

S500 Clinical Pendant

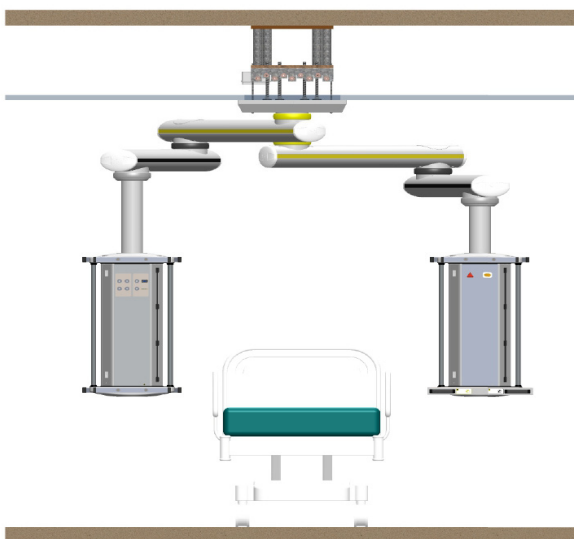
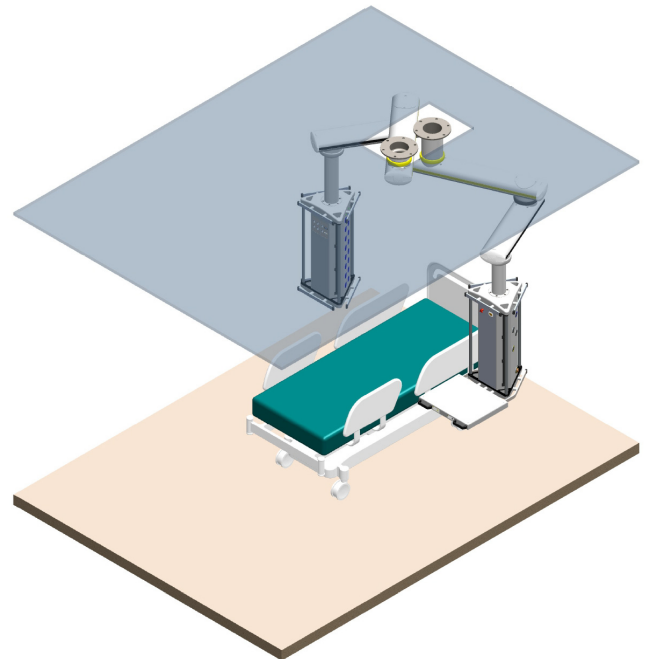
Series 500 Overview

The Series 500 pendant is a pneumatically braked, ceiling mounted lateral movement pendant for operating theatre suites (including anaesthesia, endoscopy etc.) and critical care areas.

A range of arm and column lengths are available depending on the procedures and equipment required.

Operational Benefits

- Defined Wet & Dry side configuration.
- Simple colour coded braking system.
- Provides all round access to the patient including the head area.
- Highly flexible - can be easily and safely repositioned to suit different cases and procedures.
- Neatly managed bed spaces reduce the visual impact on the patient and visitors
- Unique triangular service column with integral utility poles allows multiple shelves and accessory mounting on all sides.
- Medical gas outlets, electrical sockets (including data & AV) and nurse call systems can be mounted at a safe operational height.
- Standard and bespoke accessories available.
- Integral cable management provides a safe, organised environment.
- Better management of hazardous trailing leads and hoses.
- Better management of hazards associated with trolley mounted devices.
- Ability to dock or mount OEM ventilators and anaesthesia machines.



Commercial Benefits

- Low maintenance.
- Modular design with a low lifetime cost.
- UK manufactured with competitive pricing - PFI proven.
- Full design, installation, commissioning, training and service available.

Infection Control Features

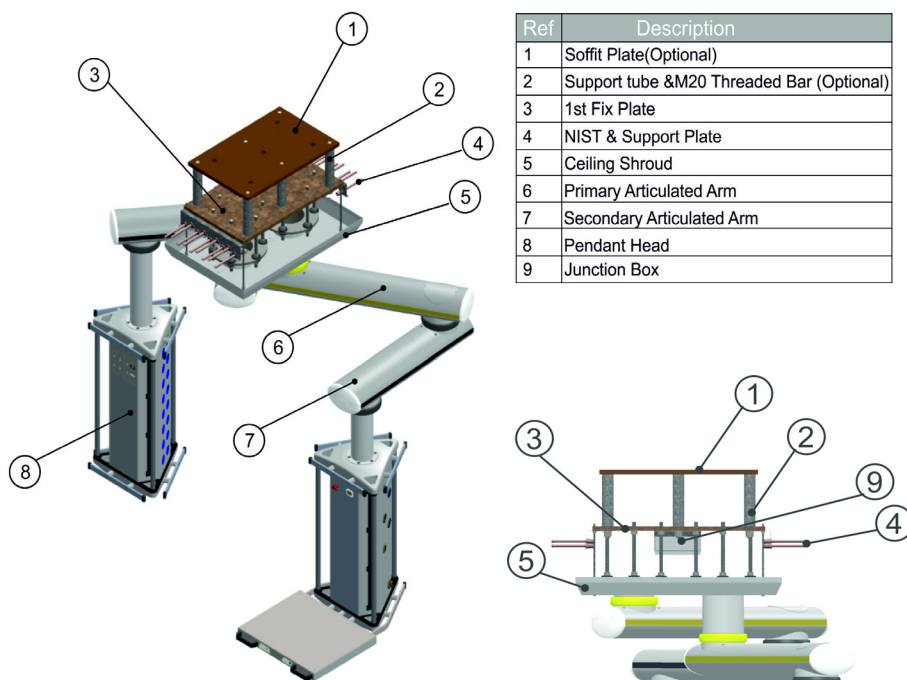
- Ceiling mounted system keeps floor clear and easy to clean.
- Oval arm design reduces dust build-up and promotes the cleaning process.
- Screw less socket and column fascias.

Key Details

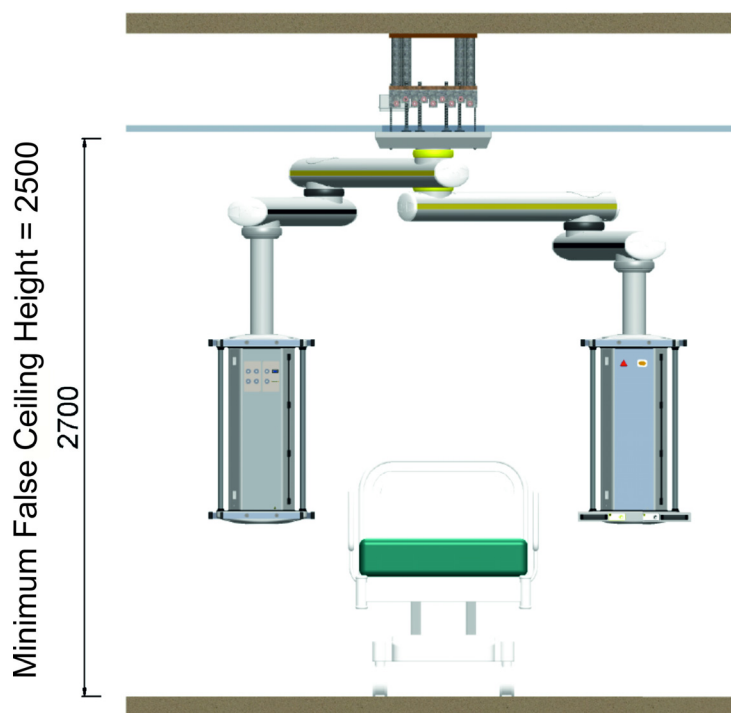
Pendant Components

The main pendant components are as shown. The pendant can be supplied with or without the soffit plate and support tubes, dependant upon the customer requirements.

The 1st fix plate can be mounted onto existing installations, subject to appropriate structural calculations by the architect/ structural engineer. It can also be mounted onto secondary structural steelwork again subject to appropriate structural calculations.



Key Dimensional information



Pendant Head Capacity	
Maximum arm payload	250kg (Standard Duty) - S500SD 400kg (Heavy Duty) - S500HD
Internal bearing diameter	105mm
Maximum gas content	14 Gas + 2 AGSS
Maximum electrical content	50 x 13A socket outlet
Maximum ELV content	18 x single gang outlet

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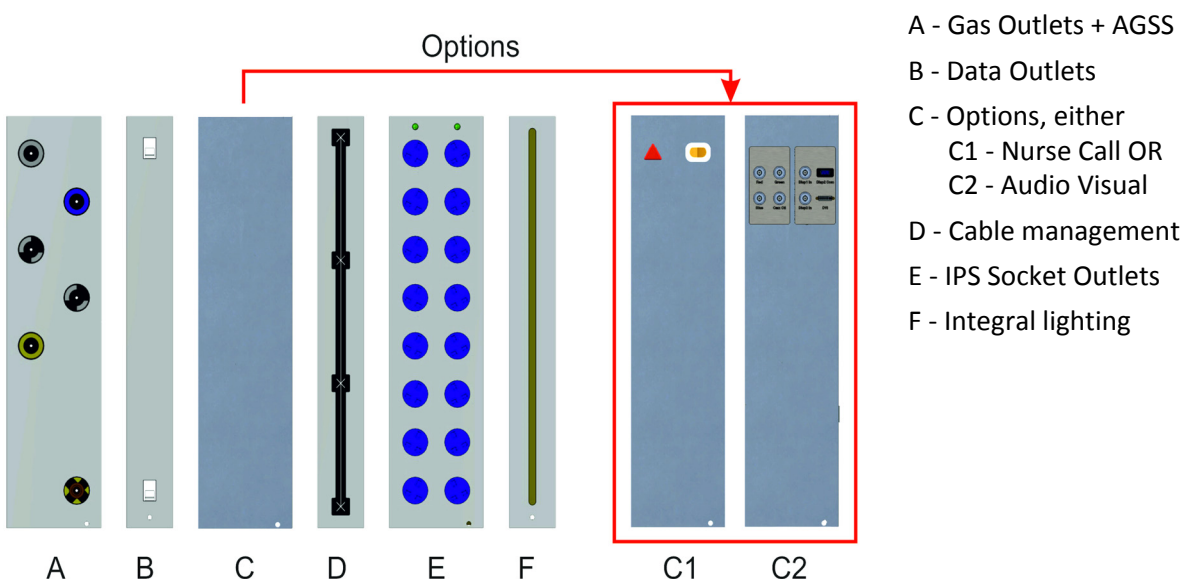
Typical Pendant Head Configuration

The service column has 3 x 180mm wide aluminium fascias for mounting medical gas/electrical socket outlets and 3 x 90mm wide aluminium fascias for mounting LV data/TV/telephone outlets.



Options available for installing/mounting on pendant head:

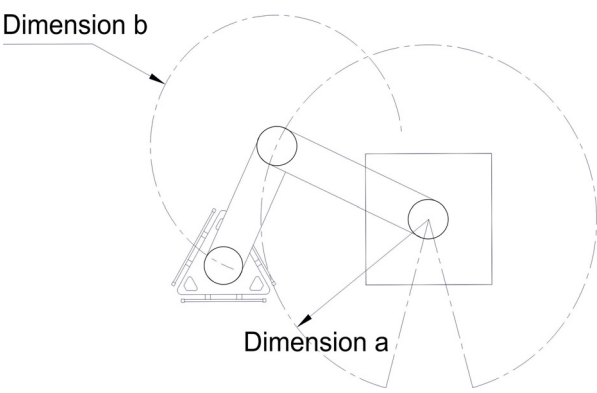
- Medical gas outlets - Oxygen, Entonox, Nitrous Oxide, Medical Air, Surgical Air, Vacuum, AGSS, Carbon dioxide
- Electrical socket outlets - standard, IPS or UPS
- Computer data connections
- Equipotential socket connectors
- AV sockets
- Telephony
- Nurse call
- Crash call outlets
- OEM ventilators and anaesthesia machines docking
- Integral lighting
- Various accessory mounts -Medi-Rail, baskets, shelves, drawers, equipment holders



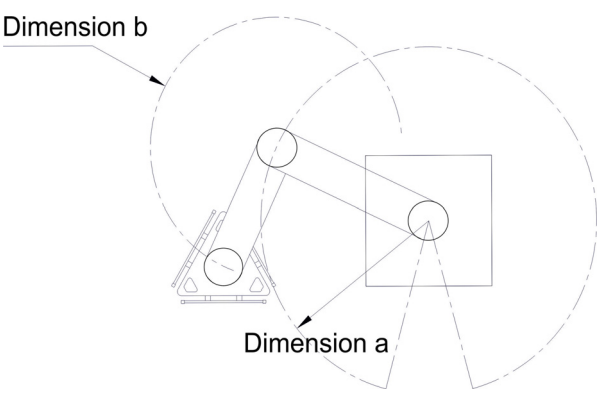
Product Specification

Operational Temperature range:	10°C to 40°C
Operational Relative Humidity range:	30% to 75%
Electrical socket outlet circuit rating:	230v 16A
Atmospheric Pressure range:	700 to 1060hPa
Brake circuit compressed air supply:	SA7 (reduced to 4bar)
Painted components finished in RAL9010 matt white epoxy powder as standard (other colours are also available)	

Series 500SD-System Loading Variations

	a (primary) - SD Arm	b (secondary) - SD Arm	c (load)
	500 mm	NOT FITTED	250 kg
	600 mm	NOT FITTED	230 kg
	800 mm	NOT FITTED	210 kg
	1000 mm	NOT FITTED	190 kg
	600 mm	500 mm	180 kg
	600 mm	600 mm	170 kg
	800 mm	500 mm	160 kg
	800 mm	600 mm	150 kg
	1000 mm	500 mm	140 kg
	1000 mm	600 mm	130 kg
	1000 mm	800 mm	110 kg
	* Figures shown are maximum load for the pendant system. They DO NOT detail accessories or equipment capacity. For remaining/allowable user load, subtract fitted head, accessory and equipment loads from the figure given at c. These figures can be supplied by Starkstrom on request.		

Series 500HD-System Loading Variations

	a (primary) - HD Arm	b (secondary) - SD Arm	c (load)
	600 mm	NOT FITTED	430 kg
	800 mm	NOT FITTED	400 kg
	1000 mm	NOT FITTED	380 kg
	1200 mm	NOT FITTED	Available on request
	1400 mm	NOT FITTED	Available on request
	1600 mm	NOT FITTED	Available on request
	600 mm	600 mm	360 kg
	800 mm	600 mm	340 kg
	800 mm	800 mm	340 kg
	800 mm	1000 mm	340 kg
	1000 mm	600 mm	290 kg
	1000 mm	800 mm	260 kg
	1000 mm	1000 mm	200 kg
	1200 mm	600 mm	Available on request
	1200 mm	800 mm	Available on request
	1200 mm	1000 mm	Available on request
	1400 mm	600 mm	Available on request
	1400 mm	800 mm	Available on request
	1400 mm	1000 mm	Available on request
	1600 mm	600 mm	250 kg
	1600 mm	800 mm	180 kg
	1600 mm	1000 mm	120 kg
	* Figures shown are maximum load for the pendant system. They DO NOT detail accessories or equipment capacity. For remaining/allowable user load, subtract fitted head, accessory and equipment loads from the figure given at c. These figures can be supplied by Starkstrom on request.		



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