



The **LivaNova Sorin Stockert S5** is the 5th generation of the perfusion heart-lung machine. The S5 offers state-of-the-art hardware and technology. The Sorin heart-lung machine has a similar design to the Sorin Xtra system - making it more flexible and configurable in different situations. The Stockert S5 system can be configured to hold three roller pumps to a full system which includes five roller pumps and a monitoring system. The system consists of different components that can be included in your system; Roller pumps, double roller pumps, a centrifugal pump, and a system panel. Each roller pump has an independent touchscreen control panel that can be adjusted using a knob to set the speed of the electronics in the pump.

## Features

- Console for 3 to 5 roller pumps. 2 Additional roller pumps can be mounted on the mast.
- Panel with 3, 4, or 6 display modules.
- SIII and SIII Encore system users can easily transfer their external devices for data management or SCP to the S5 System.
- Pump heads can be rotated into position to optimize tubing layout.
- Up to 4 TFT displays can be stacked vertically in the mast panel.
- Brushless, direct-drive roller pumps reduce noise.



## Specifications

### Dimensions (Console)

**Height:** 25" (64 cm)

#### Width

3-Position: 29.3" (74.5 cm) (Including push bars)

4-Position: 35" (89 cm) (Including push bars)

5-Position: 42.2" (107.3 cm) (Including push bars)

**Depth:** 23.6" (60 cm)

#### Weight

3-Position: 183.9 lbs (83.4 kg)

4-Position: 190.3 lbs (86.3 kg)

5-Position: 197.3 lbs (89.5 kg)

### Pump Dimensions

#### Roller Pump 150

Height: 20" (28.5 cm)

Width: 20" (18 cm)

Depth: 20" (48.5 cm)

Weight: 20lbs (15 kg)

#### Double Roller Pump 85

Height: 20" (25.7 cm)

Width: 20" (18 cm)

Depth: 20" (48.5 cm)

Weight: 20lbs (12 kg)

#### Mast Roller Pump 150

Height: 20" (28.9 cm)

Width: 20" (17.8 cm)

Depth: 20" (29.9 cm)

Weight: 20lbs (11.9 kg)

#### Mast Roller Pump 85

Height: 20" (23.7 cm)

Width: 20" (11.6 cm)

Depth: 20" (17.5 cm)

Weight: 20lbs (5 kg)

#### 2 Mast Roller pumps 85

Height: 20" (23.7 cm)

Width: 20" (26 cm)

Depth: 20" (20 cm)

Weight: 20lbs (11 kg)

### Pump Specifications

#### Roller Pump

Diameter of pump raceway Ø: 150 mm

Diameter of occlusion roller Ø: 30.5 mm

#### Double Roller Pump

Diameter of pump raceway Ø: 85 mm

Diameter of occlusion roller Ø: 15 mm

**Speed Range:** 0 to 250 rpm (clockwise, counterclockwise)

**Deviation in Speed Accuracy:** ±1% of the terminal value 250 rpm plus ±0.5% of set value

**Speed Deviation in The Event of a Fault (Detection of faulty speed from 30 rpm):** during continuous operation: +15% max.; 2 revolutions max. until pump stops

**Direction of Rotation:** Clockwise/counterclockwise

