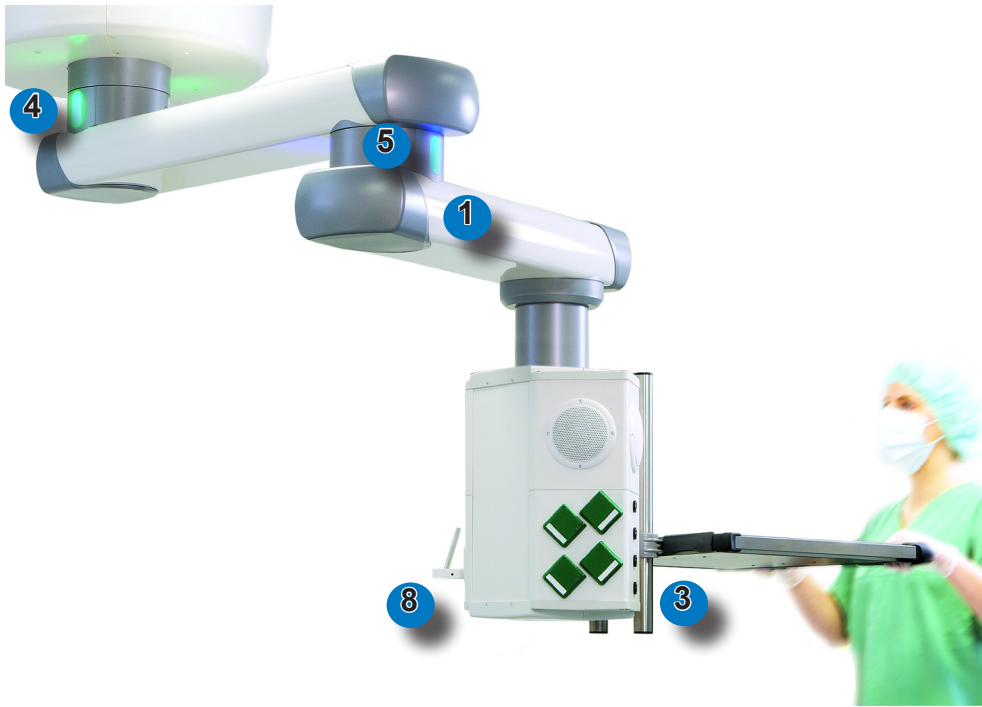




BEACONMEDÆS[®]

Part of the Atlas Copco Group

Pendant Systems



Key Features

1. High payload pendant arms
2. Plug and brake system
3. Height adjustable equipment shelf
4. Colour coded brake buttons and joints
5. Smooth running bearings
6. Electro magnetic brake system
7. High capacity modular service head
8. Integrated sound system & ipod dock
9. Visual indicators
10. Cantilever and lateral arm movement

Benefits

- Suitable for carrying a large array of equipment
- Quick connection of control system to service head
- Optimum placement of equipment and flexibility
- User friendly for operators
- Maintenance free
- For speed and ease of installation
- Efficient and effective use of space
- Improves working ambience
- Soft lighting assists the user during night hours
- For any modern practice medical application

*Life
is in the
details.*



Ceiling Pend

In Critical Care Areas

Whatever your needs may be, BeaconMedæx has a complete solution to seamlessly integrate with your department. Atlas and Coronus pendant systems provide convenient access to critical equipment supported by an expertly engineered workstation.

- Designs are configured to your individual needs today, with expandability for tomorrow
- Enclosed joints and easy clean surfaces minimise the cleaning effort
- Totally maintenance free systems - no bearing lubrication required, no parts to wear out
- Wet and dry consoles can readily exchange positions for maximum workspace flexibility

Reliability

The unique bearing design incorporated into each rotating arm joint has resulted in a smooth effortless movement, with minimal force required to accurately position even the heaviest of loads.

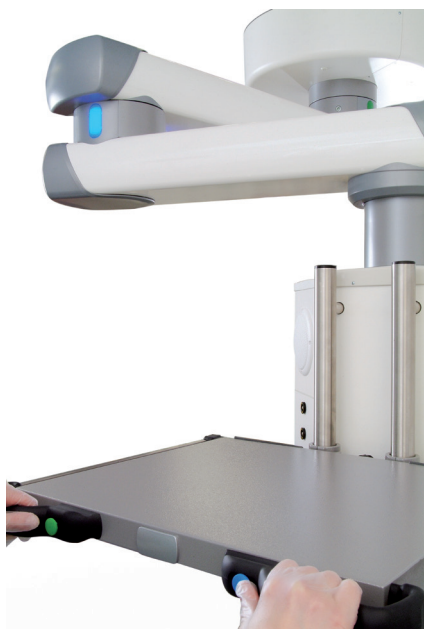
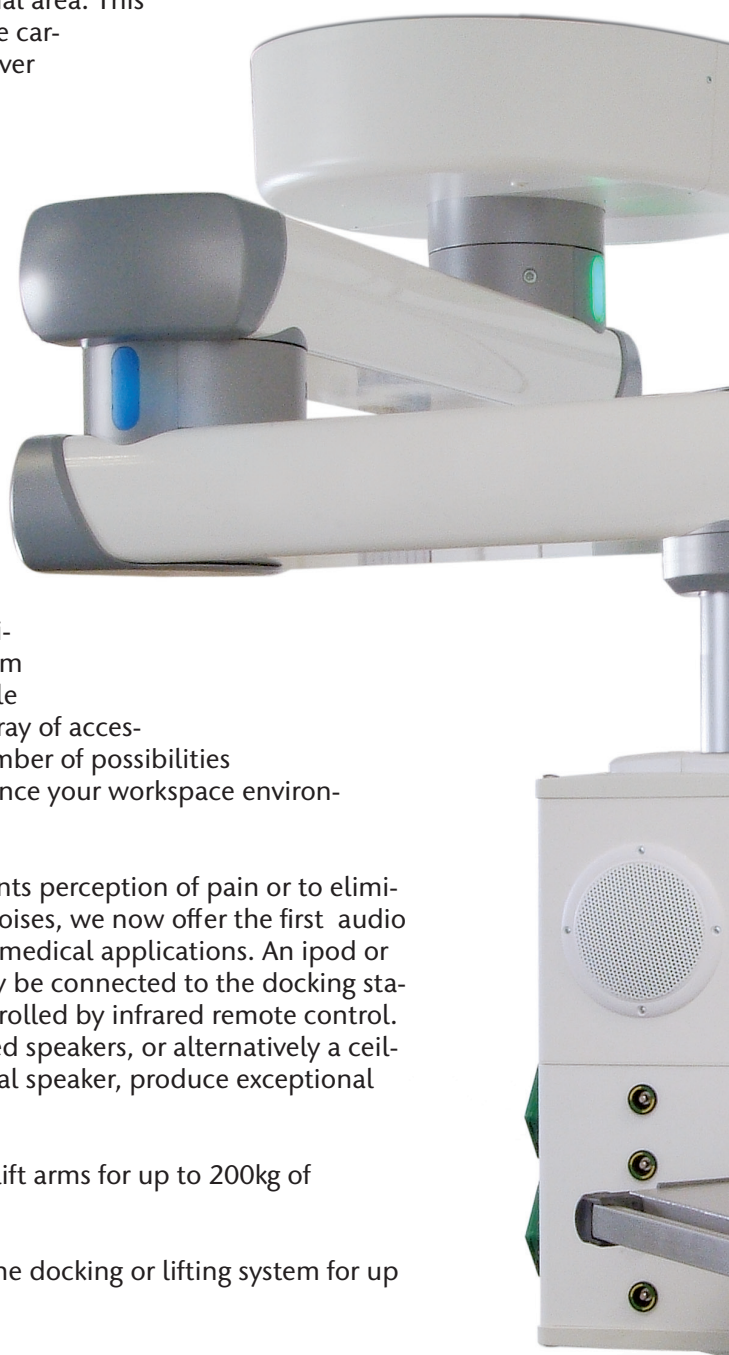
Robust extruded aluminium profiles have been engineered with the latest finite element analysis techniques to offer high load capacities, while maximising internal cross-sectional area. This provides more service carrying capacity than ever before with space to expand the service consoles to support tomorrow's innovations in medical technology.

For Surgery

With a range of pendants offering both lateral and vertical movement, custom manufactured console designs and a vast array of accessories, an infinite number of possibilities are available to enhance your workspace environment.

To help reduce patients perception of pain or to eliminate disturbing OR noises, we now offer the first audio system approved for medical applications. An ipod or MP3 player can easily be connected to the docking station and can be controlled by infrared remote control. Service head mounted speakers, or alternatively a ceiling mounted spherical speaker, produce exceptional sound quality.

- Cantilever vertical lift arms for up to 200kg of equipment
- Anaesthesia machine docking or lifting system for up to 220kg
- Solutions for all surgical disciplines, anaesthesia and auxiliary equipment support
- Oversize hoses for surgical air tools minimise losses, giving higher flows and higher pressure for precision work



endant Systems

Ergonomic Design

To achieve maximum flexibility, a double-arm (articulated) pendant with cantilever vertical lift enables precise positioning of all essential services anywhere within a radius of up to 2.4m, and a height of 1.3-2m from the floor. With 330° degrees of rotation on each arm and infinitely variable rotational stops, the pendant console can be swiftly positioned exactly where you need it.

A lifting mechanism can be used to raise the anaesthesia workstation off the floor, enabling easy and free movement, without being hampered by trailing hoses and cables.

A custom 3D design software package enables us to create and refine each pendant specification with you in person, providing the best solution for each specific application.

Flexibility

Your care delivery adapts to suit individual patients needs, so it follows that equipment must be flexible to adapt to your changing needs too. In order to help you provide the best care in each case, our pendant systems are easily configured to provide a tailor made ergonomic workspace environment.

Variable LED surround lighting can be installed in the bottom of the service head for lighting the floor area. LED ceiling lighting can also be incorporated in the Coronus lateral arms.

The improved brake guide system virtually eliminates faulty operation by colour coding the shelf operable brake buttons with the corresponding joint bearing, for increased user satisfaction.

Safety

The patented pneumatic braking system is supplied from either the medical or surgical air supplies, preventing the arms and console from rotating until desired. The cantilever vertical lift is also designed to be fail-safe in the event of power failure.

Coronus lateral movement arms now include electromagnetic brakes removing the need for the previously required surgical air supply.

Rotational stops are provided to ensure the pendant system is prevented from moving into walls or delicate equipment. These are easily adjusted as the working environment evolves.

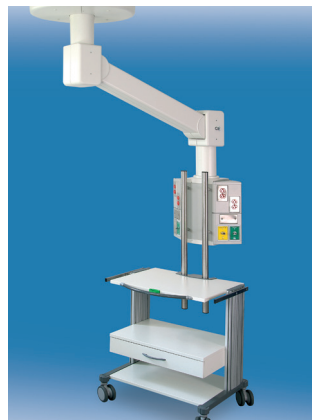
All pendants are CE certified and compliant to BS EN 60601-1 safety standards.





**Coronus Heavy Duty
- for Clinical Applications**

| Extension Arm Length/ Console Arm Length | Load with S.F. x 4 |
|---|-----------------------|
| 600mm | 640kg |
| 800mm | 470kg |
| 1000mm | 370kg |
| 1200mm | 300kg |
| 1000mm Vertical Lift | 90kg |
| 600mm/600mm | 300kg |
| 600mm/800mm | 260kg |
| 800mm/800mm | 220kg |
| 800mm/1000mm | 190kg |
| 1000mm/1000mm | 170kg |
| 1000mm/1200mm | 150kg |
| 600, 800mm/1000mm Vertical Lift | 90kg |
| 1000mm/1000mm Vertical Lift | 75kg |



**Atlas Heavy Duty
- for Highly Demanding Applications**

| Extension Arm Length/ Console Arm Length | Load with S.F. x 4 |
|---|-----------------------|
| 600mm | 650kg |
| 800mm | 460kg |
| 1000mm | 360kg |
| 1200mm | 285kg |
| 750mm Vertical Lift | 200kg |
| 1000mm Vertical Lift | 150kg |
| 600mm/600mm | 280kg |
| 600mm/800mm | 230kg |
| 800mm/800mm | 190kg |
| 800mm/1000mm | 160kg |
| 1000mm/1000mm | 140kg |
| 1000mm/1200mm | 110kg |
| 800mm/750mm Vertical Lift | 200kg |
| 800mm/1000mm Vertical Lift | 150kg |



BeaconMedæS pendant systems have been tested to 40,000 revolutions under the maximum loads shown with a safety factor of 4, ensuring faultless reliability. Other manufacturers may use alternative methods of calculation, such as applying a safety factor relating to catastrophic failure of the pendant system. This method is less stringent and does not provide an accurate comparison with the products described herein.

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