

## Single Overhead Suspension System for Endoscopic Applications

Silbermann Single Overhead Suspension System for Endoscopic Application is designed to be flexible and able to conform to various configurations depending on the space requirements, function and purpose.

The service head allows for attachment of numerous shelves, front or back-mounted and provides optional docking facilities for various carts carrying instruments.



### Features & Benefits

- Easy moving & positioning that enables a quick adapt to changing situations, Especially in Emergency cases.
- 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 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 endoscopic equipment holder can be added and clamped to a rail on the side of the service head.
- The service head provides optional docking facilities to various carts carrying instruments.
- The service head provides electric sockets, medical gas outlets, gauges, equipotential pins, connectors for data transfer, video recording telephone, intercom, nurse call & code blue.

# Single Overhead Suspension System

## 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 10 units
- Gas Outlets: Up to 10 units
- Pressure gauges: up to 6 units
- Service head height: 800/1000 mm/1200mm.
- 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

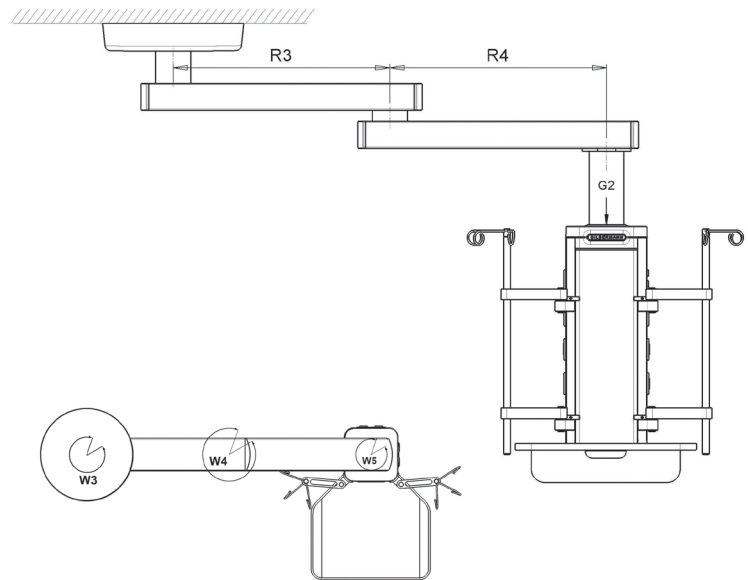
The Overhead Suspension Arm meets the requirements of: NFPA99, EN ISO 11197, and 7396-1 standards.

### Silbermann's Quality Management System:

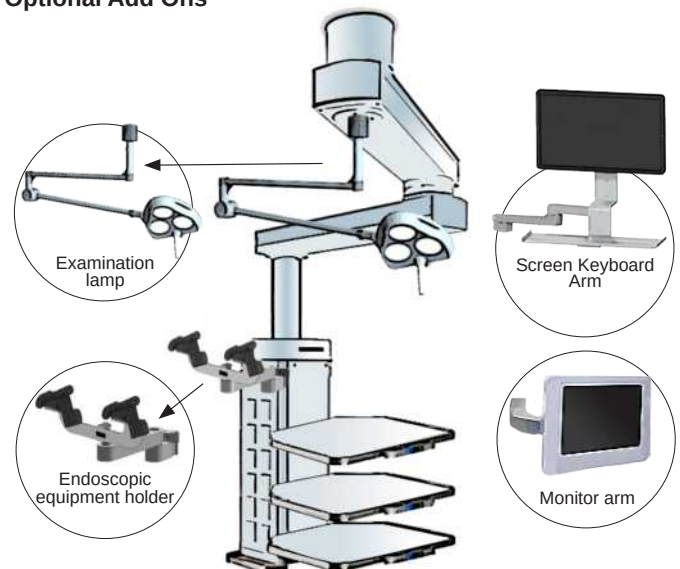
- EN ISO 13485-2016
- ISO 9001-2015
- CE marked



### Diagram



### Optional Add Ons



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