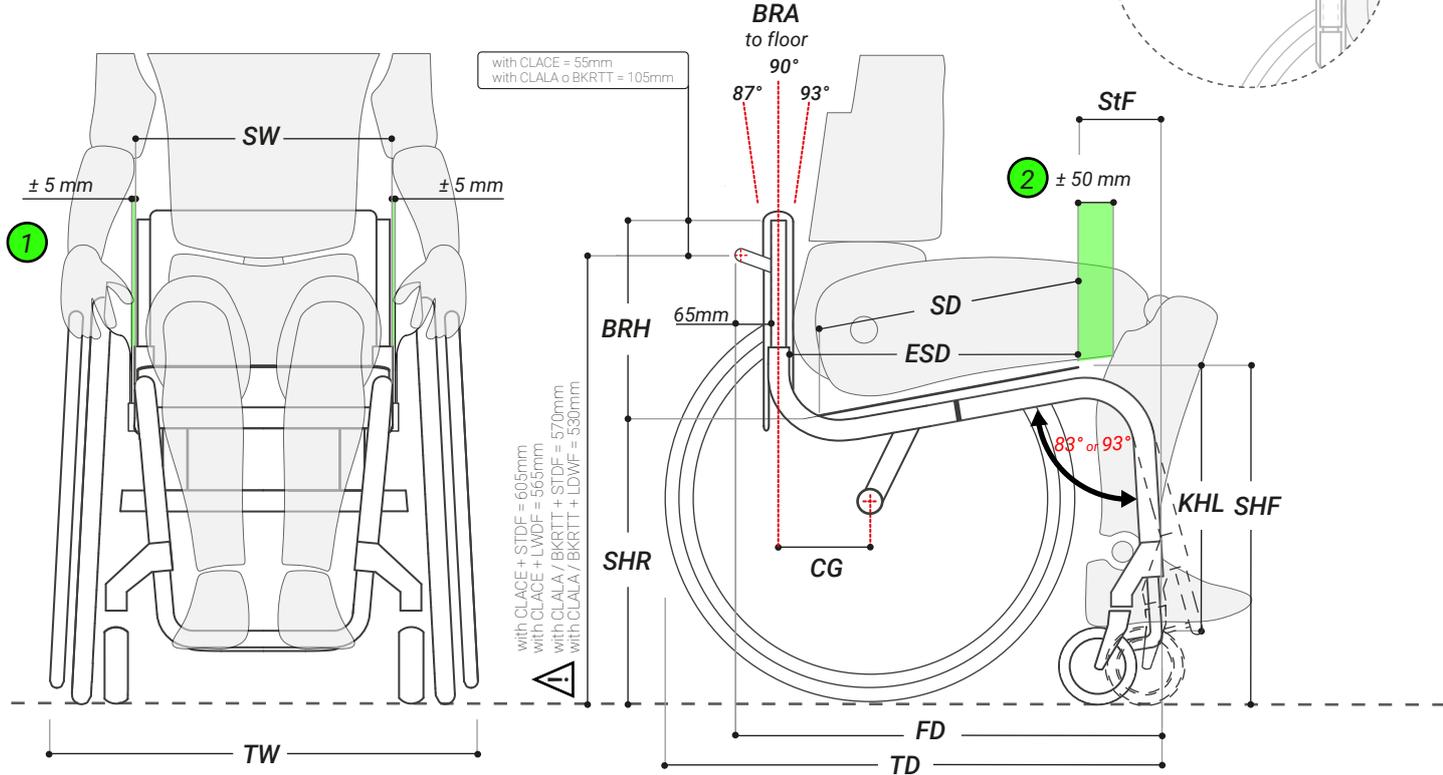


TECHNICAL SCHEME



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 +10 mm than the SW.

SD: It is the length of the seat. The CARBTS seat plate can slide 20mm.

ESD: This is the effective depth of the seat. It considers the dimension from the end of the seat to the back tube. $ESD = (SD + 20mm)$

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

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.

BRH: Considered from the seat (upholstery or carbon) to the top of the backrest tube.

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

For a right sizing of the wheelchair is recommended:

- ① SW | Seat Width _ A space of ± 5 mm between the user basin and the side guards
- ② SD | Seat Depth _ A space of ± 50 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: 270 – 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: 87° - 93°
in increments
of 3°



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**
 $StF + SD + 130 + 100$
 $+ (100 - CG) (+35 \text{ if } 93^\circ)$



**TOTAL DEPTH (TD)
LOWERED FRAME**
 $StF + SD + 130 + 100$
 $+ (100 - CG) - 25$
 $(+35 \text{ if } 93^\circ)$



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

2024 rev0

Frame angle:	Angle 83° - Closed frame (FRM83) Angle 93° - Open frame (FRM93)
Seat width (SW):	from 340 to 460 mm
Seat depth (SD):	from 360 to 460 mm
Seat to footrest (STF):	from 120 to 160 mm
Camber Rear Wheels (CRW):	0° or 3°
Center of Gravity (CG):	from 100 to 150 mm
Frame color:	Black (NR) Graphite Grey (GG) Light Green (VO) Yellow (GO)
Frame type:	Standard frame (STDF) Lowered frame (LWDF)
Rear wheels axle:	Black matte painted aluminium (AXAL20)
Seat type:	Carbon fibre seat pan with tilting system (CARBTS)
Seat height rear (SHR):	from 360 to 430 mm
Seat height front (SHF):	from 450 to 520 mm
Backrest system:	Fixed backrest (BKRUR)
Backrest type:	Aria adjustable Tension Backrest (BKRTT)
Backrest height (BRH):	from 270 to 420 mm
Backrest angle (BRA):	88° to floor (BRA88) 90° to floor (BRA90) 92° to floor (BRA92)
Footrest:	Adjustable with black painted aluminium cover (FOOTA2)
Knee to heel length (KHL):	from 300 to 440 mm
Brakes:	Aria scissor lock (BRKASL + BRKASR)
Rear wheels dimensions:	24 " 25 "
Rear wheels type:	Black Wheel with black hub and black spokes (RWHAG)
Handrim 24"/ 25":	Black anodized aluminium (HDRMB) Silver anodized aluminium (HDRMS)
Tyre 24x1.00 / 25x1.00:	Schwalbe Right Run - Black/Grey (WTSWR)
Forks:	Aria Double - Sided - black anodized aluminium (FRKDS2)
Front casters:	Black plastic 3" (FRWHP3), 4" (FRWHP4), 5" (FRWHP5)
Side guards / Armrests:	Black ABS Fendered SDAL (SDG20)
Calf band:	Calf band, height 8 cm - black textile (CLFB8)
Manufacturer's suggested retail price:	3100€

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