

# MVP 502



## Patented Recline with Foldable Frame

MVP 502 is the flagship reclining manual wheelchair in the Karma family. The innovative V-shaped seat of the MVP 502 effectively prevents the wheelchair user from sliding while reclining.

## Ergonomic Headrest

Provides lateral and occipital support to relieve neck and shoulder pressure without restricting vision. Velcro backing allows you to adjust the headrest position to create the perfect fit.

## Comfort Cushion

The plush 3 cm foam cushion is detachable for easy cleaning.

## Height-Adjustable Flip-up Armrests

The armrests are pivotally connected to the backrest and follow the natural movement of the arm when the backrest reclines.



## Patented

## Anti-sliding V-seating System

The MVP 502's V-shaped Seating System greatly reduces the frequency and intensity of sliding and shear forces users typically experience when repositioning; this allows users to redistribute pressure away from their hip area in both a safe and comfortable manner.

## Biomechanical Elevating Legrests

Legrests increase in length when elevating to allow the leg to fully extend, without pressuring the knee.





### Tension Adjustable Backrest and Seat

The internal structures of the backrest and seat are formed by a series of individually-adjustable Velcro straps, which can create a user-specific fit to maximize comfort and support.

### Rigidifying Push Bar

Strengthens the wheelchair frame and provides attendants with an ergonomic surface to comfortably and efficiently maneuver the wheelchair.



Recline range: 94° - 147°

### Hydraulic Pressure Support System

The MVP's recline system contains two pneumatic gas struts, which provide a smooth, controlled tilting motion and actively assist the attendant return the backrest to the upright position.



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Series	Product Name	Nominal seat width (mm)	Nominal seat depth (mm)	Front caster / Rear wheel size (in)	Seat surface height at front edge (mm)	Backrest height (mm)	Armrest to seat distance (mm)	Footrest to seat distance (mm)	Backrest angle (X°)	Seat plane angle (X°)
Positioning	MVP 502	420	420	7 x 14	520	490	260 - 335	410 - 485	13 - 64	7
		420								
		450								
		450								
		475	470		525					
		500								
		420	420	7 x 22	520					
		420								
		450								
		450								
		475	470							
		500								

Leg to seat angle (X°)	Maximum user weight (kg)	Mass of the heaviest part (kg)	Total mass (kg)	Overall length with legrest (mm)	Overall width (mm)	Overall height (mm)	Folded length (mm)	Folded width (mm)	Folded height (mm)
100 - 160	115	14.5	20.3	1190	550	840 / 1350 (with headrest)	785	305	770
		14.6	20.4		580				
		14.7	20.5		610				
		14.8	20.8		635				
		15.0	20.9	1225	635		825		
		15.4	21.0		700				
		16.8	21.9	1190	580	840 / 1350 (with headrest)	870	360	770
		16.8	21.9		610				
		16.9	22.0		640				
		17.0	22.3		665				
		17.2	22.5	1225	665		905		
		17.6	22.9		730				

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