
Manual Wheelchair

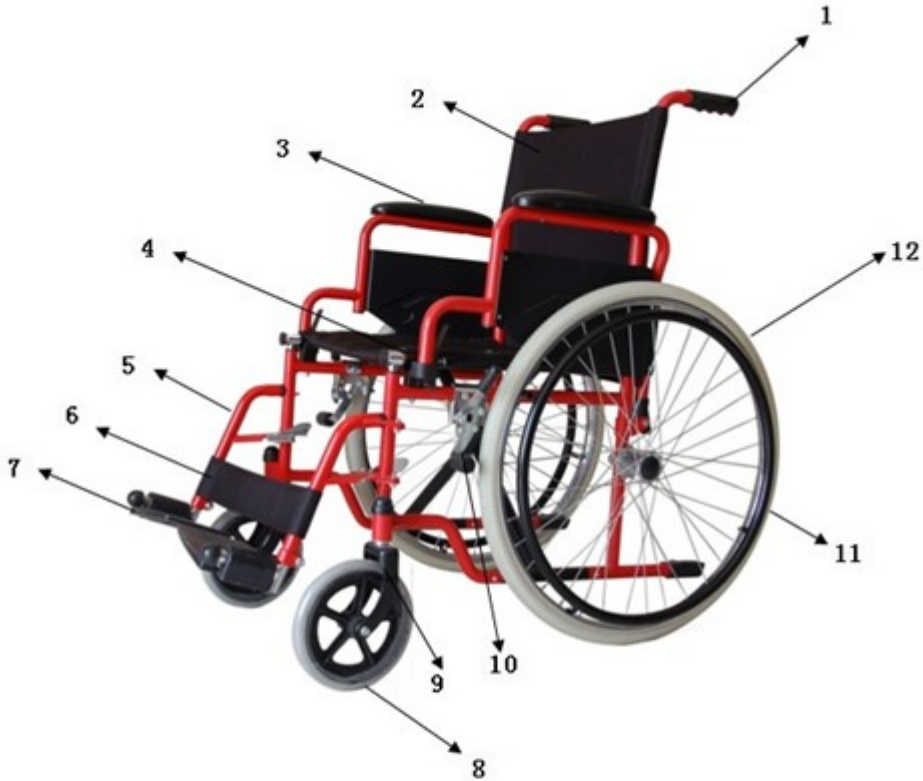


User Manual

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18WCS – Standard Wheelchair 18”
22WCB – Bariatric Wheelchair 22”

1. Simple Structure Figure



1	Handgrip	7	Footplate
2	Backrest Upholstery	8	Front wheel
3	Armrest	9	Front Caster
4	Seat Upholstery	10	Brake
5	Legrest	11	Handrim
6	Leg Support	12	Real Wheel

2. Usage

1.1 2.1 Unfolding the Wheelchair



Figure 1

Hold the handles with both hands to separate the frame slightly. Push down both sides of the seat upholstery to

flatten lightly by hand, so that the wheelchair has been unfolded. (Figure 1)

1.2 2.2 Folding



Figure 2

First turn over both the footplates, lift up both sides of the seat upholstery lightly with hands, and then it can be folded. (Figure 2)

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2.4 Method of self propelling the wheelchair



The user sits on the wheelchair stably then holds the hand rims of the rear wheels with both hands. At the same time propel the wheelchair by a balanced force with both hands to make it move forward then release the hands. When the wheelchair slows down and needs to be operated once again after traveling for some distance, repeat these steps as mentioned above.

2.5 Use of the brakes

With the wheelchair has stopped the user holds the brake handles with both hands and then moves the brake handles forward to the self-locking position. This will cause the rear wheels stop completely and keep still. The process for braking is completed. (Figure 7)



(Figure 7)

2.6 Operation method of cross the obstacles



Figure 8

In case of coming across obstacles, the attendant should firmly hold the handles with both hands, lean back the wheelchair to lift the front castor if necessary, then cross the obstacles. (Figure 8)

2.7 Operation method of flip back armrest (fixed armrest is excluded)



(Figure 9)

When detaching the armrest, first press the armrest fastener with one hand to separate it from the front bracket of seat tube and then you can flip it back. When flipping down line up the armrest with the seat tube and press lightly to lock it in place. Note it is self locking. (Figure 9)

2.8 Operation method of detachable legrest (fixed legrest is excluded)



(Figure 10)

When assembling the legrest, you should first aim the top and bottom positioning holes at the top and bottom fixed pins, hang the legrest in place and then swing the legrest to the spring from outside to inside to reach a state of self-locking. When detaching the legrest, you should first turn the legrest outside into a certain angle then lift it out of the fixed pins, and remove the legrest completely. (Figure 10)

3. Maintenance

- 3.1 Wheelchairs must be examined to see whether all parts and bolts are still fixed well after a period of usage. If they are loose qualified maintenance personnel should adjust them immediately.
- 3.2 Lubricant should be added on the moving parts of the wheelchair, which makes it more flexible and easy to operate.
- 3.3 Soft and dry cloth shall be used to clean water and pollutants from the surface of the wheelchair after usage to avoid any corrosion.
- 3.4 Seat and back upholstery shall be kept clean and tidy so as to protect users' skin.

4. Notices

- 4.1 Wheelchair is used as a tool instead of walk for handicapped, patient and the old, so it is suitable to be used on the flat surface in or out of the room. If it needs long-distance use the patient must be accompanied by an attendant. In case of coming across obstacles the attendant should hold the handle firmly with both hands and if necessary lean back the wheelchair to lift the front castor then cross the obstacle.
- 4.2 Be cautious not to exceed the wheelchairs weight capacity on flat road.
- 4.3 If the wheelchair is patient propelled please operate smoothly and the speed should not exceed 3-5km/h.
- 4.4 Brakes are used to stop for stabilization and are not used to hold a moving wheelchair, especially while going up or down on a slope, otherwise there will be a risk of roll over.
- 4.5 Users must not stand in the footplates in case wheelchair overturns.
- 4.6 While using wheelchair on a slope please don't tilt the wheelchair or turn it suddenly or brake suddenly when going downhill in order to avoid risk of roll over.
- 4.7 When wheel tire has not enough air, please don't use it. It will damage the tires. In order not over inflate tires, users should pay attention to air pressure when inflating tires and air pressure should be restricted to 3.5kg / cm² as to rear wheel.

5. Performance parameters

- Minimum radius of gyration: ≤ 0.85
Static stability: (vertical) $\geq 10^\circ$, (lateral) $\geq 15^\circ$
Diameter of rear wheel: 610mm
Effectiveness of brakes: $\geq 8^\circ$

6. Warranty

Manual wheelchair has a legal guarantee of one years from the invoice against manufacturer defects. The warranty does not cover the wear of wheels, seats, backrests, brakes & also problems caused by improper use or maintenance. The transport costs for repair shall be borne by the customer.

The following cases don't belong to the scope of warranty

- Leakage of fluid to tube inners, damage or rust on the surface.
- Issues under inappropriate use, maintenance and custody.
- Incorrect assembly / disassembly by users or their maintenance team.
- Damage caused by accidents.

If necessary the intervention of the manufacturer for maintenance and Repair,

Contact:

**The Wheelchairs has been tested and certified in accordance with CE requirements and BSEN
12183.**



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