

## The Advantages of Carbon Fiber over Metal

**Red:** Stiffness  
**Green:** Shock-absorbing  
**Yellow:** Impact Resistance  
**Purple:** Light Weight



### Strength-to-Weight Ratio

Under the same strength premise, the carbon fiber wheelchair is generally only 1/3 of the weight of the alloy wheelchair. And, of course, its driving quality is much better than its counterparts.

### High Impact Durability and Fatigue Strength

Through the carbon fiber lamination design and fiber type selection, it is no doubt that a tough and yet shock-absorbing wheelchair can be made.

### Can be Formed into More Ergonomic Shapes

The formability of carbon fiber material enables us to design the wheelchair into a more ergonomic shape. After all, we are all fed up with the traditional dull piping structure design.

CAD allows us to take advantage of the versatility of carbon fiber.....

### PATENT AUTHENTICATION

Patent Description	Country Applied	Application Date	Application Number	Patent Type	Patent Number
Multifunctional stretcher	Taiwan	2011.1.13	100200766	Utility Models	M407730
Patient carrying device	China	2012.11.20	201220616380.8	Utility Models	202892251U
wheelchair frame	Europe	2014.10.06	002551804	Designs	002551804-0001
wheelchair frame	Taiwan	2014.09.23	103305600	Designs	D170369
	Taiwan	2014.06.24	103211162	Utility Models	M490313
foldable wheelchair	Taiwan	2014.06.24	103121743	Granted Inventions	-
	China	2014.07.21	201410347226.9	Granted Inventions	-
damping wheelchair	Taiwan	2014.06.24	103211163	Utility Models	M490314
	China	2014.07.21	201410347229.2	Granted Inventions	-
foldable wheelchair	Taiwan	2015.07.17	104123273	Granted Inventions	-
wheelchair frame	Europe	2016.7.28	003321975	Designs	003321975
adjustable wheeltable	Taiwan	2015.07.17	104211596	Utility Models	M5143686
	China	2016.07.11	201620723204.2	Utility Models	-
wheelchair with replacable tilt tube	Taiwan	2016.07.15	105122334	Granted Inventions	-
	Taiwan	2016.03.17	105108206	Granted Inventions	-
handwheel assembly for wheelchair	Taiwan	2016.03.17	105203646	Utility Models	M525735
foldable crutch	Taiwan	2015.12.21	104142437	Granted Inventions	-

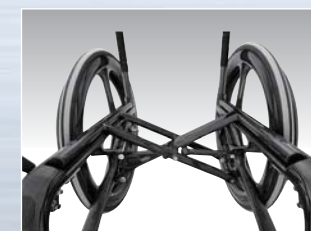
## MF012



MF012 CE registration number : RPS / 436 / 2016



Extra support beams hidden under the main frame help to lower the center of gravity and also increase the stability.



"H" type folding structure, sturdy and convenient.



Model Name	MF012				
Seat Width x Seat Depth	14" x 17"	15" x 17"	16" x 17"	17" x 17"	18" x 17"
Rear Wheel Size	4" x 25"	4" x 25"	4" x 25"	4" x 25"	4" x 25"
Seat Width	361mm	383mm	405mm	418mm	440mm
Seat Depth	420mm	420mm	420mm	420mm	420mm
Seat Height	500mm				
Backrest Height	380mm				
Armrest Height	200mm				
Calf Length	360-380mm				
Max. User Weight	120kg				
Weight	9.8kg				
Overall Length x Width x Height	920 x 576 x 920mm	920 x 598 x 920mm	920 x 620 x 920mm	920 x 633 x 920mm	920 x 644 x 920mm
Folding size Length x Width x Height	920 x 350 x 920mm	920 x 355 x 920mm	920 x 360 x 920mm	920 x 365 x 920mm	920 x 368 x 920mm

## MF015



MF015 CE registration number : RPS / 473 / 2016



3K



12K



Unique back support positioning system provides more lean back selections, 90 and 110 degree.



A patent hub axle design that enables the user to alter the wheel angle(0, 2, 4, 6) for different terrains.

Model Name	MF015				
Seat Width x Seat Depth	14" x 16"-17"	15" x 16"-17"	16" x 16"-17"	17" x 16"-17"	18" x 16"-17"
	4" x 24"	4" x 24"	4" x 24"	4" x 24"	4" x 24"
Front/Rear Wheel Size	4.5" x 24"	4.5" x 24"	4.5" x 24"	4.5" x 24"	4.5" x 24"
	5" x 24"	5" x 24"	5" x 24"	5" x 24"	5" x 24"
Seat Width	350mm	375mm	400mm	425mm	450mm
Seat Depth	350-400mm	350-400mm	350-400mm	350-400mm	350-400mm
Seat Height	500mm				
Backrest Height	380mm				
Armrest Height	190mm				
Calf Length	360-380mm				
Max. User Weight	120kg				
Weight	6kg				
Length x Width x Height	900 x 650 x 800mm	900 x 675 x 800mm	900 x 700 x 800mm	900 x 725 x 800mm	900 x 750 x 800mm

## OPTIONAL ACCESSORY

Design and manufacture of advanced carbon fiber composite structure. Made of high stiffness, strength and ultra-low weight with the same level of aerospace, enabling users to easily use! emphasized comfortable use, lightweight design and has an extremely excellent traveling performance. Very stylish and simple design provide users with the best option of wheelchair.



WH269  
24" Alloy wheels



WH210  
25" Full carbon three spoke wheels  
3K finish



OF018  
Length : 76 to 92cm  
Finish : 12K

**GIGANTEX**