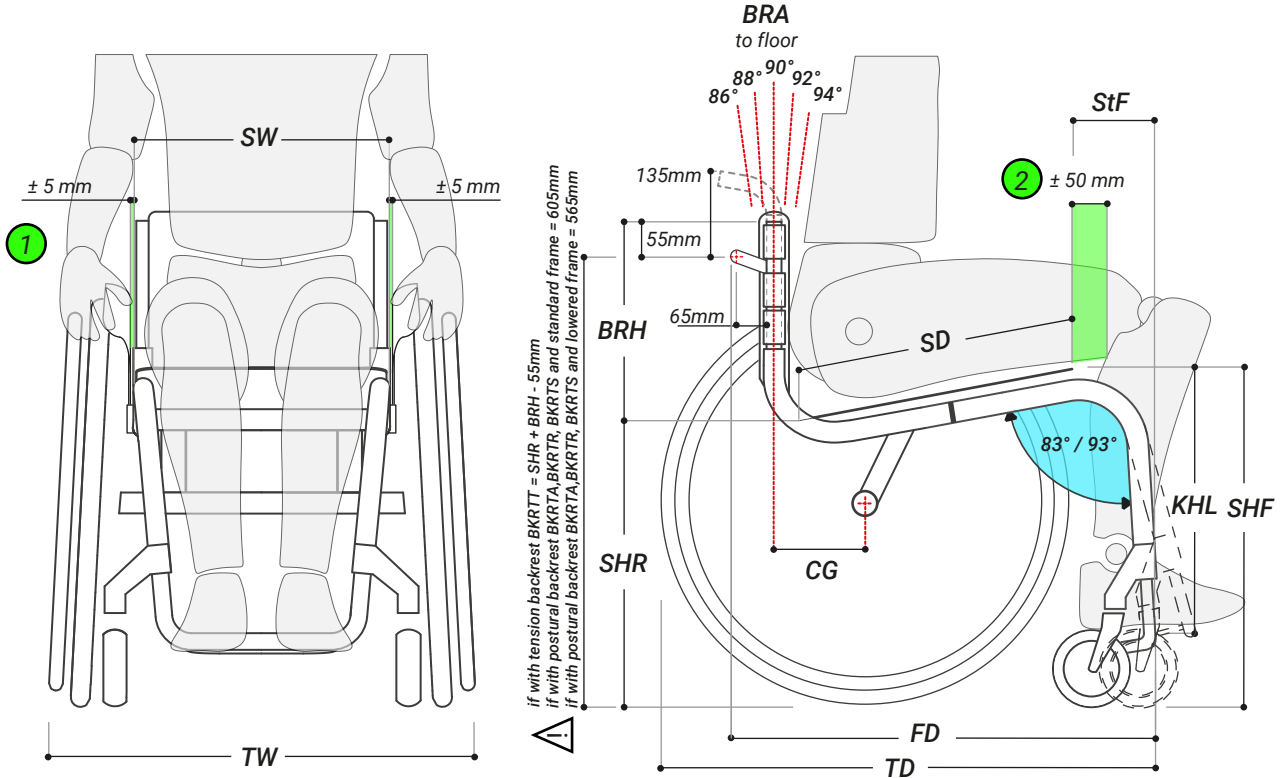


## TECHNICAL SCHEME



The technical scheme do not consider the dimensions of any postural and anti decubitus cushions.

**SW:** Considered external tube to external tube of the frame. The dimension between the internal faces of the side guards is  $\pm 10 \text{ mm}$  than the SW.

**BRH:** Considered from the seat plate to the top of the backrest.

**SD:** Considered as the depth of the seat plate. The seat plate can be slid of 20 mm in order to follow the different angles of the backrest.

**CG:** Considered from the backrest tube to the axle of the rear wheels.

**FD:** Frame Depth = STF + SD - 10mm + 130mm (based on frame 83°, if your choice is frame 93° FD will be longer than +35mm)

**SHF and SHR:** Seat height front and rear can be adjusted only by tilting the seat. The frame tubes height than the floor is fixed.

For a right sizing of the wheelchair is recommended:

**1** SW | Seat Width \_ A space of  $\pm 5 \text{ mm}$  between the user basin and the side guards

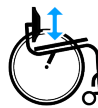
**2** SD | Seat Depth \_ A space of  $\pm 50 \text{ mm}$  between the user's popliteal fossa and the rigid carbon seat.



**SW:** 340 – 460 mm  
in increments  
of 20 mm



**SD:** 360 – 460 mm  
in increments  
of 20 mm



**BRH:** 240 – 420 mm  
in increments  
of 15 mm



**SHR:** 360 – 430 mm  
in increments  
of 10 mm



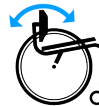
**SHF:** 450 – 520 mm  
in increments  
of 10 mm



**KHL:** 300 – 440 mm  
in increments  
of 10 mm



**CG:** 100 – 150 mm  
in increments  
of 10 mm



**BRA:** 88° - 92°  
in increments  
of 2°



**CRW:**  
0° or 3°



**StF:** 120 - 160 mm  
in increments  
of 20 mm



**TOTAL WIDTH (TW)**  
(Camber 0°) SW + 175 mm  
(Camber 3°) SW + 220 mm



**TOTAL DEPTH (TD)  
STANDARD FRAME**  
StF + SD + 130 + 100  
+ (100-CG) (+35 if 93°)



**TOTAL DEPTH (TD)  
LOWERED FRAME**  
StF + SD + 130 + 100  
+ (100-CG) - 25  
(+35 if 93°)



**TRANSPORT WEIGHT:**  
(Without rear wheels)  
 $\pm 6.0 \text{ kg}^*$



**MAXIMUM  
USER WEIGHT:**  
120 Kg



**\* CONFIGURATION:**  
SW340 / SD420 / STF120 /  
LWDF / BRH255 / BKRUR /  
BRH255 / AXLMG0CV / FOOTA2 /  
BRKASL / FRKDS2 / FRWHP4 /  
SDAL2 / BKRTT

ARIA WHEELS SRL

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## STANDARD CONFIGURATION

2022 rev1

<b>Frame angle:</b>	Angle 83° - Closed frame (FRM83) Angle 93° - Open frame (FRM93)
<b>Seat width (SW):</b>	from 340 to 460 mm
<b>Seat depth (SD):</b>	from 360 to 460 mm
<b>Seat to footrest (STF):</b>	from 120 to 160 mm
<b>Camber Rear Wheels (CRW):</b>	0° or 3°
<b>Center of Gravity (CG):</b>	from 100 to 150 mm
<b>Frame type:</b>	Standard frame (STDF) Lowered frame (LWDF)
<b>Seat height rear (SHR):</b>	from 360 to 430 mm
<b>Seat height front (SHF):</b>	from 450 to 520 mm
<b>Knee to heel length (KHL):</b>	from 300 to 440 mm
<b>Seat type:</b>	Carbon fibre seat pan with tilting system (CARBTS)
<b>Backrest system:</b>	Fixed backrest (BKRUR)
<b>Backrest height (BRH):</b>	from 255 to 420mm
<b>Backrest angle (BRA):</b>	88° to floor (BRA88) 90° to floor (BRA90) 92° to floor (BRA92)
<b>Rear wheels axle:</b>	Black matte painted aluminium (AXLAL...)
<b>Footrest:</b>	Adjustable with black painted aluminium cover (FOOTA2)
<b>Brakes:</b>	Aria® scissor lock (BRKASL + BRKASR)
<b>Frame color:</b>	White (BR) Graphite grey (GG) Black (NR)
<b>Rear wheels dimensions:</b>	24 " 25 "
<b>Rear wheels type:</b>	Black Wheel with black hub and black spokes (RWHAG - RWHAG1)
<b>Handrim 24"/ 25":</b>	Black anodized aluminium (HDRMB - HDRMB1) Silver anodized aluminium (HDRMS - HDRMS1)
<b>Tyre 24x1.00 / 25x1.00:</b>	Schwalbe Right Run - Black/Grey (WTWR - WTWR1)
<b>Forks:</b>	Aria® Double - Sided - black anodized aluminium (FRKDS2)
<b>Front casters:</b>	Black plastic 3" (FRWHP3), 4" (FRWHP4), 5" (FRWHP5)
<b>Side guards / Armrests:</b>	Black ABS Fendered (SDAL1 - SDAL2)
<b>Backrest:</b>	Aria® adjustable Tension Backrest (BKRTT)
<b>Push handles:</b>	None
<b>Under seat bag / Handle:</b>	None
<b>Calf band:</b>	Calf band, height 8 cm - black textile (CLFB8)
<b>Manufacturer's suggested retail price:</b>	2960€

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