

Victory WHEELCHAIRS

Victory wheelchairs are in the last couple of years undoubtedly the most interesting novelty among light and ultra-light aluminium foldable wheelchairs. The completely new concept of their design and assembling provides an almost unbelievable variety of adjustments, combinations and individual settings for each user.

Special patent protected joints have eliminated the biggest deficiency of other aluminium wheelchairs: welding. Heating treatment, is not required, and as a result there is no deforming of the construction, the lifetime of the **Victory** wheelchairs are prolonged and the weight capacity is several times enlarged.



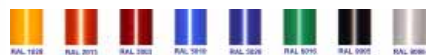
The modular construction is made of especially hard aluminium tubes with longitudinal grooves.

Besides having optimal mechanical characteristics, the tubes with longitudinal grooves are also used as carriers for the upholstery of the wheelchair so the upholstery can be replaced without any unscrewing.

Removing the footrests does not require their turning to the side, like in most other wheelchairs, and this makes getting into or put of the wheelchair much easier.

An exceptional advantage of **Victory** wheelchairs is angle adjustable footrest carriers. This reduces the danger of contractures and decubitus and enables ideal adjustment of the driver's legs.

Our standard equipment includes also angle adjustable footplates, which together with the other advantages makes our wheelchairs the most adjustable ones on the market.



Technical data about **Victory** wheelchairs:

Model:	Seat width mm	Seat depth mm	Rear tires inch	Front casters mm	Minimal weight kg	Standard weight kg	Weight capacity kg
Victory 27	270	270	18-20	80-100	6,8	7,9	60
Victory 31	315	310	20-24	80-125	7,3	8,4	80
Victory 35	355	350	20-24	80-150	7,7	8,7	85
Victory 38	380	400	20-24	125-180	10,9	12,4	115
Victory 41	406	420	20-24	125-200	12,9	13,5	125
Victory 43	430	420	20-24	125-200	13,1	14,4	135
Victory 46	460	450	20-24	125-200	13,3	15,4	140
Victory 48	480	450	20-24	125-200	13,5	15,6	145
Victory 51	510	450	20-24	125-200	13,7	15,7	150
Victory 55	550	450	20-24	125-200	14,6	16,7	155
Victory 61	610	475	20-24	125-200	15,4	17,8	160

When reseating oneself, the armrests do not have to be completely removed, they can just be placed on anti-tip bars and left in this position while you can continue to drive.

Anti-tip bars are easily turned to forward upon softly pressing the safety button.



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Handmaster[®] DRIVING SYSTEMS

THE NEW GENERATION OF LEVER DRIVEN MANUAL DRIVES EQUIPPED WITH GEARBOXES

In couple of last decades, in the production of manual driven wheelchairs, a very small number of significant improvements were created. The users are still using hand rims attached to the rear wheels for propelling the wheelchairs. Propelling by the means of hand rims attains, because of inconvenient hand position, pushing direction of hand rims and constant grasping of hand rim, only 10% to 18% of driving efficiency. Consequently and due to unnatural but obligatory shape of necessary movements of hands and arms, permanent injuries of wrists and elbows are present. Now, the use of **HandMaster** manual drives is regarding the efficiency and health aspects completely irreproachable.

All above mentioned makes the **HandMaster** manual drives revolutionary improvement with up to 5 times higher driving efficiency and even much more: they allow easy driving on grassy surface, mud, sand, gravel, arable lands or snow – and even very high road slopes! Driving with **HandMaster** manual drives is very simple:

Active propelling of the driving wheels is achieved by pushing the handles downwards or by pulling them upwards. Neutral is achieved by single push of the handle to aside and reverse direction, by double push of the handle to aside.



Braking handles, similar to those on bicycles, are for braking and in the same time also for steering. The gearbox handle is placed on driving handle.



As distinguished from other lever driven wheelchairs, the **HandMaster** manual drives operate on patented transformation of lineal movements of the handles into continual rotation, but without any eccentric transformation or dead points. This is just one reason which enables disabled who uses **HandMaster** drives, to overcome longer driving distances than by using battery driven wheelchairs.

HandMaster features:

- multiple forward gears
- multiple reverse gears
- equipped with drum brakes
- reverse brakes for the slopes
- driving on all kinds of terrains
- improves all health aspects

HandMaster technical data:

	Kuli2	HM1	HM3	RS2	RS3	Bridge
Single hand drive	yes	yes	no	no	no	no
Both hands drive	no/yes	no	yes	yes	yes	yes
Number of gears	2	2/2	2/2	2	4	2/2
Drum brake	yes	yes	yes	yes	yes	yes
Speed in first gear (km/h)*	2,2	3	3	3	2	1,7
Cruising speed (km/h)*	4,5	6	9	9	14	5
Maximum speed (km/h)*	7	9	22	24	32	7

* actual speed varies with wheel diameter



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