

light
l i g a



Performing for **passion**



ADACTA LIGA LIGHT GENERAL DESCRIPTION

ADACTA LIGA LIGHT is the frame for positioning systems. It is made in alloy of satin aluminium to guarantee lightness and durability. The absence of welds makes it very safe. The ADACTA LIGA LIGHT frame, thanks to its modularity, presents a variety of configurations able to follow the pathological evolution of the user, the growth and consequential postural adjustments. The device is intended for personal use, both indoor and outdoor and has to be used under the supervision of an attendant.

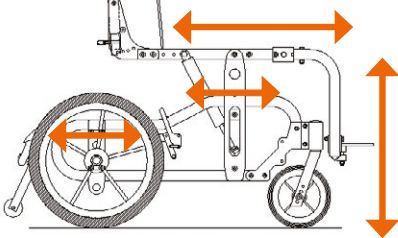
ADACTA LIGA LIGHT can be set to the user's needs by acting on:

- The displacement of the upper frame (which houses the positioning system) with respect to the under frame;
- The displacement of the rear wheels in order to guarantee the safety conditions (as reported in the Instruction Manual);
- Adjustment of seat to floor height (high/low);
- Adjustment of the seat depth;

ADACTA LIGA LIGHT FRAMES FOR POSITIONING SYSTEMS

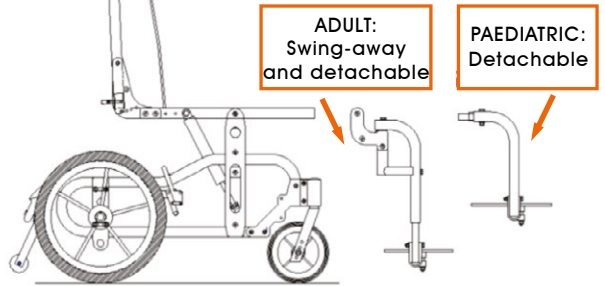
ADJUSTMENTS:

- Seat Depth
- Height from seat rails to floor 43cm /49cm (with 300 and 500 mm wheels)
- Continuous displacement of the wheels plates
- Continuous displacement of the upper frame



"A CHOICE OF MODULARITY, VERSATILITY AND LIGHTNESS"

Knee Angle



CRASH TEST



For transportation option it is strongly recommended the use of a headrest



The most **STABLE** and **RESISTANT** between the frames for positioning systems

FRAME SIZES

Frame Sizes
 (outside tube width x depth cm)

	SIZE	SEAT WIDTH	DEPTH AND ADJUSTMENTS: (in bold standard configuration)
PAEDIATRIC	US	30	• 36 • 38.5 • 41 • 44
	XXS	35	• 36 • 38.5 • 41 • 44
	XS	35	• 40 • 42.5 • 45 • 48
	XSO	38	• 40 • 42.5 • 45 • 48
ADULT	XS1	38	• 44 • 46.5 • 49 • 52
	S	41	• 44 • 46.5 • 49 • 52
	M	41	• 48 • 50.5 • 53 • 56
	M1	44	• 48 • 50.5 • 53 • 56
	L	47	• 44 • 46.5 • 49 • 52
	XL	47	• 48 • 50.5 • 53 • 56

FUNDAMENTAL PARTS

- Adacta Liga Light Positioning Frame rigid or folding
- Continuous Tilt in space:
 - Paediatric from 2° up to 35° (from 6° up to 39°)^①
 - Adult from 4° up to 30° (from 8° up to 34°)^①
- ① tilt in space can be up-graded of 4° with increment of the starting inclination of the frame by operating on the positioning holes of the casters forks
- Tilt in space by drive lever
- Reclining mechanism by predetermined plate w/pin: 3°, 9°, 15°, 22°
- Parking Brake lever
- Fixed folding down back posts
- Adjustment of the seat depth
- Plate for seat height adjustments:
 - high (49 cm from the floor) - low (43 cm from the floor)
- Continuous displacement of the upper frame with respect to under frame
- Continuous displacement of the rear wheels plates
- Fixed anti-tip system
- Foot Plates
- Simple Calf Strap
- Knee angle:
 - Adult size swing-away and detachable: 75°
 - Paediatric size detachable: 90°

OPTIONAL PARTS

(WITH OR WITHOUT UP-CHARGE. PLEASE REFER TO THE ORDER FORM)

- Castors:
 - 150 mm ø 6" poly
 - 175 mm ø 7" poly
- Posterior Wheels:
 - 300 mm ø 12" (poly or pneumatic, poly or pneumatic with drum brake, poly or pneumatic with drum brake + lever)
 - 400 mm ø 16" (poly or poly with drum brake only 45 cm height)
 - 500 mm ø 20" (poly or pneumatic without handrims, pneumatic with handrims and drum brake, pneumatic with handrims and drum brake + lever)
 - 600 mm ø 24" (pneumatic with handrims, not available on size US NOTE. The tilt in space is reduced to 20°, only 47 cm height)
 - handrims for 500 mm
- Knee Angle:
 - Adult size swing-away and detachable: 90°, Elevating, Vertical (elevating and telescopic)
 - Paediatric size detachable: 75°, elevating
- Footrest
 - Footboard
 - Slotted (footplates only)
- Tilt in space by pedal switch alternatively to the lever standard one, which is strongly recommended.
- Back Posts:
 - Push handles height adjustable by pin
 - Telescopic push handles kit with lever block
 - Adjustable single handlebar kit for rigid frame
 - Adjustable handlebar kit for folding frame (only for paediatric frame sizes)
 - Telescopic and adjustable angle handlebar kit
 - Quick-release pins for easier backrest inclination
- Detachable anti-tip system



ACCESSORIES

The various range of accessories allows to set the system to user's needs

- Wooden seat base
- Height adjustable flip back tubular armrests/ inclination
- Kit of ABS laterals height adjustable w/armrest
- Kit of ABS laterals multi-adjustable, detachable and w/multi-adjustable arm support
- Kit of hardware multi-adjustable, detachable for ABS laterals
- Versa range hip guides
- Versa range arm supports
- Separate leg cradle or Calf panel
- Padded Divided Leg Cradles or Padded foot box
- Padded Calf Strap
- Versa Fixatis pelvic belt
- Wooden tray
- Vehicle Transportation Kit (frame height 43 cm with all posterior wheels except for 600 mm)
- Pedal for barriers

HEIGHT (floor-to-seat-rails)

Height:

- Height adjustable to 43 cm or 49 cm (400 mm wheels only 45 cm height, 600 mm height only 47 cm height)

COLOURS

ADACTA LIGA LIGHT is available in 5 different colours

BLUE	RED	TITANIUM	TURQUOISE	PINK
				

For the complete list of the optional parts and/or accessories, please refer to the latest order form in force

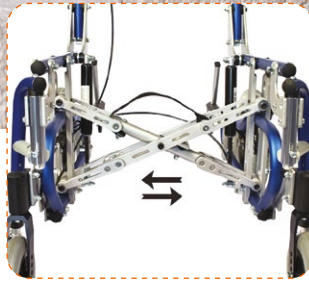
For partially sighted users this document can be visualized in PDF format on the web site www.promedicare.eu with the possibility to enlarge the next.



TELESCOPIC AND ROTATING
 PUSH HANDLES



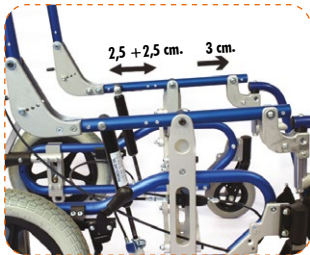
MECHANICAL ADJUSTMENT OF
 PREDETERMINED BACKGROUND



STABILISING CROSS BRACES



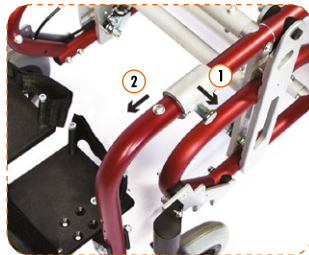
ANTI-TIP SYSTEM



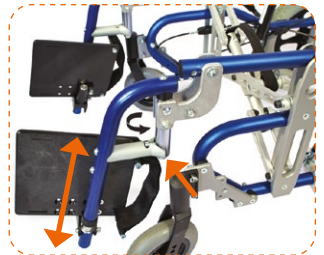
DEPTH ADJUSTMENT



RIGID WOODEN BASE



DETACHABLE KNEE ANGLE
 (PAEDIATRIC SIZES)



SWING-AWAY AND DETACHABLE
 KNEE ANGLE (ADULT SIZES) WITH
 TELESCOPIC FOOTREST

FRAME DIMENSIONS AND FEATURES

Width (cm)		US	XXS	XS	XSO	XS1	S	M	M1	L	XL
300 mm wheels	standard	48	53	53	56	56	59	59	62	65	65
	w/drum brake	49	54	54	57	57	60	60	63	66	66
400/500 mm wheels	standard	50	55	55	58	58	61	61	64	67	67
	w/drum brake	53	58	58	61	61	64	64	67	70	70
600 mm wheels		/	55	55	58	58	61	61	64	67	67
Pivot Width (cm)		69	69	72	75	75	75	78	78	75	78
Q*(min-max) Height Seat rail to footplate (cm)		13-23	13-23	13-26	13-26	28-36	28-36	32-40	32-40	28-36	32-40
H** Seat rail to floor (cm)		43 and 49 with 300/500mm posterior wheels 47 with 600mm posterior wheels									
Max Slope		7°									

Load (kg)/ Frame Weight (kg)	Load (kg)		Frame Weight (kg)	
	R	F	R	F
US	50	50	14.1	14.9
XXS	50	50	14.4	15.3
XS	50	50	14.7	15.6
XSO	50	50	15.4	15.9
XS1	75	75	19.2	19.5
S	75	75	19.5	19.9
M	100	75	19.8	20.2
M1	100	75	19.9	20.3
L	100	75	20.1	20.5
XL	100	75	20.3	20.8

Note * The value Q, referred to 90° footrest hanger, can be increased of about 5-7 cm by using the 75° hanger

**The value H has been detected outside the seat tube at the plate of the tilt mechanism; the frame will be delivered with H=43 cm

Weight of the frame, including knee angle and footplates as per standard configuration



FRAME DIMENSIONS AND FEATURES

The device can be disassembled without the use of specific tools. It can be transported in the car or in the plane. It can be used as seat in a vehicle, provided that this one is equipped of transportation kit adaptations for people with disabilities.

Overall dimensions (cm) of the frame with backrest tubes (fixed) folded down, footrest and posterior wheels detached

Size		US	XXS	XS	XSO	XS1	S	M	M1	L	XL
Length		66	66	68	68	71	73	83	83	73	83
Width	R	42	48	48	51	51	54	54	57	54	60
	F	30	30	30	30	30	32	32	32	32	32
Height		65	65	66	66	67	67	68	68	67	68
Weight (Kg)	R	11.4	11.7	12	12.7	12.9	13.1	13.5	13.6	13.8	14
	F	12.2	12.6	12.9	13.2	13.3	13.6	13.9	14	14.2	14.5

Note: The length dimensions, referred to the average values, are subjected to the variations due to the displacement of the wheel plates. The values reported are intended for the standard configuration.

Size			US	XXS	XS	XSO	XS1	S	M	M1	L	XL	
Length (cm)	300 mm wheels	Without knee angle	L	70	70	73	73	75	75	78	78	75	78
		75° knee angle	Lmin/Lmax	92/99	92/99	93/100	93/100	97/104	97/104	100/107	100/107	97/104	100/107
		90° knee angle	Lmin/Lmax	88/96	88/96	91/99	91/99	93/100	93/100	96/103	96/103	93/100	96/103
	400 mm wheels	Without knee angle	L	74	74	77	77	79	79	82	82	79	82
		75° knee angle	Lmin/Lmax	95/101	95/101	96/103	96/103	100/107	100/107	103/110	103/110	100/107	103/110
		90° knee angle	Lmin/Lmax	93/99	93/99	94/100	94/100	96/102	96/102	99/104	99/104	96/102	99/104
	500 mm wheels	Without knee angle	L	78	78	81	81	84	84	87	87	84	87
		75° knee angle	Lmin/Lmax	98/103	98/103	99/107	99/107	103/113	103/113	106/116	106/116	103/113	106/116
		90° knee angle	Lmin/Lmax	95/101	95/101	97/102	97/102	100/106	100/106	103/109	103/109	100/106	103/109
600 mm wheels	Without knee angle	L	/	83	84	84	85	85	88	88	85	88	
	75° knee angle	Lmin/Lmax	/	101/109	103/112	103/112	108/116	108/116	111/120	111/120	108/116	111/120	
	90° knee angle	Lmin/Lmax	/	98/104	101/107	101/107	105/112	105/112	108/116	108/116	105/112	108/116	

L = Length of the frame without knee angle joint mechanism

Lmin = Length of the frame with knee angle joint mechanism and footplate positioned backward

Lmax = Length of the frame with knee angle joint mechanism and footplate positioned forward

Note: The length dimensions, referred to the average values, are subjected to variations due to the displacement of the wheel plates. The values reported are intended for the standard configuration.



Frame for positioning systems

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