

drive

 **DeVilbiss®**
HEALTHCARE



aero mg Wheelchairs

Instructions for use

1. INTRODUCTION

Please read these instructions for use carefully prior to using the wheelchair. They contain important safety information and valuable tips for proper use and care. Keep this manual in a safe place, for future reference.

The Aeromg wheelchair is available as either a transit model, where an attendant is required to propel it, or as a self-propelled model, where the occupant can propel it. It is designed for occasional or frequent use, both indoors and outdoors (on even, level surfaces). The device has a lightweight magnesium frame, a padded fabric seat, half-fold seat back and fold-away footrests. The wheelchair can support users weighing up to 115kg (18 stone).

Contact Drive DeVilbiss Healthcare Ltd. or check our website for the latest version of this document. Users with visual, reading or cognitive disabilities should seek advice from a professional care provider for an appropriate format. If this is not viable, users should contact Drive DeVilbiss Healthcare Ltd. If you have any questions concerning the operation or maintenance of the wheelchair, contact Drive DeVilbiss Healthcare Ltd.

2. PRODUCT DESCRIPTION

Intended Purpose:

To provide manually propelled mobility to an individual who has a walking related disability and/or who does not have the full capacity to walk.

Environment of Use:

The wheelchair is suitable for both indoor and outdoor use however it is not intended to be used on rough or uneven terrain.

Intended Users:

The wheelchair is intended for an individual who has a walking related disability and/or who does not have the full capacity to walk and has a weight of up to 115kg (18 stone).

Indications:

To assist with the mobility of an individual, as defined in the 'intended user group' section.

Contraindications:

- The occupant exceeds the maximum load capacity.
- The occupant has postural support needs that are not addressed by the wheelchair.
- Inability to safely guide a wheelchair (only applies to self propelled model).
- Occupants with Hemiplegia (only applies to self propelled model).
- Occupants with only one arm/hand (only applies to self propelled model).

Other contraindications may be specific to an individual and/or care environment.

3. SYMBOLS



Medical Device



UK Responsible Person



Maximum user mass



Authorised EU Representative

4. SAFETY PRECAUTIONS



Warning

- The wheelchair is only suitable for single occupancy.
- Consult a healthcare professional before using any assisted mobility device. A risk assessment must be carried out to determine the suitability of the wheelchair for the specific user.
- Exceeding the 115kg maximum user mass can damage the product and put users at risk of harm.
- Dispose of plastic bags and all other packing, to avoid risk of suffocation to children or animals.
- Ensure the wheelchair is fully open, the seat covers are secured in place and the footrests are in position, before use.
- Ensure that the push handles are raised and securely locked in position.
- Ensure that the rear wheels are secured in position before using.
- Before every use, check the brakes stop the rear wheels moving. Do not use a wheelchair with damaged or faulty brakes.
- Do not use the wheelchair on gradients above 10°.
- Do not use on escalators.
- This wheelchair must not be used as a seat in a motor vehicle. Users should always transfer to the vehicle's seat and the wheelchair should be safely stowed away.
- Do not use on extremely soft, uneven or wet ground, where the wheelchair may lose traction.
- Keep your feet on the footrests when moving. Do not stand on the footrests. Overloading can cause harm to the occupant.
- Be aware of hazards in your environment, such as narrow doorways, steps, household appliances, children's toys, etc.
- Maintain proper balance at all times. Users should not move their centre of gravity out of the seating area or reach further than their arm's length.
- Always lock the brakes before getting into or out of the wheelchair.
- Ensure that fingers and objects do not get caught in the wheel spokes or any other moving parts, during use and assembly.
- Do not place the wheelchair near a heating source, as it may cause surface temperatures to increase.
- Do not use the wheelchair near ignition sources such as cigarettes, matches, fireplaces etc.
- Ensure that good health and safety practice is used for lifting and carrying the wheelchair.
- Replace the tyres when significantly worn or damaged. Contact Drive DeVilbiss Healthcare Ltd for approved replacement parts.

Any serious incident that has occurred in relation to the device should be reported to the manufacturer and the MHRA or competent authority of your Member State. Please quote the product code and serial number, on all correspondence.

5. PARTS DESCRIPTION



6. PREPARING FOR USE

A risk assessment must also be performed to assess suitability of the device for the user. This assessment should include, but not be limited to:

- Small adults (and children)
- Users (and attendants) who lack capacity
- Very active occupants
- Unauthorised access to the wheelchair

Attendants are responsible for determining that they are both mentally and physically capable of using the wheelchair with minimal risk of harm.

7. UNFOLDING THE WHEELCHAIR

To unfold the wheelchair, hold the armrests and move them apart, so that the seat base starts to unfold.



Press down on the edges of the seat base to fully unfold the wheelchair.



8. HALF-FOLD SEAT BACK

With the wheelchair fully unfolded, lift up both the push handles so that the buttons click into the holes in the frame, on both sides of the wheelchair.



To drop the half-fold seat back, press on the push button whilst lowering the push handle. Repeat for the other side of the seat back.



9. FITTING THE SEAT COVERS

With the wheelchair fully unfolded and the seat back upright, attach the seat base and back covers to the seat frame, with the Velcro strips.

Ensure that the covers are securely held in place.

10. FITTING & ADJUSTING THE FOOTRESTS

Fitting the Footrests

To fit the footrests, position the C-shaped bracket against the outside of the wheelchair frame and then lower the peg into the hole in the top of the frame.

Lift the handle and rotate the footrest so that it faces forwards. Release the handle so that the locking pin drops into the hole and secures the footrest in position.

Lower the footplate and ensure that the heel strap is positioned correctly to support the user's foot.

Repeat for the other footrest.



Rotating the Footrests

To rotate the footrests to the side of the wheelchair, lift the handle so that the locking pin disengages and allows the footrest to be rotated.



Adjusting the Footplate Height

It is important that the footrests are set at the correct height for the user, to ensure optimum comfort.

The height of the footplate can be set to three different heights. To adjust the height of the footplate, remove the bolt that secures the footplate to the footrest frame. Adjust the footplate accordingly and then refit the nut and bolt to secure the footplate in place.

Ensure that both footplates are set at the same height.



Removing the Footrests

To remove the footrest, lift up the handle so that the locking pin disengages. Rotate the footrest through 90° and then lift the footrest up away from the wheelchair frame.

11. BRAKE OPERATION

Attendant Running Brakes

To slow down the wheelchair, squeeze the brake levers on the push handles to operate the brakes. Release the brake levers to allow the wheels to freewheel.



Attendant Parking Brakes

The parking brakes can be applied using the levers on the push handles or the levers next to the rear wheels.

To apply the parking brakes using the levers on the push handles, first squeeze the levers to apply the brakes. Then push back the locking latch, located on the front of the lever, so that it locks in place and keeps the brakes applied.

Ensure that the parking brakes are adequately applied.

To release the parking brakes, gently squeeze the levers on the push handles, so that the locking latches disengage and allow the brake levers to be released.



Parking Brakes (Self-propel model)

To apply the parking brakes using the levers on the frame, push the levers forwards so that the brakes lock on.

To release the parking brakes, pull the levers upwards.



12. QUICK-RELEASE WHEELS

Both the Transit and Self-Propel models have quick-release rear wheels.

To remove the wheel, press the button in the centre so that the locking pins retract and allow the wheel to be removed.

To refit the wheel, push the wheel fully into position, ensuring that the locking pins are holding the wheel in place.



12. TRANSFER & USE

Transfer

When transferring in and out of the seat, move the seats as close as possible to each other. Attendants should always engage the parking brakes during transfer and fold away the footrests. If required, attendants are responsible for being suitably trained and competent to lift occupants with minimal risk of harm. Good health and safety practice must always be used.

Propelling

Following the safety advice in Section 4, attendants should push from behind using the handgrips. Occupants can also push the rear handrims on the self-propel model. To slow down, apply reverse pressure to the push handles or handrims. When stationary, the parking brakes should always be applied.

13. STEEP TERRAIN, KERBS & STEPS

Steep terrain: These wheelchairs are not designed for use on gradients beyond 10°. When on a slope, avoid swerving or sudden changes in direction.

Over kerbs: Attendants push down on the stepper tube with a foot to raise the front castors (when mounting a kerb for example).



Caution

Do not lean or push down on the push handles, as this can damage the wheelchair.

To mount, approach the kerb head-on. The attendant uses the stepper tube to raise the front castors and then lower the front castors onto the raised kerb. Then push the wheelchair forwards, lifting it up slightly to mount the kerb, if required.

To go down, align the front castors with the kerb edge. Using the stepper tube to keep the castors raised, tip the user slightly back and slowly lower the wheelchair down the kerb.



Warning

When going down a kerb, the front castors must be raised to prevent the user from falling out. The above are only recommendations and may not be suitable for all events.

Multiple steps: The wheelchair is not designed to mount staircases, so may require carrying if no elevators or ramps are available. Attendants are responsible for being suitably trained and competent to lift the wheelchair with minimal risk of harm. Do not carry using the handles or any removable sections.

14. USING A WHEELCHAIR BELT

Belts are often used to restrain wheelchair occupants during normal use. However, belts are not necessary parts of this device. Any belts used should be adjusted to suit each user. When fastened, they should be tight without causing discomfort or undue pressure. Belts may not be suitable for all users. Seek professional medical advice before using a wheelchair belt.

15. FOLDING & STORAGE

This wheelchair is easily foldable to minimise storage space required. The footrests may either be folded up and swung outwards, or removed (see Section 10). The seat back can be folded down (see Section 8).

To fold the wheelchair, first separate the Velcro on the bottom of the seat back cover from the seat base cover. Locate the straps at the sides of the seat and pull upwards on them and the wheelchair should naturally fold up.

Adopt the latest health and safety recommendations when lifting.

Store in a dry environment, away from direct sunlight with the parking brakes on.

Note: The wheelchair may be folded and stored in a motor vehicle.



Caution

Take care not to trap body parts in gaps whilst folding the wheelchair.

16. SPECIFICATION

Model Number	ULMGWCSP	ULMGWCTS
Manufacturer Code	MG-012F	MG-012FA
Dimensions (Max.)	680 (w) x 1020 (l) x 935 (h) mm	650 (w) x 1000 (l) x 945 (h) mm
Folded Dimensions	230 (w) x 665 (l) x 750 (h) mm	310 (w) x 660 (l) x 740 (h) mm
Rear Wheel	Ø555 x 27mm (22 x 1")	Ø330 x 40 mm (13 x 1½")
Front Castor	Ø150 x 30 mm (6" x 1¼")	Ø150 x 30 mm (6" x 1¼")
Seat Width & Depth	445 x 390 mm	445 x 390mm
Seat Height	490 mm	490 mm
Maximum User Mass	115kg (18 stone)	115kg (18 stone)
Product Weight (Max.)	10.35 kg	9.15 kg
Product Weight (Min.)	6.0 kg	5.7 kg

17. CLEANING & DISINFECTION



Caution

The use of neat bleach, abrasive products or similar surface cleaners is not recommended, as damage may be caused to the cleaned surfaces.

PPE must be worn during cleaning and disinfection to prevent the risk of infection.

Care should be taken not to leave any cleaning residues on the handgrips or brake levers, which may leave them slippery when used.

It is advisable to remove the seat covers and any other attachments from the wheelchair.

General Cleaning:

- Use a regular household cleaner and a damp cloth. Start with the cleanest parts of the wheelchair and systematically move to the dirtiest parts.
- Extra care should be taken around areas where excess dirt or dust may gather. The cloth should be changed during the cleaning process if it becomes soiled.
- Wipe down with a clean cloth, moistened with a mild detergent and diluted in warm water (40°C).
- Rinse with cold, clean water and a clean cloth and allow to dry fully before use.

Disinfection:

- Mop up any fluid with paper towels.
- Clean the wheelchair using the instructions provided in 'General Cleaning'.
- Wipe all surfaces of the wheelchair with a disinfectant (e.g. 70% IPA solution).
- Allow contact time and wipe with a clean cloth or rinse, in line with the manufacturer's instructions for the disinfectant.
- Allow to dry fully before use.

18. CARE AND MAINTENANCE

- Store the wheelchair in a dry place and ensure that it is clean and dry before storing.
- Ensure the wheelchair is kept clean in line with the instructions provided in this instruction manual.
- Check moving parts (e.g. wheels and castors) regularly for obstruction. All moving parts should move freely.
- Ensure the brakes are functioning correctly. When the levers are squeezed or locked, the two rear wheels should not be able to turn. If the brakes loosen over time, tighten the brake adjustment mechanism and retest the brake levers before use.
- All fasteners (screws, nuts and bolts) should be securely tightened and checked regularly.
- Check the front castor wheels swivel freely. Withdraw the wheelchair from use, if not.

If maintained correctly, the wheelchair has an expected service life of 5 years.

Drive DeVilbiss Healthcare Ltd recommends that the wheelchair is serviced annually by a suitably qualified person. Contact Drive DeVilbiss Healthcare or your local supplier for approved spare parts.

19. DISPOSAL

When the wheelchair, or any associated packaging reaches the end of its useful life, follow local recycling policies for disposal.

When unpacked for the first time, the cardboard boxes used for the packaging can be recycled at recycling centres.

The wheelchair consists of magnesium, steel and plastic components. Individual parts can be separated and disposed of according to the material.

20. WARRANTY

There is a comprehensive twelve-month warranty from the date on which your new wheelchair is delivered. The warranty covers the wheelchair for repairs or replacement during this period. For more detail, please see the warranty conditions below:

1. Any work or replacement part installation must be carried out by an authorised dealer / service agent.
2. To apply the warranty, should your wheelchair require attention, please contact the outlet from which you purchased the wheelchair.
3. Should any part of the wheelchair require repair, or full or part replacement, as a result of a manufacturing or material defect within the warranty period, parts will be supplied free of charge. Note: The guarantee is not transferable.
4. Any repaired or replaced parts will be covered by the balance of the warranty period on the wheelchair.
5. Parts replaced after the original warranty has expired will be covered by a three month warranty.
6. Consumable items supplied will not generally be covered during the normal warranty period unless such items require repair or replacement clearly as a direct result of a manufacturing or material defect. Such items include (among others) upholstery and tyres.
7. The above warranty conditions apply to brand new wheelchairs. To check whether your wheelchair is covered, contact your dealer.
8. Under normal circumstances, no responsibility will be accepted where the wheelchair has required assistance as a direct result of:
 - a. the wheelchair part not having been maintained in accordance with the manufacturer's recommendations.
 - b. failure to use the manufacturer's specified parts
 - c. the wheelchair or part having been damaged due to neglect, accident or improper use.
 - d. the wheelchair or part having been altered from the manufacturer's specification or repairs having been attempted before the dealer is notified.

In the event of your wheelchair requiring attention, please contact your service agent / dealer and give all relevant details so they can act quickly. This warranty is issued free of charge by the manufacturer to the original retail purchaser of the device. This does not affect your statutory rights.



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Drive DeVilbiss Healthcare Ltd. provide these instructions for use and product markings.

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