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Trike or
Wheelchair



Lightweight
& Folding



Tilts & Reclines

Designed by Participant in California 

Transportable Mobility and Postural Support

- Tilts from -9° to 45°
- Adjustable recline and exceptionally wide adjustment ranges.



MOBILITY THAT'S
MORE MOBILE

Why Tilt?

- Relieves pressure
- Improves resting and digestion
- Promotes healthy posture



Fits Into A Compact Car Trunk

- Seat Module: 20 lbs.
Mobility Base: 10 lbs.
- Caregiver friendly
and easy to fold.



**FOLDABLE,
FLEXIBLE,
DURABLE**

Adventure Ready!

Cub is ruggedized for airplane travel and goes easier on the beach, trail, and rough sidewalks.



School, Lunch Time, or Activities!

The activity tray is a must for creativity, practicing motor skills, and staying entertained.



OUTDOOR &
INDOOR
ADVENTURES

Amazing growability range and customization options



- 24" rear wheels with air or solid tires.
- More adjustment range than competitors means the chair can grow from early intervention all the way to teenage users with 15" wide hips.
- Foot rests are independently adjustable for angle and height.



Accessories

The activity tray supports a range of activities like fine motor exercises, playing with friends and family, eating, and education. The polypropylene material is food safe and super easy to clean. It is adjustable in depth and height.



The all terrain accessory is perfect for mixed terrains with uneven and bumpy surfaces, a three wheeler often performs better. This accessory offers that performance advantage without compromising access to small homes, crowded environments, or classrooms. The wheel attaches in seconds without tools.



The abductor facilitates ideal femur alignment and helps to prevent further complications in the legs and hips. By using the quick release handle the unit flips down to allow easy transfers and prevent loss of the part. Not intended to be a restraint. Easy to clean. Adjustable height, depth, laterally, and width.



This kit upgrades a Cub wheelchair with the small 16" rear wheels to 24" rear wheels with a 1.25" solid tire.

Other Accessories Include



Headrest and Quick Release 4 Axis Bracket

The headrest shape provides a moderate amount of sideways control. The right and left wings can be bent by a strong person to achieve a more cupped shape. The headrest bracket allows for 4 axis adjustment that mimics the most advanced products available today. The headrest is mounted on a ball and socket joint for rotational positioning. The bracket allows for forward and backward, up and down, and left to right adjustments from the center. The ruggedized bracket includes a quick release mechanism so that the headrest can be removed without tools and returned to the optimized position.



Hip Guides and Lateral Trunk Supports

The Lateral Trunk Supports and Hip Guides are rigid with a firm foam padding and a removable, washable, and comfortable fabric cover. To accommodate a wide range of needs for supporting the pelvis and torso, each pad is adjustable in width, height, depth, angle, and has two length options. The support pads are arranged at 90 degrees from the back rest.



Butterfly Body Harness and Four Point Pelvic Strap

The pelvic strap greatly increases control of the pelvis. The two sides are joined by a one hand releasable, side squeeze buckle that is secure and durable. Soft padding and comfortable fabric protects the buckle and straps from touching the user and makes an easy to clean and comfortably padded postural support.

The butterfly body harness is adjustable at all four connection points so the harness can be positioned up and down the user. The sternum strap is height adjustable. The upper and lower connection points are quick release to make transfers easier and safer. The Butterfly Body Harness should always be used with a Four Point Pelvic Strap and should never be used as a restraint.



Umbrella Holder

An umbrella holder is a simple solution for light protection from sun, rain and wind.



Ankle Straps

Ankle straps help maintain the position of the user's feet and have easy to use buckles and adjustments.



Fat Tires (2.3" wide, pneumatic tires)

This pair of 2.3" wide tires with wheels gives a softer ride over obstacles and float better on soft surfaces like grass, mud, snow, and mixed terrain with rocks, roots, or broken sidewalks. For our air tires and solid tires, Participant uses standard 24" bicycle rims so that replacing tires is easy and affordable. Be sure to take along an air pump so that tires can be hard for low rolling resistance on hard surfaces or slightly deflated for an even bigger footprint and floatation on the softest of surfaces.



Long Seat Depth Kit

The Long Seat Depth Kit extends the Cub seat with a new range of 317- 450 mm. It includes a longer seat pan part and longer aluminum tube seat rails.



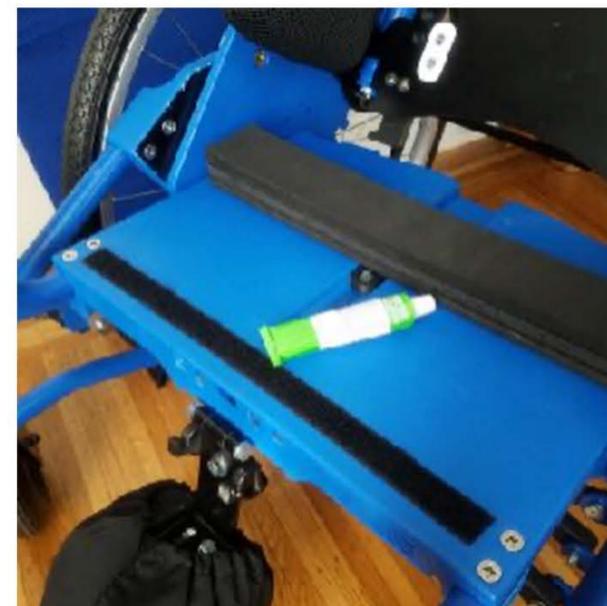
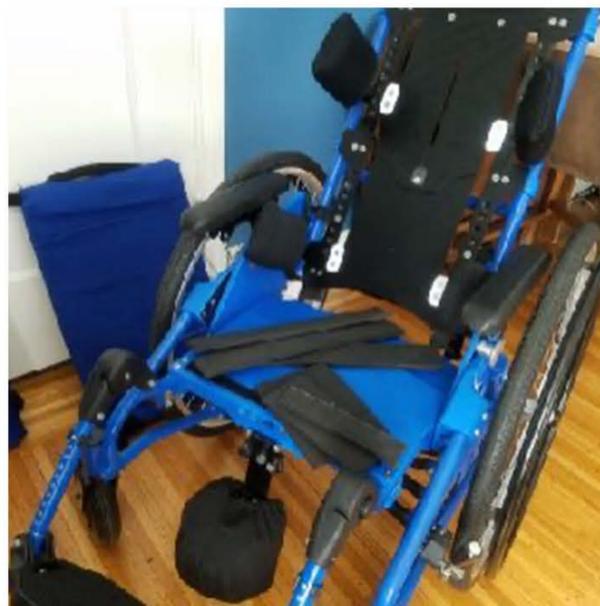
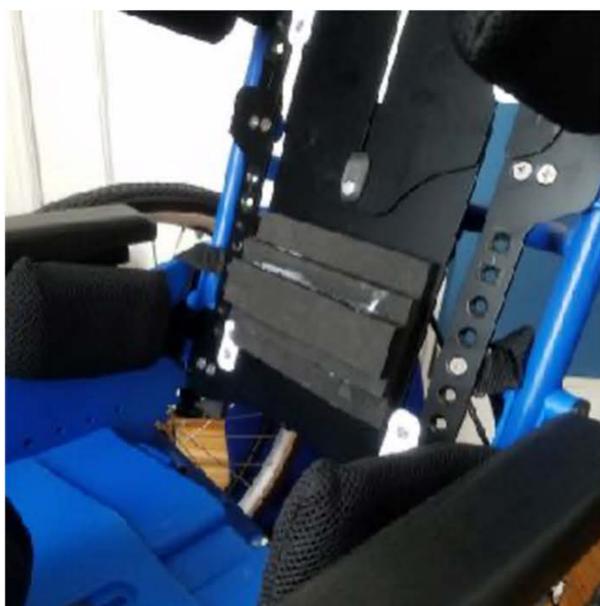
Spare Parts Kit

The kit supports 20 chairs for 5 years. For more, please see the Cub Spare Parts Kit brochure.

Fit Kit

Items included:

- 1 piece hard plastic sheet - 15 x 12 x 1/4" HDPE hard plastic sheet. This can be used to make a seat extension, a mono footplate a wide headrest, to adapt laterals or for other purposes. The plastic is heat gun friendly, is easy to cut with a razor or hack saw, and can be sanded.
- 2 pieces firm foam sheet - 15 x 12 x 1/4" EVA foam. Can be cut and stacked up to make pre-ischial, sacral pad, or other modification.
- 2 tubes of rubber cement - Can be used to permanently glue EVA, HDPE, etc.
- 1 piece of firm foam - 15" x 16" x 2". Polyurethane foam. The density is firmer than the seat cushion. Can be used to make a lift for the seat cushion.
- 1 firm foam wedge, 2" Height x 8" Deep x 15" Wide,
- Hardware - M6 screws, nuts, washers.
- Razor knife.
- 10mm nut driver.





CO-CREATED &
FIELD TESTED



Cub was tested by users who have a variety of lifestyles and use cases, such as crowded homes in Colombia, rough sidewalks in Ukraine, and trails in the USA. We worked with therapists from many corners of the globe to prioritize features and adjustment ranges. Feedback came from settings with extensive resources and from places where Cub will be the first supportive wheelchair with tilt. To learn more about the four generations of prototypes, our development process, and the lab testing, visit participant.life/build-cub



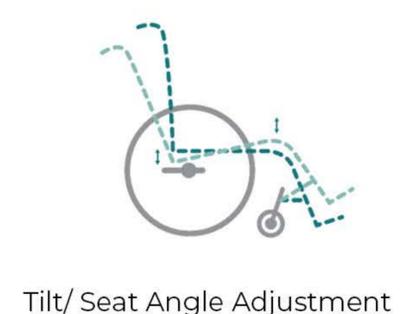
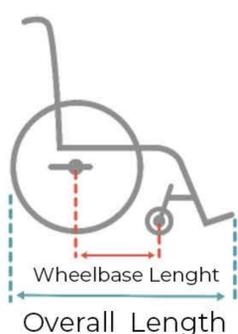


Cub Competitor Comparison

	 Cub 	 Sunrise Iris 	 Convoid Rodeo Tilt 	 Leggero Trak 	 Hoggi Bingo 	 OttoBock Kimba 	 Little Wave "Arc" 	 No Chair/Wrong Chair
BASIC FEATURES								
Retail Price	\$899	\$4,448	\$3,580	\$3,552	\$8,051	\$3,836	TBD	
Social Impact Price to NGOs and .gov in LIC †	\$385	-	-	-	-	-	-	
Dynamic Tilt - 45 Degrees or More	✓	✓	✓	✓	✓	✓	✓	- Wheelchair abandonment
Transportability - Folding Frame	✓		✓	✓	✓	✓	✓	- Deformities and pain
Transportability - Weight of Largest Piece	10 kg 22 lbs	10 kg 22 lbs	14 kg 30 lbs	13.2 kg 29 lbs	8.6 kg 19 lbs	9 kg 20 lbs	9.2 kg 20 lbs	- Isolation
Total Weight	15 kg 33 lbs	20 kg 44 lbs	14 kg 30 lbs	13.2 kg 29 lbs	15 kg 33 lbs	16 kg 35 lbs	16 kg 35 lbs	- Early death
All Terrain Capability / Jog Stroller	✓							- Surgical, emergency and hospital costs
Self Propel Wheelchair Hand Rim Option	✓	✓					✓	
Easy Maintenance & Right to Repair *	✓							
Multiple Colors	✓	✓	✓	✓	✓	✓	✓	
Growability, Adjustment Range	Best							
Activity Tray	✓	✓	✓	✓	✓	✓	✓	
CONVENIENCE AND SAFETY FEATURES								
Height Adjustable Push Handle	✓	✓	✓	✓	✓	✓	✓	
Double Lock Tilt Handle and Recline Handle	✓	✓	✓		✓	✓	✓	
Onboard Repair Kit	✓	✓					✓	
CLINICAL FEATURES								
Tilt Range (degrees)	-9° - 45°	-5° - 35°, 0° - 40°, +5° - 45°, -5° - 50°	5° - 45°	0° - 45°	0° - 45°	0° - 30°	0° - 45°	
Recline Range (degrees)	75° - 135°	??	90° - 110°	??	90° - 160°	10° - 90°	-5 - 25°	
Footrest Height Range	5" - 14"	??	??	4" - 17"	8" - 15"	??	13 - 17"	
Seat Depth Range	8" - 14"	10" - 18"	7" - 12"	7" - 15"	6" - 13"	8" - 12"	14 - 17"	
Back Height Range	11" - 22"	Fixed: 19", 22", 25", Adjustable: 16" to 22", 19" to 25", Reclining: 21", 24"	??	12" - 19"	18" - 25"	16" - 24"	21 - 23"	

Cub Measurements

	mm	inches
Seat Width	190 - 365	7 1/2 - 14 3/8
Hip Guide Range	190 - 300	7 1/2 - 11 3/4
Seat Depth Range	225 - 360	8 3/4 - 14 1/4
Backrest Height Range	290 - 560	11 1/2 - 22
Seat-to-back Support Angle Adjustment	75°, 82°, 90° (Vertical), 97°, 105°, 112°, 120°, 127°, 135°	
Tilt/ Seat Angle Adjustment	9°, 0° (Horizontal), 9°, 18°, 27°, 36°, 45°	
Front Seat Height	395, 345	15 1/2, 13 1/2
Lower Leg Length Range	140 - 350	5 1/2 - 13 3/4
Push Handle Height Range	915 - 1260	36 - 49 1/2
Arm Support	165 - 215	6 1/2 - 8 1/2
Foot Support	Height, Angle, Depth, and Width Adjustable, Independent or Joined, Detachable or Folding, Lower leg angle is adjustable.	
Rear Wheel	Small wheel with a solid tire and plastic mag spokes (16 x 1.75") or Big wheel with handrim and solid (24 x 1 3/8") tires or air (24" x 2") tires on a metal spoke wheel size 540-25, a common bicycle	
Front Wheel	152 x 75	6 x 3
Seat Module	The aluminum seat frame folds like an M. Fits onto stationary base. Fits into a large backpack for motorcycle transportation. Flat bottom allows use on typical furniture.	
All Terrain Accessory	200 x 50	8 x 2
Maximum User Weight	50 kg	110 lbs
Overall Width	670	26 1/2
Wheelbase Length	540	21 1/4
Overall Length	770	30 5/16
Total Product Weight (with 16" Wheels)	23.5 kg	51.8 lbs
Carton Size	500 x 650 x 650	19 x 25 1/3 x 25 1/3
Assembly Time After Opening Box	3 minutes	
Adjustment Time For A Complex Case	30 minutes	
Languages Supported	Russian, Vietnamese, English, Spanish, Portugese, Indonesian, Thai, Arabic	
Seat Module Weight	10.1 kg	22 lbs
Mobility Base Weight	4.5 kg	10 lbs
24" Rear Wheels Weight	4 kg	9 lbs



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NGOs: Email to qualify for special low pricing hello@participant.life
Available starting October 2021. Delivery Time: 3 - 30 days depending on order size.