

ATTITUDE



ATTITUDE VIP17

External presentation June 2017

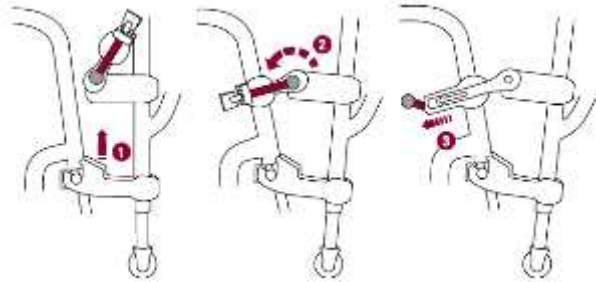
MEET THE ATTITUDE FAMILY



- **ATTITUDE manual:** the athlete. The perfect partner for your workout: sporty and reliable with 30 gears and a powerful disc-brake
- **ATTITUDE hybrid:** your personal tailwind- gives you a push when you need it. Perfect for extended tours or a relaxed trip with the 250W Neodrives System
- **ATTITUDE power:** the range extender for your daily life. Takes you everywhere with up to 23kp/h and a 16" front-wheel for good traction on- or offroad
- And the **youngest member** of the family- details to follow....

RECAP: ATTITUDE USP

- **Stability:** two points of connection between the wheelchair and the ATTITUDE for a stiff connection and best efficiency
- **Weight:** only 2 small adapters (85g each) on the wheelchair instead of the competition's massive 1,5kg adapters. Available for 19 competitor wheelchairs
- **Speed:** docking & undocking in less than 10 seconds with the easy-to-operate docking mechanism



- **Handling:** integrated stand with transfer wheels for easy handling of the undocked ATTITUDE
- **Quality:** premium components (SRAM, Avid, Alber, Schwalbe), proven design (1000 units sold)
- **Aesthetics:** clean and integrated design. Available in 31 colours (w/o upcharge). Frame, cranks and chainguard in different colours w/o upcharge



ATTITUDE VIP FY17 NEWS I

New cable-stabilizers for manual & hybrid (parts from shark RS)

New upcharge option:
Angle- & depth-adjustment
for manual & hybrid

+15% battery capacity (17,5Ah
instead of 14,5Ah)

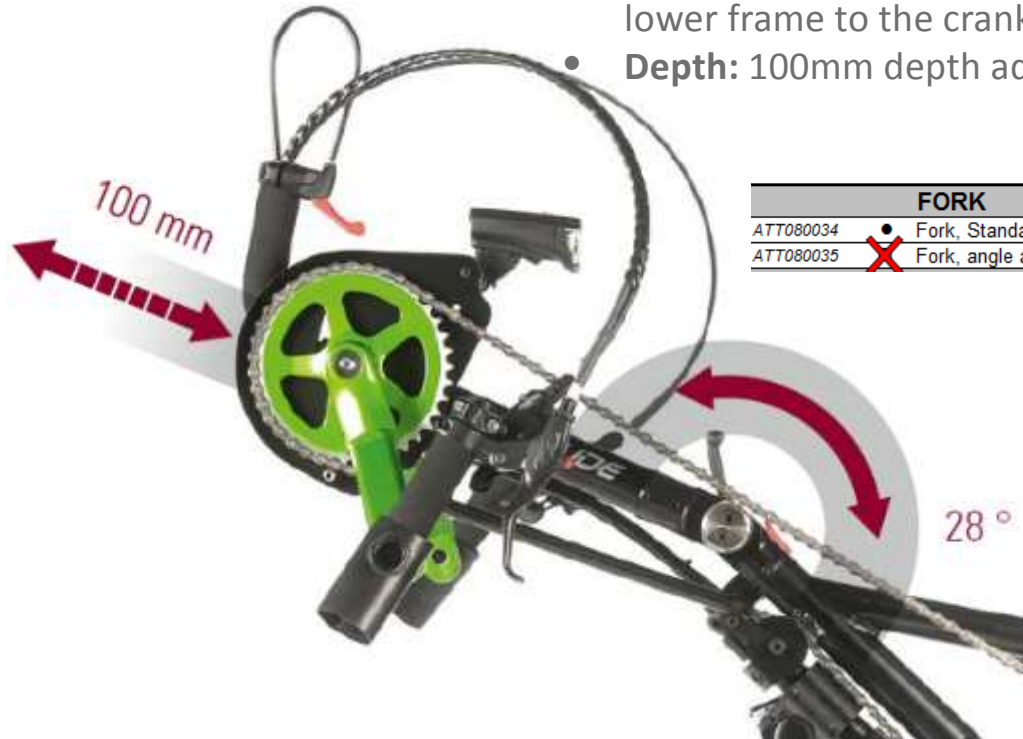


New hub-motor with planetary gearing and optical sensor for improved uphill-capability and improved response characteristic

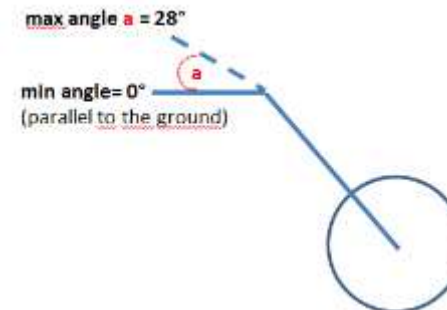


ATTITUDE VIP FY17 NEWS II

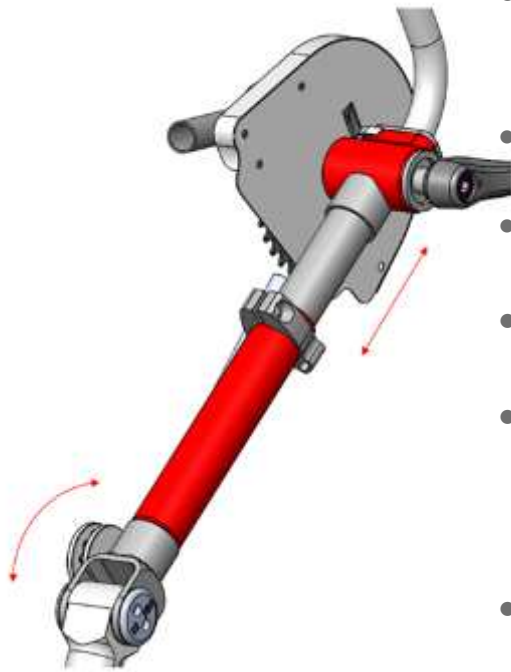
- **ANGLE AND DEPTH ADJUSTABILITY** as upcharge-option for the manual and hybrid version
- **Optimized positioning** of the crank towards the user for highly efficient cranking
- **Performance:** very stiff construction, almost no difference to rigid fork. Adds roughly 1kg of weight.
- **Easy operation:** continuously adjustable, smooth operation
- **Angles** from 0° (parallel to the ground) up to 28° (almost a straight line from lower frame to the crank)
- **Depth:** 100mm depth adjustability (+/- 50mm compared to the standard fork)



FORK		Manual	Hybrid	Power	
ATT080034	• Fork, Standard	x	x	x	
ATT080035	✗ Fork, angle and depth-adjustability of crank-position	x	x	-	390,-



ATTITUDE VIP FY17 NEWS II



- **Perfect position** depends on arm length, upper body size and lesion height/ disability of the user. Always adjust docking correct (using the spacers on the upper clamp) before you make use of the adjustable fork
- Arms should never be fully extended when the user reaches the outer dead-center of the cranks
- Height of the cranks depends on upper body size and disability
- **Delivery:** out-of-the box, the depth-adjustment is in the shortest position (0mm) and the angle is the same as on a standard fork
- **Chain-length:** a built in chain-tensioner (on the kids-bike- on the adult bike the derailleur functions as chain-tensioner) makes it possible to extend the depth from 0-40mm. To further extend it, (40-100mm), a piece of chain (included in delivery) needs to be fitted with “quick-links”
- **NoGos:** can not be combined with ATT060051 “brake, backpedal actuation”



THE YOUNGEST MEMBER OF THE FAMILY- THE ATTITUDE *Junior*



IMPROVING PEOPLE'S LIVES

THE BENEFITS OF HANDBIKES FOR KIDS



- Kids have a need for movement...
- ...and need to exercise to develop
- They want to explore the world, and therefore need that extra-range which the ATTITUDE junior provides
- The ATTITUDE junior gives them the ability to play with friends, cover the distance to school or to the playground together- That's real-life inclusion
- They gain self confidence through inclusion and independence
- Handbiking strengthens the cardiovascular system, co-ordination ability and body awareness



ATTITUDE

Junior



New for FY17

- For kids from 1,20m body size
- For chairs with frame widths from 260mm
- Compatible with: Youngster3, Life T/ RT, combination-agreement with SORG chairs (Vector and Jump) in preparation

Specification:

- 16" front wheel
- Compact frame and docking
- Angle- and depth-adjustability as standard
- Length adjustable cranks (110/130mm or 130/150mm) as standard
- Horizontal handles (optional: vertical handles)
- 8spd hub gearing with grip-shift
- Backpedal-brake plus parking brake (rim brake)
- Integrated chain-tensioner

ORDER FORM ATTITUDE JUNIOR



The ATTITUDE Junior is compatible with pediatric chairs but as well with a range of adult chairs

Quickie pediatric Wheelchairs	
<input type="radio"/> Easy Life T	(fixed front frame only)
<input type="radio"/> Easy Life RT	(fixed front frame only)
<input type="radio"/> Youngster 3	(3)
Quickie Wheelchairs	
<input type="radio"/> Easy Life	(fixed front frame only)
<input type="radio"/> Easy Life R	(fixed front frame only)
<input type="radio"/> Xenon/Xenon ²	(fixed front frame only)
<input type="radio"/> Argon ²	
<input type="radio"/> Helium	

Other pediatric Wheelchairs	
<input type="checkbox"/> Sorg Vector (1;2)	(fixed front frame only) 350,-
<input type="checkbox"/> Sorg Jump (1;2)	(fixed front frame only) 350,-
Other Wheelchairs	
<input type="checkbox"/> RGK Tiga (2)	250,-
<input type="checkbox"/> PRO ACTIV Speedy (2)	350,-

The angle- and depth-adjustable fork is standard on the ATTITUDE Junior

FORK	
ATT080036	● Fork for Attitude Junior, angle and depth-adjustability of crank-position -

8spd gear hub with Grip-shift is standard on the ATTITUDE Junior. Back-pedal brake is included.

GEAR AND SHIFTERS	
ATT070043	● Gear hub, 8 speed, coaster brake with grip-shift -

The Junior crank is standard on the ATTITUDE Junior (two lengths available; other cranks via B4me)

The horizontal handle is Standard on the ATTITUDE Junior (Grip-shift mounted to the frame)

Vertical handles can be chosen (Grip-shift mounted to the handle)

CRANK AND HANDLE - special length, widths and shapes via B4Me		
ATT080037	● Junior crank: length adjustable (2 positions)	-
ATT080038	● short: length 110/130mm	
ATT080039	○ long: length 130/150mm	
ATT080039	● Junior Handle, horizontal, round, diameter 22mm (1)	-
ATT080023	○ Handle, vertical, 10° angle, round, diameter 30 mm (2)	-
ATT080027	<input type="checkbox"/> Quad, hand support	135,-
ATT080028	<input type="checkbox"/> Quad, arm support	145,-
ATT080025	<input type="checkbox"/> Handle, vertical, 25° angle, oval, diameter 37 x 21 mm (2)	100,-



ATTITUDE JUNIOR & YOUNGSTER 3



The mounting bracket for the brakes on the Youngster is a general NoGo for the combination with the ATTITUDE Junior (*there's not enough space for the upper clamp of the Attitude*)

Three retro fit-kits are available for fitting the ATTITUDE Junior to a Youngster3 in the field (*when you order a new Youngster3 together with an ATTITUDE Junior, the correct mounting brackets will be mounted automatically*)

Fitting-kits for Youngster3 (4)			
ATT060150	<input type="checkbox"/>	Retro-fit kit wheel-lock attachment for Youngster (Knee-lever-to Standardbrake),incl. Standardbrake left & right (4)	140,-
ATT 060151	<input type="checkbox"/>	Retro-fit kit wheel-lock mounting brackets for Youngster with Standardbrake (4)	78,-
ATT 060152	<input type="checkbox"/>	Retro-fit kit wheel-lock mounting brackets for Youngster with Safaribrake (4)	78,-

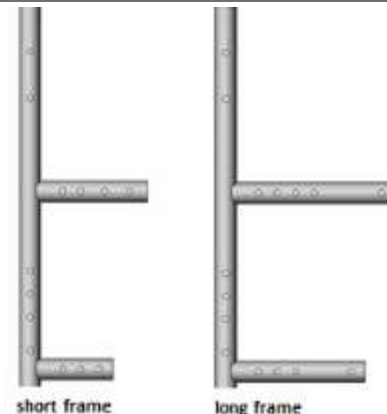
ATT060150 Retro-fit kit wheel-lock attachment for Youngster (Knee-lever-to Standardbrake),incl. Standardbrake left & right (*Necessary if your Youngster3 is equipped with knee-lever brakes. This kit includes two Standardbrakes and mounting brackets*)

ATT060151 Retro-fit kit wheel-lock mounting brackets for Youngster with Standardbrake (*Necessary if your Youngster3 is already equipped with Standardbrakes. This kit includes mounting brackets*)

ATT060152 Retro-fit kit wheel-lock mounting brackets for Youngster with Safaribrake (*Necessary if your Youngster3 is already equipped with Safaribrakes. This kit includes mounting brackets*)

Short frame (seat-depth <= 300mm)					
wheel size	COG Position		Wheel lock		
	1 (passive)	2 (active)	knee-lever	Standard	Safari
24"	⊗	⊗	⊗ (1)	⊗	⊗
22"	ok	⊗	⊗ (1)	ok (2)	ok (3)
20"	ok	ok	⊗ (1)	ok (2)	ok (3)

Long frame (seat-depth > 300mm)						
Wheel size	COG Position			Wheel lock		
	1 (passive)	2 (middle)	3 (active)	knee-lever	Standard	Safari
24"	ok	ok	⊗	⊗ (1)	ok (2)	ok (3)
22"	ok	ok	ok	⊗ (1)	ok (2)	ok (3)
20"	ok	ok	ok	⊗ (1)	ok (2)	ok (3)



NoGos regarding

- Frame size (seat depth)
- Wheel size
- COG

(1) knee-lever brake needs to be converted to Standard-brake with retro-fit kit ATT060150
 (2) wheel-lock mounting brackets need to be dismantled and swapped for brackets included in retro-fit kit ATT060151
 (3) wheel-lock mounting brackets need to be dismantled and swapped for brackets included in retro-fit kit ATT060152

THANK YOU!

