

INSTRUCTION MANUAL
WARRANTY CARD

ALUMINIUM WHEELCHAIR



AR-366 Aluminium wheelchair
AERO



ARMEDICAL Sp. z o.o.

al. Zwycięstwa 75, 42-520 Dąbrowa Górnicza, Polska
tel.fax: +48 32 261 71 36, +48 783 001 111
www.armedical.pl, e-mail: biuro@armedical.pl





INSTRUCTION MANUAL – ALUMINIUM WHEELCHAIR

Dear Sir or Madam,

Thank you for purchasing our wheelchair. We appreciate the trust you have placed in us. We have made every effort to ensure that our equipment meets your expectations. We hope it will be practical, helpful and make moving around at home and during everyday walks much easier. Before use, please read this instruction manual and strictly follow the safety instructions. Please keep this manual, which also serves as the warranty card.

Intended use:

The wheelchair is an assistive and rehabilitation device intended for the individual transport of people with disabilities following spinal cord injuries, cerebral palsy and various injuries or paresis of the lower limbs. It is also intended for people with neuromuscular diseases, after cranio-cerebral injuries, and for geriatric patients. It is also intended for people who wish to participate actively and comfortably in everyday life despite mobility problems; it provides excellent manoeuvrability and the possibility of balancing while driving.



Contraindications:

Contraindications to the sitting position. Motor coordination disorders, vestibular problems, spinal instability. Persons with intellectual disabilities must not use the device without caregiver supervision.

User data:

Maximum patient weight ensuring safe use of the wheelchair: 120 kg



Notes and warnings:

To avoid accidents, please:

1. Thoroughly check that all components have no visible mechanical damage.
2. Check that all components have been properly connected; the wheelchair must look as shown in this manual.
3. Each time the rear wheels are installed, check that the wheel quick-release axle lock has engaged. A characteristic click of the latch should be heard during installation. Also check that each wheel is securely mounted by pulling it firmly without pressing the "quick-release" button.
4. Check that the wheelchair is completely unfolded and that the backrest is fully unfolded (latches locked).
5. Do not unfold or use the wheelchair on surfaces that do not provide secure support for the user, e.g. icy, wet, greasy or heavily sandy surfaces.
6. Use the wheelchair only on surfaces where all four wheels are in contact with the ground and the contact is sufficient to propel the wheels properly.
7. Do not stand on the footrests when getting into or out of the wheelchair – fold them up or move them completely aside beforehand.
8. Do not carry the wheelchair together with the user. Carry the wheelchair by gripping the seat frame. Never carry it by the armrests or footrests.
9. Apply the patient brakes when getting into and out of the wheelchair!
10. Do not exceed the maximum user weight (patient weight in kg) specified by the wheelchair manufacturer.



To avoid injuries:

1. The wheelchair must be completely unfolded (when correctly unfolded it must look exactly as shown in this manual).

2. The technical condition of the wheelchair must be checked before each use.

3. Do not use the wheelchair if any visible or detectable damage has been found, or if the degree of wear of the parts indicates a potential risk of an accident (e.g. worn wheels, torn upholstery, etc.). All repairs must be entrusted to qualified personnel and, during the warranty period, only to the manufacturer's service department.

4. Check the technical condition of the brakes (braking force) each time. The brakes are not intended to slow the wheelchair while moving; they must only be used to prevent unwanted movement of the wheelchair.

5. The patient brakes and caregiver brakes must be correctly adjusted (proper braking force and even pressure from both brakes). Incorrect adjustment of one patient brake may lock only one rear wheel, which on steep slopes can cause the wheelchair to rotate uncontrollably. Using the patient brake while moving may result in an accident and all its consequences.

6. Contamination of the wheel tyres with oils, grease, water or other substances may reduce braking efficiency.

7. After prolonged use, braking force may decrease due to clearance between the brake pressure pin and the rear wheel tyre. The parking brakes can be adjusted by the user. Loosen the screws securing the brake mechanism, move the entire mechanism towards the wheel until, after retightening, the wheel no longer rotates (check the adjustment with the patient in the wheelchair). After adjustment, secure the mechanism again with the locking screws.

8. Check tyre pressure regularly. If tyre pressure is too low, brake effectiveness may be significantly reduced. Recommended tyre pressure – the value indicated on the tyre (for pneumatic wheels).

9. For pneumatic wheels, do not exceed the maximum permissible inflation pressure.

10. The wheelchair is intended for indoor and outdoor use only on hard, level surfaces. When moving through doors and other passages, make sure there is sufficient space on both sides to avoid hand injuries or damage to the wheelchair.

11. The wheelchair is not intended for transporting a patient on stairs, as a stretcher, or by pulling the patient in the wheelchair.

12. Take particular care when moving on inclined surfaces. Assistance from a caregiver is required to overcome difficult architectural barriers (steep or long ramps, high steps, etc.).

13. The wheelchair must not be used as a seat in a motor vehicle (bus, train).

14. When using public roads, comply with traffic regulations.

15. When reaching for objects, avoid excessive leaning out of the wheelchair, as this may cause a fall (to the side, forward or backward).

16. Do not leave the patient in the wheelchair (even with the brakes applied) on descents, ramps, landings, etc.

17. Do not leave the wheelchair with the user in the immediate vicinity of an open flame.

18. Remember that the surface temperature of the upholstery and frame components may increase when exposed to sunlight or another heat source, while at low temperatures metal parts of the wheelchair may become extremely cold. This may cause burns or frostbite.

19. When transporting the wheelchair (e.g. in a car boot), do not place any load on it or put any objects on it, as this may affect its construction.

20. Take particular care when folding the wheelchair; lack of attention may result in fingers being trapped by folding components.

21. Before starting to move, always make sure that no part of the patient's body or clothing can become caught in moving parts of the wheelchair.

22. Take particular care when overcoming obstacles (descending/ascending kerbs, crossing thresholds, moving on inclined surfaces). Reduce speed especially in such situations.

Maintenance:

Clean the wheelchair regularly using only water and mild detergents approved by PZH. After cleaning, wipe/dry it with a soft cloth. Clean the upholstery and frame with a damp cloth without detergents or similar agents (vacuuming is permitted). Remove contaminants such as threads, hair, etc. from moving parts of the wheelchair (wheels, footrests) on an ongoing basis. To maintain the product's functional parameters, it is essential to keep all components clean and store the wheelchair properly. Storage in rooms with very high humidity (bathrooms, laundries, etc.) or outdoors, combined with poor hygiene, will quickly reduce functional and aesthetic properties.

Do not use abrasive agents! Do not use solvents, corrosive agents, chlorine-containing products or other "aggressive" detergents.

DO NOT clean the wheelchair using pressure washers or steam cleaners. Rubber components (wheels) are wear parts and must be replaced when excessive wear is found.

Maintenance schedule:

Weekly: Check the brake for faults, check all wheels for loose screws, nuts and axles, and check the pressure in the rear wheels (for pneumatic wheels).

Periodically: Check the armrests, footrests and other wheelchair components for wear. Check that all screws are tightened; check that the front and rear axle screws are tightened (excluding quick-release axles); check components for fatigue, wear or cracks. Check the general technical condition of the wheelchair.

Troubleshooting

If a problem occurs, please review this section. If this does not help, contact the point of sale or service centre.
Repairing the wheelchair yourself is FORBIDDEN!!! It may result in an accident.

I. The wheelchair is unstable.

- Are both rear wheels correctly installed? If not, push them in until the quick-release latch clearly clicks.
- Is the wheelchair completely unfolded? If not, unfold it by pressing the seat frame down with both hands.
- Are the front wheels securely tightened? If not, tighten them and check the stability of the wheelchair again.
- Are all front and rear wheels mounted at the same height? If not, adjust and tighten them at the same height.
- Do both rear wheels have the same pressure (for pneumatic wheels)? If not, equalise the tyre pressure.
- Are all wheelchair frame components securely connected? If not, contact the point of sale. DO NOT USE THE WHEELCHAIR!!!
- Is the backrest completely unfolded? If not, unfold it by lifting it upward until the latches lock.

Incidents:

Any serious incident related to the device must be reported to the manufacturer and to the Office for Registration of Medicinal Products, Medical Devices and Biocidal Products.

Disposal:

A product no longer suitable for use must be disposed of in accordance with local environmental regulations concerning disposal of products.

Discontinuation of use:

In case of visible mechanical damage or material wear, stop using the product.

ELEMENTS / COMPONENTS

AR-366



- (1) - Caregiver handles
- (2) - Caregiver brake
- (3) - Backrest folding latches
- (4) - Armrest
- (5) - Rear wheel tyres
- (6) - Handrims
- (7) - Patient brakes
- (8) - Armrest folding latch
- (9) - Rear wheel adapter
- (10) - Rear wheel quick-release axles
- (11) - Cross-brace frame (double cross)
- (12) - Anti-tip wheels with angle adjustment

- (13) - Front wheel fork
- (14) - Backrest
- (15) - Removable MESH fabric upholstery
- (16) - Seat
- (17) - Seat frame
- (18) - Handles (for folding/removing footrests)
- (19) - Footrest frame
- (20) - Calf safety strap
- (21) - Foot safety straps
- (22) - Footrest height adjustment screws
- (23) - Footrests (platforms)
- (24) - Front wheel

Preparation for use:

1. Remove the wheelchair from the cardboard or plastic packaging.
2. First check the technical condition of the wheelchair in accordance with the "Notes and warnings" section.
3. Unfold the wheelchair - position it with the rear wheels facing each other, then spread the wheelchair handles outward. Position the wheelchair with the front wheels facing each other and press the seat frame down until the wheelchair is completely unfolded. Fully unfold the backrest until the latches click. Place the Mesh upholstery on the seat with the Velcro facing the rear of the seat, so that the Velcro can be attached underneath the seat. Then fasten the Mesh backrest upholstery with Velcro. To attach the footrests, insert the footrest hangers into the holes in the frame tubes and rotate them fully inward until the footrest lock engages and a characteristic click is heard. Make sure the footrests are locked. Then unfold the footrest platforms. Attach the calf stabilising strap to the footrest frames using the Velcro straps (wrap it around and fasten with Velcro).
4. To individually fit the wheelchair to the patient, set the correct footrest height. Seat the patient in the wheelchair; the legs should be bent at approximately 90° (loosen the footrest height adjustment screws, set the correct height and retighten).
5. Set the desired height of the anti-tip wheels by pulling the internal (round) locking pin towards you, setting the required height and releasing the pin (the locking pin must enter the height-adjustment holes; a click should be heard).
6. Set the desired height of the front and rear wheels (centre-of-gravity setting) by loosening the front wheel screws (height repositioning on the forks) and the rear wheel adapters. Raise or lower the wheels to the desired position and retighten the screws. For amputees, rotate the rear wheel adapters outward.

If necessary, consult a doctor, rehabilitation specialist or point of sale for detailed instructions on proper use.

Cleaning and storage:

1. Place the wheelchair where it will not be exposed to mechanical damage or difficult weather conditions (rain, frost, strong sunlight).
2. In case of dirt, follow the "Maintenance" section of this manual.

Technical data:

PARAMETER: AR-366	
Frame / colour: Aluminium alloy / Matt black	
Type / model: Folding, cross-brace frame (double cross)	
Total dimensions: 107 x 58-65 x 95 cm (depending on width)	
Product weight: up to 12 kg* (without accessories)	
Maximum load: 120 kg	
Standard equipment	Folding backrest. Nylon backrest and seat (bag/pocket on the backrest). Swing-away, detachable footrests with height adjustment. Foot safety straps. Swing-away armrests - PU material. Patient brake. Caregiver foot supports. Front wheels - maintenance-free. Rear wheels - pneumatic (quick-release). * - accessories included: detachable Mesh fabric upholstery, caregiver brake, calf safety strap, anti-tip wheels with height (tilt angle) adjustment, pump (for pneumatic wheels). ** - optional accessory: AR-366-PAS - pelvic belt

SYMBOLS:

								
Wyrób medyczny	Zapoznaj się z instrukcją	Producent	Wyrób spełnia wymagania UE	Ostrzeżenie	Nr dato / serii	Data produkcji m-c/rok	Nadaje się do recyklingu	Selektywna zbiórka odpadów

WARRANTY CARD
Proof of purchase must be attached to the card

Purchase invoice no. _____	
LOT No. _____ Warranty period _____	
Order registration number _____	

1. ARMEDICAL Sp. z o.o., 42-520 Dąbrowa Górnicza, 75 Zwycięstwa Ave., hereby provides a standard 12-month warranty for the products covered by this document. If the product is introduced into the public reimbursement system, the manufacturer provides a 30-month warranty period. The warranty period starts on the date the product is purchased by the User. The warranty is valid only within the territory of the Republic of Poland.
2. During the warranty period, ARMEDICAL Sp. z o.o. undertakes to carry out necessary repairs to restore the product to proper operation within 14 days of receiving the claimed product.
3. ARMEDICAL Sp. z o.o. reserves the right to replace the product with a defect-free product if it considers repair costs uneconomical.
4. If the product is found to operate incorrectly, immediately contact the point of purchase or send the product to the manufacturer's address.
5. The warranty does not cover damage caused by mechanical factors. The warranty does not cover consumable items subject to normal wear, plastic and rubber components (e.g. wheel and plastic handle wear).
6. The warranty does not cover use of the wheelchair contrary to its intended purpose or the instruction manual, or exceeding the maximum permissible load specified by the manufacturer.
7. The warranty does not cover defects resulting from unauthorised repairs, modifications or structural changes made by the User or other unauthorised persons.
8. The warranty is valid only together with proof of purchase and this warranty card.
9. A complaint must be submitted exclusively in the form of a written complaint report specifying the type of defect found and the circumstances in which it occurred. Failure to comply with the complaint conditions specified in this manual excludes the guarantor's liability.

The returned product must be in proper hygienic condition. The product must be clean and free of contaminants such as food residues, mud, etc.

