

# STAIRCLIMBERS & RAMPS FOR THE DISABLED

## STAIRCLIMBERS



## LG 2020 WITH CHAIR WALKING STAIRCLIMBER

LG 2020 is a very popular stairclimber designed by specialized and well known manufacturer: Antano Group. LG 2020, thanks to its innovative motion system, works out well on different types of staircases (also spiral). It is good for outdoor and indoor stairs, for home usage, for travelling usage and it improves life's quality of the disabled users by eliminating architectural obstacles around them.

The stairclimber is equipped with footrest adjustable in depth, height adjustable headrest, elevable armrests and safety hip belt with car-style buckle. The device is equipped with rear supporting wheel. It allows to safely support and stop the stairclimber on stairs for operator to rest or to correct his/her position. It increases usage safety and comfort and it helps to avoid constant balancing with the device on 2 wheels. Adjustable speed and 2 modes of operation on stairs allow to set up the product for individual needs of each user even better. Compact dimensions and easy folding enable convenient transport or storage.

### TECHNICAL DATA

Overall weight	44 kg
- weight of the base module	24 kg
- weight of the seat	10 kg
- weight of the backrest	10 kg
Max. load	160 kg
Motor power (traction + lifting + assistive)	350 W
Overall dimensions	53x82 cm
Min. width of stairs	58 cm
Min. dimensions of maneuvering platform (L shaped)	100x70 cm
Min. dimensions of maneuvering platform (U shaped)	100x120 cm
Min. stair's depth	18 cm
Max. stair's height	23 cm
Max. speed (with fully charged batteries)	36 stairs/minute
Batteries (x2)	12V. 9A/h
Charging power parameters	230V; 50-60Hz
Average range on fully charged batteries	80 kg – 2400 stairs 1200 uphill 1200 downhill
Range on reserve	40 stairs
Charging time	8 hours
Storage temperature (in boxes, in dry spot)	-10 +40°C
Safe usage temperature range	0 +40°C
Dimensions of the box	97x57x70 cm
Overall weight of packed up device	50 kg

# STAIRCLIMBERS & RAMPS FOR THE DISABLED

## RAMPS



## DF/SF PORTABLE WHEELCHAIR RAMPS (foldable)

Our ramps are durable and light. Their unfolding or folding won't take more than 30 seconds. After folding ramps are not heavier or less handy than average suitcase. Thanks to an integrated handle ramps are easy to carry. Wide variety of available sizes allows to climb up different obstacles, from the lowest curbs up to 6 steps stairs.

FOLDING	LENGTH	MAX. LOAD	WEIGHT
single folding case SF	92 cm	300 kg	8 kg
single folding case SF	120 cm	300 kg	10,5 kg
single folding case SF	150 cm	300 kg	12,5 kg
double fold. case DF	180 cm	300 kg	16 kg
double fold. case DF	240 cm	300 kg	22 kg
double fold. case DF	300 cm	300 kg	27,2 kg

# STAIRCLIMBERS & RAMPS FOR THE DISABLED

## RAMPS



## TR/LR PORTABLE WHEELCHAIR RAMPS (telescopic)

This type of telescopic ramps is very easy to open and to fold. These are very universal products used for negotiating curbs, but also for rolling heavy loads in to cars. It is possible to adjust their spacing freely for wheelchairs or scooters with different widths. Wide variety of available sizes allows to climb up different obstacles, from the lowest curbs up to 6 steps.



	TR-150	TR-210	TR-300
Width x Length	20 x 150 cm	20 x 210 cm	20 x 300 cm
Max. load	300 kg	300 kg	300 kg
Weight	2 x 5,5 kg	2 x 7,5 kg	2 x 9,5 kg



## SC PORTABLE WHEELCHAIR RAMPS (with ribbed surface)

Ribbed surface ramps are new version of our well known foldable ramps. They have new rolling surface, made of ribbed aluminium. Thanks to that they offer even better traction and (specially) easy maintenance and cleaning. They are single folding cases available in 2 sizes.

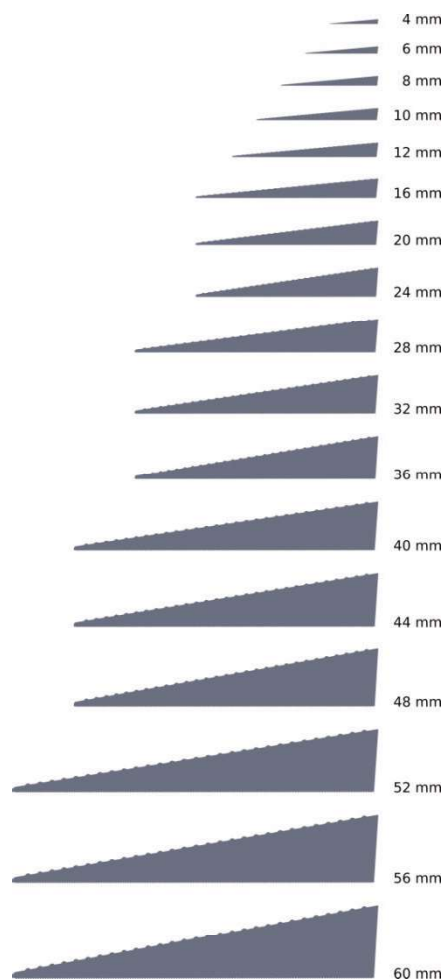


	SC-120	SC-150
Width x Length	71 x 120 cm	71 x 150 cm
Max. load	300 kg	300 kg
Weight	9,1 kg	10,9 kg



# STAIRCLIMBERS & RAMPS FOR THE DISABLED

## RAMPS



## THRESHOLD RUBBER RAMPS

Rubber ramps are easy solution to overcome thresholds in your living area. They are intentionally ribbed for anti-slip purpose and made of TPS rubber. Ramps are available with montage glue on the bottom or without. User can adjust them to individual needs by simply cutting them to desired length. Products are available in different sizes to eliminate obstacles with different heights.

Available ramp heights: 4, 6, 8, 10, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48, 52, 56, 60 mm. Max. load is 300 kg.

Length of the riding surface depends on ramp height.



# STAIRCLIMBERS & RAMPS FOR THE DISABLED

## RAMPS



### ALUMINUM, FOLDABLE DOORSTEP RAMPS (DS4025, DS4076)

Aluminum, doorstep ramps are easy solution to overcome thresholds which are up to 7 cm high, in your living or working area. It is enough to place them over the threshold, covering it. That helps to roll over the obstacle easily with a wheelchair or rollator. Ramps have very high approved max. load: 350 kg.



DS4025



DS4076



### ALUMINUM, DOORSTEP RAMPS WITH LEGS (DS2176)

Aluminum, doorstep ramps are easy solution to overcome thresholds which are up to 7 cm high, in your living or working area. It is enough to place this type of ramp next to the threshold. That helps to roll over the obstacle easily with a wheelchair or rollator. Ramps have high approved max. load: 300 kg. This ramp is equipped with 3 height adjustable legs.



Model	Dimensions	Weight	Max. load	Height adjustment
DS4025	40 x 25 cm (x2)	2 kg (para)	350 kg	3-7 cm
DS4076	40 x 76 cm	3,3 kg	350 kg	3-7 cm
DS2176	21 x 76 cm	1,55 kg	300 kg	3-7 cm

### SELECTION OF CORRECT RAMP LENGTH

		RAMP LENGTH							
		0,92m	1,20m	1,50m	1,80m	2,10m	2,40m	3,00m	
M A X  H E I G H T  O F  O B S T A C L E	7,5cm	4,8°	3,6°	2,9°	2,4°	2,0°	1,8°	1,4°	M A X  I N C L I N A T I O N  O F  R A M P
	10cm	6,4°	4,8°	3,8°	3,2°	2,7°	2,4°	1,9°	
	12,5cm	8,0°	6,0°	4,8°	4,0°	3,7°	3,0°	2,4°	
	15cm	9,6°	7,2°	5,7°	4,8°	4,1°	3,6°	2,9°	
	17,5cm	11,2°	8,4°	6,7°	5,6°	4,8°	4,2°	3,3°	
	20cm	12,8°	9,6°	7,7°	6,4°	5,5°	4,8°	3,8°	
	22,5cm	14,5°	10,8°	8,6°	7,2°	6,2°	5,4°	4,3°	
	25cm	16,1°	12,0°	9,6°	8,0°	6,8°	6,0°	4,8°	
	30cm		14,5°	11,5°	9,6°	8,2°	7,2°	5,7°	
	35cm			13,5°	11,2°	9,6°	8,4°	6,7°	
	40cm				12,8°	11,0°	9,6°	7,7°	
	45cm				14,5°	12,4°	10,8°	8,6°	
	50cm					13,8°	12,0°	9,6°	
	55cm						13,2°	10,6°	
	60cm						14,5°	11,5°	
	65cm							12,5°	
	70cm							13,5°	
	75cm							14,5°	
	80cm								
85cm									
90cm									

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## CHAPTER 7

# SPARE PARTS & ACCESSORIES FOR WHEELCHAIRS



## BATTERIES



195 x 130 x 159 mm

197 x 165 x 170 mm

228 x 137 x 207 mm

259 x 168 x 208 mm

Gel battery  
MWLG 33-12EV  
12V 33Ah

Gel battery  
MWLG 44-12EV  
12V 44Ah

Gel battery  
MWLG 55-12EV  
12V 55Ah

Gel battery  
MWLG 80-12EV  
12V 80Ah

Maintenance free, MW Power gel batteries, of MWLG series are made with VRLA – GEL technology (gel electrolyte combined with PVC-SiO<sub>2</sub> separator including internal recombination of gases). They are designed for deep discharged working cycles such as: PV installations, electric vehicles, cleaning machines, power wheelchairs and golf carts, scooters for disabled persons, electric boats, camping power supply etc. This type of batteries can also be used for emergency power supply like: UPS, emergency illumination, automatic systems etc. Vitality of these batteries for 50% average discharge is up to 1000 working cycles. Service life is 12 – 15 years for work in temperatures 20 – 25° C.

## INNERTUBES FOR WHEELCHAIRS



90/90 valve



90/30 valve



straight valve

Durable tubes for standard and active wheelchairs. The tubes are made of high quality rubber with high puncture resistance. Tubes are equipped with 1 of 3 types of car valves (as shown above) with black protection cap.

90/90 valve	90/30 valve	Straight valve
12 1/2 x 2 1/4 (57x 203 mm)	6 x 1 1/4 (150 x 30)	10 x 2 (52x 152 mm)
2.80/2.50-4	7 x 1 3/4 (175 x 45)	12 1/2 x 2 1/4 (57 x 203 mm)
3.00-4	8 x 1 1/4 (200 x 30)	22 x 1 (25 x 540 mm)
3.00-8	8 x 2 (200 x 50)	22 x 1 3/8 (37 x 498)
4.00-5		24 x 1 (25 x 540)
4.10/3.50-6		24 x 1 3/8 (37 x 540)
8x2 (200 x 50 mm)		3.00-8

# SPARE PARTS FOR WHEELCHAIRS

## WHEELS

### WHEELS



	PU rubber wheel for wheelchairs diameter: 4" – 100×26 mm	PU rubber wheel for wheelchairs diameter: 5" – 125×26 mm	PU rubber wheel for wheelchairs diameter: 6" – 150×27 mm	PU rubber wheel for wheelchairs diameter: 7" – 175×27 mm
Hub width	26   32 mm	32   38 mm	32   38 mm	36   42 mm
∅ axle hole	10   8 mm	10   8 mm	10   8 mm	10   8 mm

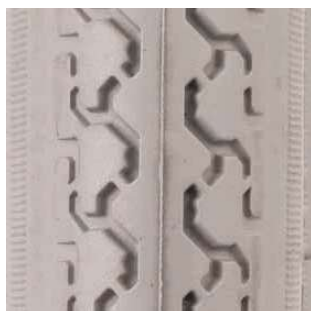


	PU rubber wheel for wheelchairs diameter: 8" – 200×27 mm	PU rubber wheel for wheelchairs diameter: 8" – 200×50 mm	Pneumatic wheel for wheelchairs diameter: 6" – 150×30 mm (6"×1 1/4")	Pneumatic wheel for wheelchairs diameter: 7" – 175×45 mm (7"×1 3/4")
Hub width	46 mm	60 mm	32   38 mm	41   47 mm
∅ axle hole	8 mm	8 mm	10   8 mm	10   8 mm



	Pneumatic wheel for wheelchairs diameter: 8" – 200×30 mm (8"×1 1/4")	Pneumatic wheel for wheelchairs diameter: 8"×2" – (200×50 mm)	PU rubber wheel for wheelchairs COLORED – diameter 4" – 100×34 mm	PU rubber wheel for wheelchairs COLORED – diameter 5" – 125×34 mm
Hub width	36 mm	62 mm	25 mm	25 mm
∅ axle hole	10 mm	8 mm	8 mm	8 mm

## TIRES



Tire for wheelchair - profile: light cube

dimensions:  
- 22" x 1"  
- 22" x 1 3/8"



Tire for power wheelchair - profile: cube

dimensions:  
- 4.00" x 5"  
- 12 1/2" x 2 1/4"  
- 3.00" x 4"  
- 3.00" x 8"



Tire for power wheelchair - profile: V

dimensions:  
- 3.00" x 4"  
- 3.00" x 8"  
- 4.10" / 3.50" x 6"



Tire for manual wheelchair - profile: longitudinal grooves

dimensions:  
- 6" x 1 1/4"  
- 8" x 2" (200x50 mm)  
- 10" x 2"  
- 8" x 1 1/4"  
- 7" x 1 1/3"



Tire for manual wheelchair - profile: light cube

dimensions:  
- 24" x 1"  
- 24" x 1 3/8"



Tire for power wheelchair - profile: longitudinal grooves

dimensions:  
- 6" x 1 1/4"  
- 8" x 2" (200x50 mm)  
- 10" x 2"  
- 8" x 1 1/4"  
- 7" x 1 1/3"



Tire for manual wheelchair - profile: fir

dimensions:  
- 22" x 1"  
- 24" x 1"  
- 26" x 1"



Rubber tire for wheelchair with PU filling, punctureproof

dimensions:  
- 24" x 1"  
- 24" x 1 3/8"



KENDA tire for manual wheelchair

dimensions:  
- 24" x 1"

## SPOKE PROTECTORS

Ask for available sizes: for 20", 22" & 24" wheels



DX1. Spoke protector „Transparent”



DX2. Spoke protector „Bat”



DX3. Spoke protector „Lion”



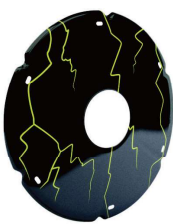
DX4. Spoke protector „Globe”



DX5. Spoke protector „Spider”



DX6. Spoke protector „Shark”



DX7. Spoke protector „Lightning”



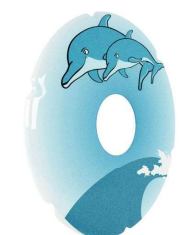
DX8. Spoke protector „Girl”



DX9. Spoke protector „Horse”



DX10. Spoke protector „Dragon”



DX11. Spoke protector „Dolphin”



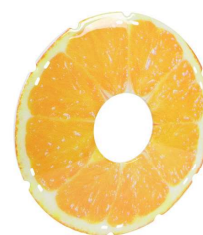
DX12. Spoke protector „Flame”



DX13. Spoke protector „Race”



DX14. Spoke protector „Leaf”



DX15. Spoke protector „Orange”



DX16. Spoke protector „Flower”



DX17. Spoke protector „Stallion”



DX18. Spoke protector „Chameleon”



DX19. Spoke protector „Bacteria”



DX20. Spoke protector „Music”



DX21. Spoke protector „Ghost”



DX22. Spoke protector „Mobilex”



DX23. Spoke protector „Black”



DX24. Set of 24 pcs of transparent spoke protectors

## ACCESSORIES



Seat cushion  
(available heights: 5 & 3 cm)



Complete footrest



Footplate



Complete armrest



Armrest pads



Charger for power wheelchair  
(4 Amp. & 8 Amp.)



Upholstery for backrest and seat



Silicon overlay for pushrims



Wheelchair brakes



Hip safety belt



Handbrakes for an attendant



One hand brake  
(stops both wheels with one hand)



ONE HAND DRIVE  
for manual wheelchair (to be assembled on left or right side)



Universal, transparent table,  
Available in 3 sizes:  
for wheelchairs with following seat widths:  
36 – 43 cm, 44 – 49 cm, 50 – 59 cm

# SPARE PARTS FOR POWER WHEELCHAIRS

## “P&G” CONTROLLERS

Mobilex is the only authorized service of “P&G Drives” controllers in Poland.



Supported controller types:

- VSI
- VR2
- S-Drive
- Pilot +

## “DYNAMICS” CONTROLLERS

We also service controllers manufactured by “Dynamics”



Supported controller types:

- DC50
- DX-PMB
- PMB series
- RHIWO series
- A series
- DK-PMB series
- DK-REMD series
- DK-REMB series

Our workshop is equipped with specialized tools which allow us to make following repairs:

- Warranty and after warranty service;
- Repairs of ALL wheelchair types – including power wheelchairs & electric scooters;
- Exchange of tires, innertubes, pushrims and wheels;
- Exchange of spare parts, such as: brakes, armrests, bulbs, upholsteries, motors, forks etc.;
- Diagnostics and periodic checks;
- Assembly, disassembly and adjustments of different parts and accessories;
- Tailoring services and sewing of accessories, such as: abduction blocks, belts, side supports, bags, cushions etc.;
- Welding of metal elements;
- Painting and gluing of parts;
- Visits to customers for individual consultancies;
- Sales and replacement of batteries;



