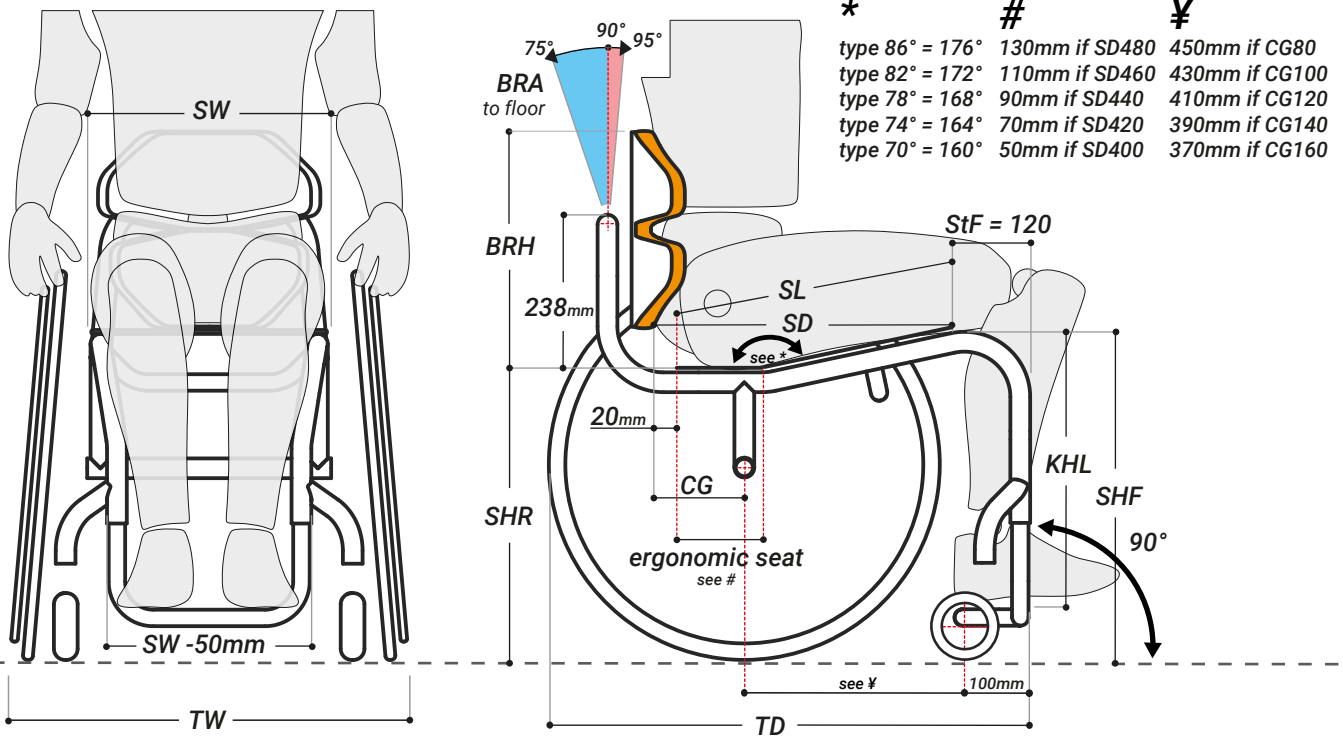


TECHNICAL SCHEME

2024 rev1



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: Considered the depth of the seat. It considers the dimension from the end of the seat to the postural backrest.

SL: Considered the length of the seat pan. SL with CARBFX = SD - 20mm | SL with CARBTF = SD - 20mm

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

StF: The value 120mm of the StF is fixed and cannot be modified.

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

Backrest foam, thickness 30 mm.

For a right sizing of the wheelchair is recommended:

SW | Seat Width _ A space of ± 5 mm between the user basin and the side guards.

SD | Seat Depth _ A space of ± 50 mm between the user's popliteal fossa and the seat.

scan for measurements tutorial



SW: 340 – 440 mm
in increments
of 20 mm



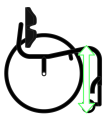
SD: 400 – 480 mm
in increments
of 20 mm



BRH: 255 – 405 mm
in increments
of 15 mm



SHR: 360 – 500 mm
in increments
of 10 mm



SHF: 460 – 520 mm
in increments
of 10 mm



KHL: 310 – 420 mm
in increments
of 10 mm



CG: 80 – 160 mm
in increments
of 20 mm



BRA: 85° - 95°
in increments
of 1°



CRW:
0° or 3°



TOTAL WIDTH (TW)
(Camber 0°)
SW + 195 mm
(Camber 3°)
SW + 240 mm



TOTAL DEPTH (TD)
StF + SD + 80 + 100
+ (100-CG)



TRANSPORT WEIGHT
(Without rear wheels
and backrest)
± 4.9 kg*



**MAXIMUM
USER WEIGHT**
120 Kg



*** CONFIGURATION:**
SW340 / SD420 / STF120 /
BRH255 / FOOTA1 /
BRKASL / FRKDS2 /
FRWH4 / CARB3 / BKR1F /
RT1 / FONOT / CARB73

ARIA WHEELS SRL

Registered Office_Via della Divisione Torino, 92 00143 Roma - Italy

Production Dept_Via A. Volta, 7/B 36030 Costabissara (VI) - Italy

VAT IT 12848301003 | tel. +39 0444701414

www.ariawheels.com | info@ariawheels.com



STANDARD CONFIGURATION

2024 rev1

Frame type:	Frame with SHF SHR difference of 20mm (86° ANGLE) Frame with SHF SHR difference of 40mm (82° ANGLE) Frame with SHF SHR difference of 60mm (78° ANGLE) Frame with SHF SHR difference of 80mm (74° ANGLE) Frame with SHF SHR difference of 100mm (70° ANGLE)
Seat width (SW):	from 340 to 440 mm
Seat depth (SD)	from 400 to 480 mm
Camber Rear Wheels (CRW):	0° or 3°
Center of Gravity (CG):	from 80 to 160 mm
Frame Color:	Black (NR) Graphite Grey (GG) Light Green (VO) Yellow (GO)
Seat type:	Adjustable tension upholstery seat (CARBTF)
Seat height rear (SHR):	from 360 to 500 mm
Seat height front (SHF):	from 460 to 520 mm
Postural Backrest:	Rigid aluminium postural backrest
Backrest system:	Fixed Postural Backrest (BKR1F)
Backrest height (BRH):	from 255 to 405 mm
Backrest angle (BRA):	Inclination fom 85° to 95°
Footrest:	Height-adjustable footrest (FOADJ)
Knee to heel length (KHL):	from 310 to 420 mm
Brakes support:	Standard clamp (BRKASL2)
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:	3" Black anodized aluminium caster (FRWH3) 4" Black anodized aluminium caster (FRWH4)
Side guards supports:	Aluminium support (ALCMT82)
Side guards:	Carbon Fiber Rigid (CARB3)
Calf band:	Calf band, height 8 cm - black textile (CLFB8)
Manufacturer's suggested retail price:	

scan to configure



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