

# Avanta Technical Parameters



Clinic | Care | Assist

## TECHNOLOGY

that gives more

Interesting details and information on the technological components of our Avanta plus and classic.

You can find more pictures of the product and its details in our Clinic catalogue



**Avanta classic** alternatively with split side guards or without side guards.



**Avanta plus** with integrated continuous side rails.

## Weights and measurements

External dimensions :	1010 x 2150 mm
Mattress base:	900 x 2000 mm (mattress dimensions: 870 x 1980 mm)
Mattress base division:	853/190/320/541 mm
Length settlement to DBfK:	approx. 100 mm
Safe working load:	225 kg
Maximum lifting load:	250 kg
Clearance to floor in every mattress base position:	approx. 150 mm (between the telescopic columns)
Total weight:	approx. 160 kg

## Adjustment options

Tilting of the mattress base in lowered head section position:	up to 16°
Tilting of the mattress base in lowered leg section position:	up to 13°
Mattress base height adjustment:	420 to 830 mm
Speed of height adjustment:	approx. 30 sec.
Raising the backrest:	up to approx. 70° (incl. Emergency handle on both sides)
Raising the thigh rest:	up to approx. 45°

## Mattress base

- Standard synthetic mattress base (ABS plastic)
  - The cleaning is quick and easy
  - With cut-outs for posey belt holders
- Bed extension, with integrated lower leg rest extension as an option (200 or 280 mm)
- Integrated bed stripper with control box attached to bed stripper

## Castors

- |   |   |
|---|---|
| - Standard:                               | with load-dependent automatic track locking |
| - Diameter of the castors:                | 150 mm                                      |
| - Total weight supportable by one castor: | 150 kg                                      |

## Attachment possibilities for accessories

- Utility rail below the mattress base
- In contrive protection integrated (only for beds with split-length side rails)
- Two sleeves for patient lifting poles or infusion stands, on the inside of the frame, at the head end

# Avanta Technical Parameters

## Side guards concept (options)

- Without side guards
- Separate continuous rails attachable to the head section of Avanta classic
- Continuous side rails (to 360 mm above the mattress base)
- Split-side guards (to 440 mm above the mattress base)

## Electric motor equipment

- Installation of a powerful toroidal transformer
- Independent operation from the battery charging status
- Protection against overloading and overheating
- Easily and quickly changeable, high-quality EPR mains cable and battery package
- Can be supplied with blocking box or removable control box (integrated in the bed stripper)
- Control box with particular blocking adjustable functions
  - 2 programmable mattress base heights and angles
  - Automatic stop for the mattress base tilting when horizontal position is reached
- All motors are splash water proof IP66
- Other options: lighting under the bed, brake alarm, foot switch

## Head and foot sections

- Avanta plus
  - Suitable for use as an reanimation aid
- Avanta classic
  - Suitable for separate continuous side guards
- An extensive range of colours and decorative styles for individual designs is available

## Materials

- Undercarriage and mattress frame: aluminium diecast and steel welded construction with long lasting polyester powder coating or matt chrome
- Head and foot panels: high pressure laminate
- Mattress base: ABS - plastic
- Bed can be cleaned in an automatic washing system
  - Cathodic powder coating offers enduring protection against corrosion

## Protection against damage

- Edging protection integrated in the side rails/ side guards on the longer sides of the bed
- Four wall deflection rollers
  - Running horizontally and also vertically on the head side (option)
- Protection bar between the split side guards

**In case of any further queries please do not hesitate to contact us. Phone us or send us an e-mail.**

**Joh. Stieglmeyer GmbH & Co. KG**  
Ackerstraße 42, 32051 Herford, Germany  
Telefon: +49(0) 5221/ 185-0  
Fax: +49(0) 5221/ 185-252  
E-Mail: [info@stieglmeyer.com](mailto:info@stieglmeyer.com)  
[www.stieglmeyer.com](http://www.stieglmeyer.com)



**STIEGLMEYER**