

# ARCUS 501/601/701

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EXCEPTIONAL HEIGHT RANGE AND GREAT LOAD CAPACITY



**Swiss Innovation & Precision**

# Why Arcus?

## Great Load Capacity

The table delivers full performance in every position – even under maximum loads of up to 500 kg static and 360 kg dynamic.

## Exceptional Height Range

The advanced telescopic column allows precise and stable adjustment from 545 mm to 1150 mm.

## Stability

Our self-compensating hydraulic floor lock system ensures stability, even on uneven surfaces.

## Free access to imaging

The eccentric column offers a spacious, unobstructed working area. A large X-ray window, up to 1510 mm, eliminates the need for a sliding function.

## Redundancy-based Emergency Backup System

A second, fully independent system ensures 100% functionality if the primary system fails.

## Pressure-relieving cushions

Designed for long procedures and higher patient weights, our pads offer maximum comfort and optimal pressure distribution.




## Versatile combinations

The modular design enables optimal adaptation to surgical procedures and patient requirements.

## Swiss Engineering Excellence

Developed and built in Switzerland with over 130 years of precision manufacturing experience.

## Arcus table line

		
<b>Arcus 501</b>	<b>Arcus 601</b>	<b>Arcus 701</b>
Universal operating table with electrohydraulic seat plate adjustment - enables flexible positioning for a wide range of procedures.	Enhanced version with electrohydraulic seat and leg plate adjustment - for extended positioning flexibility.	Technically identical to the Arcus 501, but without seat plate - perfect for use with MTS, Carbon Spine Frame or carbon plates.
Arcus 501 ad 701 are compatible with Modular Traction System (MTS), Carbon Plates and Carbon Spine Frame (CSF). The models are compatible with all Schaefer Medical accessories. Each model is also available in a version equipped with Electrical Drive Unit.		

 marks the electro-hydraulically controlled joint

## Arcus with Carbon Spine Frame (CSF)

- Our design ensures optimal prone positioning with a free abdomen
- Provides full access for C-arms, O-rings, and anesthesia
- Features a large 3D X-ray window of 1315 mm / 51.7 inch
- Supports patient weights up to 240 kg (529 lbs)
- No floor support required
- Allows patient transport while positioned
- Compatible with DORO® and MAYFIELD® headrests



## Arcus with Modular Traction System (MTS)



- All-in-one positioning
- Fast setup and preparation time
- Lightweight carbon traction bars
- No floor support required
- Large 3D X-ray window
- All components fit in the compact trolley

## Electrical Drive Unit

- Built into a specially designed head plate
- Enables effortless and precise table movement in the operating theater
- Selectable fast and slow modes for quick repositioning or fine adjustments
- Ensures efficient and safe handling throughout the entire workflow
- Reduces physical strain on medical staff
- Saves time during patient positioning



# System Overview

Technical Specifications	Arcus 501	Arcus 601	Arcus 701
Table dimensions incl. head-and leg plates with side rails (mm)	L 2120 x W 580	L 2120 x W 580	L 2120 x W 580
Height adjustment without pad (mm)	545 - 1150	545 - 1150	545 - 1150
Pad thickness (mm)	50	50	50
Wheels dimensions (mm)	105	105	105
X-Ray window (mm)	1240	1240	1240
Trendelenburg position	30°	30°	30°
Reverse-Trendelenburg position	30°	30°	30°
Seat plate up / down	65° / 40°	65° / 40°	65° / 40°
Head plate up / down	40° / 45°	40° / 45	40° / 45°
Leg plate up / down	10° / 90°	90° / 190°	optional 10° / 90°
Leg plates swiveling out	90°	90°	90°
Lateral tilting to both sides	20°	20°	20°
Side rail dimensions (mm)	25 x 10	25 x 10	25 x 10
Table weight without head and leg plates (kg)	300	310	290
Max. patient weight capacity (kg)	500	500	500
Dynamic weight capacity, all positions (kg)	360	360	360
IPX-Protection against entry of liquids	IPX4	IPX4	IPX4

Electro-hydraulic Segment Movements	Arcus 501	Arcus 601	Arcus 701
Height adjustment up / down	✓	✓	✓
Trendelenburg / Reverse Trendelenburg	✓	✓	✓
Lateral tilt left / right	✓	✓	✓
Seat holm (A-Position) Leg holm (B-Position) up / down	✓	✓	✓
Leg plate up / down	—	✓	—
Flex / Reflex	✓	✓	✓
Automatic leveling to zero position	✓	✓	✓

## Electrical Data

- Electrical mains connection 100-120 / 200-240 V AC, 50-60 HZ
- Control voltage 24 V DC
- Main system: (2 x 12 V DC) capacity 12 AH
- Emergency system: 24 V DC (2 x 12 V DC) capacity 7 AH
- Battery charging time approx. 6 to 8 hours



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