



**PRODUCT MANUALELECTRIC
WHEELCHAIR & MOBILITY SOLUTION**

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ABOUT US

Yiwu Reizberg Medical Device Co., Ltd. is a professional manufacturer dedicated to lightweight carbon fiber wheelchairs and mobility scooters. Our factory covers an area of 28,000 m², equipped with modern production lines and complete testing facilities.

With over 20 years of experience in the carbon fiber technology field and more than 10 years of deep cultivation in electric wheelchairs and mobility scooters, we combine advanced materials with practical clinical needs to create safe, reliable and easy-to-use mobility products.



Professional product design



CARBON FIBER TECHNOLOGY FOCUS

Our R&D team of over ten professionals covers industrial design, mechanical engineering and electronic control. They work closely with customers to turn ideas and market needs into competitive products and long-term solutions.

RICH EXPERIENCE IN MOBILITY PRODUCTS

Having specialised in electric wheelchairs and mobility scooters for more than ten years, we understand real user scenarios and medical requirements very well. This experience allows us to design products that are not only beautiful on paper, but also comfortable, safe and durable in real life.



Standard industrial production

CARBON FIBER MATERIALS AND PROCESSES

Advanced composite materials for mobile solutions



Design



Material

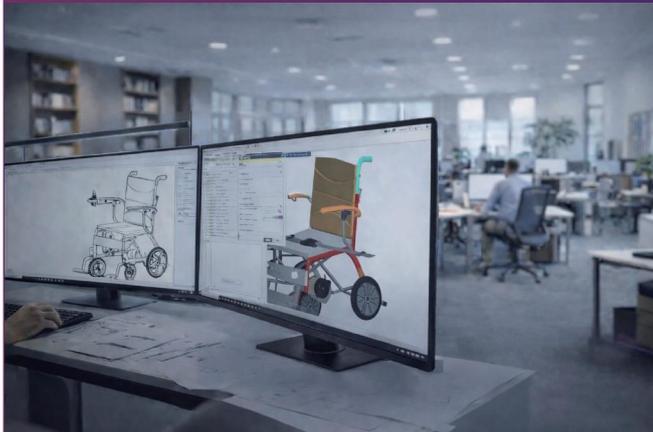


Craft



Surface Treatment

01 Design



- Ultralight carbon fiber frame design
- 3D CAD modeling

02 Material



- Aerospace-grade T700/T800 carbon fiber
- High-performance multi-layer layup

03 Craft



- Precision molding process
- Multi-axis reinforcement

04 Surface Treatment



- Sanding, polishing, and coating
- Matte, gloss, satin finishes

Flexible Carbon Fiber Customization Platform



Weave Pattern Options



Color & Texture Custom



Strength-Weight Tuning
Brand-Specific Design



High-strength T700 carbon fiber
Ultra-light frame, redefining ease and freedom!

CARBON FIBER WHEELCHAIR SERIES

PRODUCT PARAMETERS

Model:RZ-EC9001

Material: T700 carbon fiber

Motor:	400W
Battery:	24V 7.8Ah
Controller:	LCD Controller
N.W.(without battery):	11.3KG
Max Loading:	136KG
Seat:	W43*L40*T1cm
Backrest:	H41*W43cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum 6.5" solid tyre
Rear Wheel:	Aluminum alloy 12" solid tyre
Size(Unfolded):	92*59*84cm
Size(Folded):	74*27.5*68cm
Packing Size:	75*35*80cm
G.W.(with package):	17.3KG
Range:	12-15km



Lithium battery
24V 7.8Ah



Dual 200W
Brushless Motors



360° LCD Joystick
Controller



136kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model: RZ-EC9001P

Material: T700 high-strength carbon fiber frame.



Motor:	500W
Battery:	24V 7.8Ah
Controller:	LCD Controller
N.W.(without battery):	11.3KG
Max Loading:	136KG
Seat:	W43*L40*T1cm
Backrest:	H41*W43cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum 6.5" solid tyre
Rear Wheel:	Aluminum alloy 12" solid tyre
Size(Unfolded):	92*59*84cm
Size(Folded):	74*27.5*68cm
Packing Size:	75*35*80cm
G.W.(with package):	17.3KG
Range:	12-15km



Lithium battery
24V 7.8Ah



Dual 250W
Brushless Motors



360° LCD Joystick
Controller



136kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model:RZ-EC9002

Material: T700 high-strength carbon fiber frame.

Motor:	400W
Battery:	24V 7.8Ah
Controller:	LCD Controller
N.W.(without battery):	14.5KG
Max Loading:	145KG
Seat:	W43*L42*T4cm
Backrest:	H48*W43cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum 7" solid tyre
Rear Wheel:	Aluminum alloy 8.5" solid tyre
Size(Unfolded):	93*60*93cm
Size(Folded):	61*45*74cm
Packing Size:	67.5*40.5*80cm
G.W.(with package):	21KG
Range:	12-15km



Lithium battery
24V 7.8Ah



Dual 200W
Brushless Motors



360° LCD Joystick
Controller



145kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model: RZ-EC9002P

Material: T700 high-strength carbon fiber frame.



Motor:	500W
Battery:	24V 7.8Ah
Controller:	LCD Controller
N.W.(without battery):	14.5KG
Max Loading:	145KG
Seat:	W43*L42*T4cm
Backrest:	H48*W43cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum 7" solid tyre
Rear Wheel:	Aluminum alloy 8.5" solid tyre
Size(Unfolded):	93*60*93cm
Size(Folded):	61*45*74cm
Packing Size:	67.5*40.5*80cm
G.W.(with package):	21KG
Range:	12-15km



Lithium battery
24V 7.8Ah



Dual 250W
Brushless Motors



360° LCD Joystick
Controller



145kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model:RZ-EC9003

Material: T-700 Carbon fiber & Aluminum

Motor:	400W
Battery:	24V 7.8Ah
Controller:	LCD Controller
N.W.(without battery):	16.5KG
Max Loading:	145KG
Seat:	W42.5*L46.5*T4cm
Backrest:	H 46*W 52cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum 7" solid tyre
Rear Wheel:	Aluminum alloy 11" solid tyre
Size(Unfolded):	92*62*97cm
Size(Folded):	62*42.5*78cm
Packing Size:	69.5*42.5*89cm
G.W.(with package):	23KG
Range:	12-15km



Lithium battery
24V 7.8Ah



Dual 200W
Brushless Motors



360° LCD Joystick
Controller



145kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model: RZ-EC9005

Material: T-700 Carbon fiber & Aluminum



Motor:	400W
Battery:	24V 7.8Ah
Controller:	LCD Controller
N.W.(without battery):	16.5KG
Max Loading:	150KG
Seat:	W42.5*L46.5*T 4cm
Backrest:	H 46 *W 52cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum 7" solid tyre
Rear Wheel:	Aluminum alloy 12" solid tyre
Size(Unfolded):	103*62*98cm
Size(Folded):	62*42.5*78cm
Packing Size:	69.5*42.5*89cm
G.W.(with package):	23KG
Range:	12-15km



Lithium battery
24V 7.8Ah



Dual 200W
Brushless Motors



360° LCD Joystick
Controller



150kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.





High-strength T700 carbon fibre
Ultra-light frame, redefining ease and freedom!

ROLLATOR SERIES

PRODUCT PARAMETERS

Model: RZ-RC100

Material: T-700 Carbon fiber



Max Loading:	120KG
Seat:	W43cm*H60*21cm
Storage bag size:	L38*W18.5*H22cm
Front Wheel:	8"solid tyre
Rear Wheel:	8"solid tyre
Size(Unfolded):	L67*W58*H85-97cm
Size(Folded):	L 67*W22*H82cm
Packing Size:	L71*W24*H86cm
G.W.(with package):	7.8KG
N.W.(without bag):	5.1KG
Turning Radius:	64cm



Large-capacity storage bag



The portable seat can bear a weight of 100 kg



Portable brake design



8"solid tyre



Lightweight & portable,
fits in trunk



One-second folding storage



Ultra-light weight, only 5.1 KG



PRODUCT PARAMETERS

Model:RZ-RC101

Material: T-700 Carbon fiber



Max Loading:	120KG
Seat:	W43cm*H60*21cm
Storage bag size:	L38*W18.5*H22cm
Front Wheel:	8"solid tyre
Rear Wheel:	8"solid tyre
Size(Unfolded):	L67*W58*H85-97cm
Size(Folded):	L 67*W22*H82cm
Packing Size:	L71*W24*H86cm
G.W.(with package):	7.8 KG
N.W.(without bag):	5.1KG
Turning Radius:	64cm



Large-capacity storage bag



The portable seat can bear a weight of 100 kg



Portable brake design



8"solid tyre



Lightweight & portable,
fits in trunk



One-second folding storage



Ultra-light weight, only 5.1 KG



PRODUCT PARAMETERS

Model: RZ-RA200

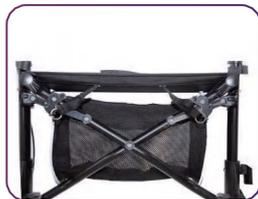
Material: Aluminum



Max Loading:	120KG
Seat:	W45cm*H59*25cm
Storage bag size:	L37*W23.5*H25cm
Front Wheel:	8.5"solid tyre
Rear Wheel:	8.5"solid tyre
Size(Unfolded):	L87.5*W62*H87-100cm
Size(Folded):	L 69*W32*H30cm
Packing Size:	L73*W27*H35cm
G.W.(with package):	13.2KG
N.W.(without bag):	8.9KG
Turning Radius:	70cm



Large-capacity storage bag



The sturdy lock ensures your peace of mind when sitting



It folds the largest volume and doesn't take up much space



8.5"solid tyre



Lightweight & portable,
fits in trunk



One-second folding storage



Ultra-light weight, only 8.9 KG





Ultra-lightweight aerospace-grade
aluminum alloy

ALUMINUM ALLOY WHEEL CHAIR

PRODUCT PARAMETERS

Model:RZ-EA5001

Material: Aluminum

Motor:	500W
Battery:	12AH Lithium
Controller:	360° Controller
N.W.(without battery):	24.7KG
Max Loading:	120KG
Seat:	W46*L46*T 6.5cm
Backrest:	H 56*W 45cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum alloy 8" solid tyre
Rear Wheel:	Aluminum alloy 12" tyre
Size(Unfolded):	110*68*99cm
Size(Folded):	63.5*51*78cm
Packing Size:	85*43*66cm
G.W.(with package):	33KG
Range:	12-18km



12AH Lithium



250W*2 Brush



360° Joystick



120kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model: RZ-EA6001

Material: Aluminum



Motor:	500W
Battery:	10AH Lithium
Controller:	360° Controller
N.W.(without battery):	22KG
Max Loading:	120KG
Seat:	W42*L39*T4cm
Backrest:	H48*W43cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum alloy 7" solid tyre
Rear Wheel:	Aluminum alloy 12" solid tyre
Size(Unfolded):	95*64*93cm
Size(Folded):	64*34*73cm
Packing Size:	64*37.8*82.6cm
G.W.(with package):	28KG
Range:	12-15km



10AH Lithium



Dual 250W
Brushless Motors



360° Joystick



120kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model:RZ-EA6002

Material: Aluminum

Motor:	400W
Battery:	6AH Lithium
Controller:	360° Controller
N.W.(without battery):	14KG
Max Loading:	100KG
Seat:	W40*L35.5*T 3cm
Backrest:	H40*W47cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum alloy 7" solid tyre
Rear Wheel:	Aluminum alloy 10" tyre
Size(Unfolded):	104*56*89.5cm
Size(Folded):	61*40*74cm
Packing Size:	58*31*80cm
G.W.(with package):	19KG
Range:	10-12km



12AH Lithium



200W*2 Brush



360° Joystick



100kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.



PRODUCT PARAMETERS

Model: RZ-EA6001C

Material: Aluminum



Motor:	400W
Battery:	10AH Lithium
Controller:	LCD Controller
N.W.(without battery):	20KG
Max Loading:	136KG
Seat:	W40*L41.5*T 7.5cm
Backrest:	H 36*W 31cm
Brake:	Electromagnetic brake
Front Wheel:	Aluminum alloy 7"solid tyre
Rear Wheel:	Aluminum alloy 12"solid tyre
Size(Unfolded):	98*55*96cm
Size(Folded):	78*31*88cm
Packing Size:	79*37.5*74.5cm
G.W.(with package):	27KG
Range:	12-15km



10AH Lithium



200W*2 Brushless



360° LCD Joystick Controller



136kg load



Lightweight & portable,
fits in trunk



One-second folding storage



The electromagnetic brake can stop
the vehicle on slopes.





Lightweight aluminum alloy frame

MOBILITY SCOOTER CHAIR

PRODUCT PARAMETERS

Model: RZ-S100F

Material: Aluminum

Motor	500W
Standard Battery	24V 7.8ah Lithium
Max Loading	120KG
Seat	W40*L38*H62cm
backrest	W39*H33cm
brake	Electromagnetic brake
Front Wheel	Aluminum alloy 6.5" solid tyre
Rear Wheel	Aluminum alloy 7.5" solid tyre
Size(Unfolded)	L107*W51*H95cm
Size(Folded)	L52*W46*H69cm
Packing Size	77*57*52cm
Folding	Fully automatic folding
G.W.(with package)	38KG
N.W.(without battery)	31.2KG
Range	10km



Large-capacity storage bag



Simple operation console



Convenient Charging
24V 250W



Comfortable seats,
anti-slip and stain-resistant



Lightweight & portable,
fits in trunk



One-second folding storage



Stable and damped



PRODUCT PARAMETERS

Model: RZ-S200

Material: Steel



Motor	24v250w
Standard Battery	24V12AH Lithium
Max Loading	120KG
Seat	W45*L41*H61cm
backrest	W45.5*H34cm
brake	Electromagnetic brake
Front Wheel	Aluminum alloy 7.5" solid tyre
Rear Wheel	Aluminum alloy 8.5" solid tyre
Size(Unfolded)	L107*W51*H95 cm
Size(Folded)	L107*W51*H53 cm
Packing Size	107*52.5*57.5cm
Folding	Manual Folding
G.W.(with package)	52KG
N.W.(without battery)	37.9KG
Range	15km



Large-capacity storage bag



Simple operation console



Anti-tilt wheels & Eabs



Comfortable seats, anti-slip and stain-resistant



Lightweight & portable,
fits in trunk



One-second folding storage



Stable and damped



PRODUCT PARAMETERS

Model: RZ-S210

Material: Aluminum

Motor	350w
Standard Battery	48V 12AH Lithium
Max Loading	120KG
Seat	W42.5*L34.5*H53cm
backrest	W44*H35cm
brake	Electronic + Mechanical brake
Front Wheel	Aluminum alloy 10"tyre
Rear Wheel	Aluminum alloy 10"tyre
Size(Unfolded)	L110*W60*H83cm
Size(Folded)	L59*W49*H86cm
Packing Size	65*92*55cm
Folding	Manual Folding
G.W.(with package)	33KG
N.W.(without battery)	22.6KG
Range	55km



48V 12AH Lithium



Simple digital display screen



Convenient Charging
24V 250W



Comfortable seats,
anti-slip and stain-resistant



Lightweight & portable,
fits in trunk



One-second folding storage



Stable and damped



PRODUCT PARAMETERS

Model: RZ-S300

Material: Aluminum



Motor	200W
Standard Battery	24V 6Ah Lithium
Max Loading	120KG
Seat	W43*L38.5*H52cm
backrest	W45*H37cm
brake	Electromagnetic brake
Front Wheel	Aluminum alloy 6.5"solid tyre
Rear Wheel	Aluminum alloy7.5"solid tyre
Size(Unfolded)	L95*W50*H95cm without armrest
Size(Folded)	L40*W50*H73cm without armrest
Packing Size	56*49*87cm
Folding	Manual Folding
G.W.(with package)	34KG
N.W.(without battery)	23.9KG
Range	20km



24V 6Ah Lithium



LCD display screen



Anti-slip rear wheels,
safe and reliable



Side-mounted cup
storage design



Lightweight & portable,
fits in trunk



One-second folding storage



Stable and damped



PRODUCT PARAMETERS

Model: RZ-S301

Material: Aluminum

Motor	200w
Standard Battery	24V 6Ah Lithium
Max Loading	120KG
Seat	W43*L38.5*H52cm
backrest	W45*H37cm
brake	Electromagnetic brake
Front Wheel	Aluminum alloy 6.5" solid tyre
Rear Wheel	Aluminum alloy 7.5" solid tyre
Size(Unfolded)	L95*W50*H95cm without armrest
Size(Folded)	L40*W50*H73cm without armrest
Packing Size	56*49*87cm
Folding	Manual Folding
G.W.(with package)	30KG
N.W.(without battery)	23.9KG
Range	20km



24V 6Ah Lithium



LCD display screen



Anti-slip rear wheels,
safe and reliable



Comfortable seats,
anti-slip and stain-resistant



Lightweight & portable,
fits in trunk



One-second folding storage



Stable and damped





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