

Single OSA System for critical care areas - OSA 8004750

The Single Overhead Suspension System with two articulated arms was specially designed to fill the demands of Intensive medical care and OR requirements.

The combination of high technology and human engineering creates the perfect device for the medical staff, consequently creating a friendly environment around the intensive care / OR area.

With its modular design and high load capacity, the boom can carry a variety of medical equipment for ICUs, ORs, and all other critical care areas.



Features & Benefits

- Easy moving & positioning that quickly adapts to changing situations, Especially in Emergencies.
- Cable management - the neat and organized cables and their hanging system from the ceiling prevent hospital-acquired infection.
- Locked position-brake handles that can be individually adapted to specific work processes. The pneumatic brake control is installed on the service head via two buttons. These pneumatic or mechanical brakes enable the control of the main bearing break and the intermediate bearing break. There's an option to add a pneumatic service head rotation brake.
 - The ball bearings are maintenance-free.
- Two articulated arms allow for a greater range of motion and positioning choices.
- All accessories are detachable and interchangeable.
- Maximum access around the patient.
- The service head has mounting slides on four sides for various accessories:
 - Shelves size 550x500 may be front, sides, or back mounted.
 - Drawers with shock absorbing rails under the shelf are available.
 - Stainless steel IVF poles with height-adjustable slow descending mechanism. 3 hook rods may be attached to the service head.
 - Height adjustable hanging rails may be mounted on the poles of the service head to carry oxygen and vacuum therapy equipment.
 - An optional small tray (400x300 mm) can be mounted on the service head.
 - An endoscopic equipment holder can be added and clamped to a rail on the side of the service head.
- The service head provides electric sockets, medical gas outlets, equipotential pins, and various electronic connectors that can be mounted.

Single OSA System With Built in LED Treatment Lamp for I.C.U & Trauma

Booms/ Pendants



Technical Data

- Max. load: G2 max 220 kg (See note 1).
- Arm length: R3 600 mm / 800 mm / 1000mm
R4 600 mm / 800mm / 1000mm
- Rotation angle: W5, 300°
W3, W4 340°
- Electrical Sockets: Up to 16 units
- Equipotential pins: Up to 12 units
- Data sockets: Up to 8 units
- Gas Outlets: Up to 10 units
- Pressure gauges: Up to 6 units
- Service head height: 600 mm/ 800 mm / 1000 mm.
- Brakes: Pneumatic brakes - top arm, lower arm, optional - pneumatic brake on service head (recommended for high load configuration).

Notes:

- 1) The load G2 includes the weight of the service head and medical equipment.
- 2) Customized lengths or higher socket numbers are available - on request.

Optional Add Ons

- Ceiling-mounted treatment / examination lamp
- Monitor mounting arms
- Screen & keyboard arm
- Endoscopic equipment holders
- Shelves

Optional Configuration

Single one arm pendant - OSA 8004750A
Armless pendant - OSA 8004750C

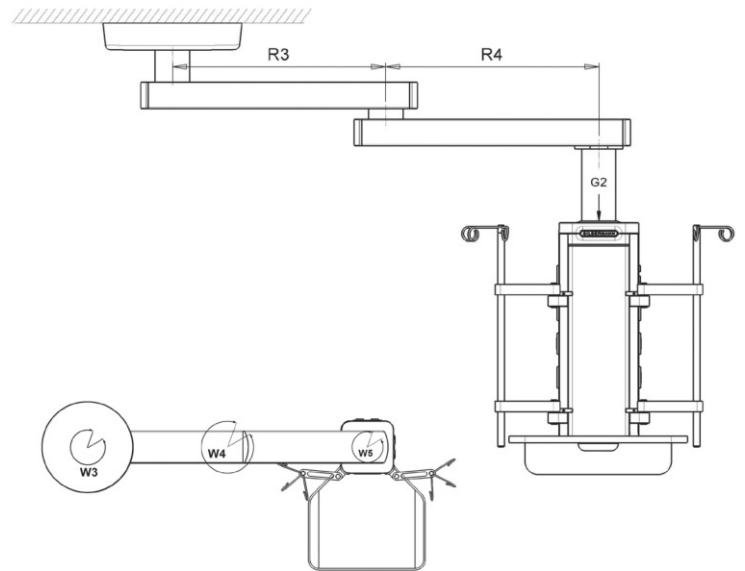
The Overhead Suspension Arm meets the requirements of: NFPA99, EN ISO 11197, and 7396-1 standards.

Silbermann's Quality Management System:

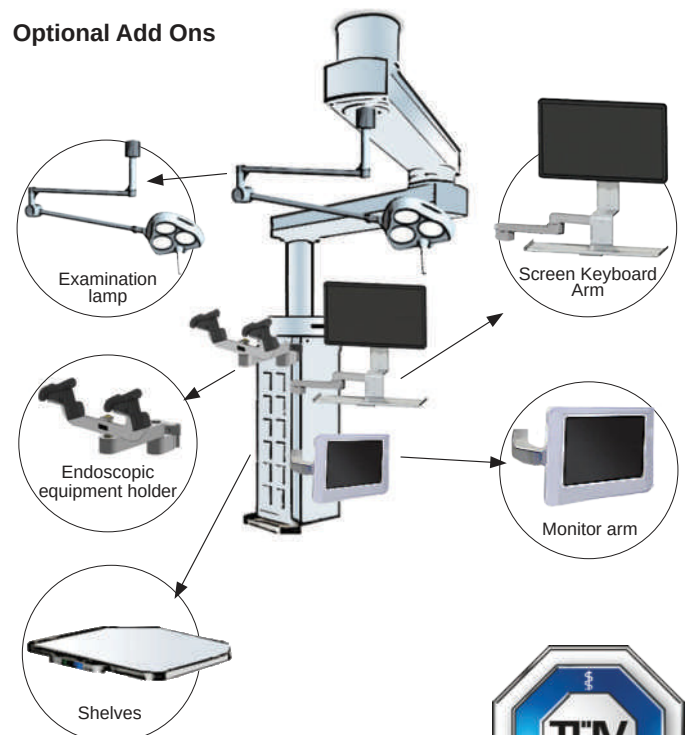
- EN ISO 13485-2016
- ISO 9001-2015
- CE marked



Diagram



Optional Add Ons



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