



Ardea One wheelchairs INSTRUCTION MANUAL

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REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND
OF THE COUNCIL of 5 April 2017 concerning medical devices

1. CODES

- CP100x-xx** Series **START** 60 cm wheels - **Self-Propelled**
CP103x-xx Series **START2** 60 cm wheels - **Self-Propelled**
CP104-xx Series **START3** 60 cm wheels - **Self-propelled, double cross, double hole**
CP105-xx Series **START3 GO!** 30 cm wheels - **Foldable double cross, double hole transit model**
CP500x-xx Series **GO!** 30 cm wheels - **Transit**
CP505-xx Series **GO!2** 30 cm wheels - **Foldable double cross transit model**

(x = means that the model is available in several colours;
xx = indicates seat size)

2. INTRODUCTION

Thank you for purchasing a **ARDEA ONE** wheelchair by Moretti S.p.A. product range. This user's manual provides some suggestions as how to correctly use the product you have chosen and gives some valuable advice for your safety. Please read the whole manual carefully before using the product. In case of queries, please contact your retailer for advice and assistance. In case of doubts, we recommend to contact the dealer who can help and advice you properly.

Note: check that any part of the wheelchair has not been damaged during the shipment.
In case of damage/s don't use the product. Contact your dealer for further instruction.

3. INTENDED USE

This wheelchair is designed for the mobility of people with mobility problems and can be used for self-propelling (if equipped with big rear wheels) or with the aid of an operator. In all cases, however, the intervention of an operator is required for the various adjustments you need.

WARNING!



- Do not use the product for a purpose not indicated in this manual
- Moretti S.p.A declines all responsibilities for any consequences resulting from an incorrect use of this product and from unauthorized alteration to the frame of the product
- The manufacturer reserves the right to change the information contained in this document without notice

4. DECLARATION OF CONFORMITY

Moretti S.p.A. declares under its sole responsibility that the product made and traded by Moretti S.p.A. and belonging to the group of ARDEA ONE WHEELCHAIRS complies with the provisions of the regulation 2017/745 on MEDICAL DEVICES of 5 April 2017.

For this purpose, Moretti S.p.A. guarantees and declares under its sole responsibility what follows:

1. The devices satisfy the requirements of general safety and performance requested by the Annex I of regulation 2017/745 as laid down by the Annex IV of the above mentioned regulation.
2. The devices ARE NOT MEASURING INSTRUMENTS.
3. The devices ARE NOT MADE FOR CLINICAL TESTS.
4. The devices are packed in NON-STERILE BOX.

5. The devices belong to class I in accordance with the provisions of Annex VIII of the above mentioned regulation.
6. Moretti S.p.A. provides to the Competent Authorities the technical documentation to prove the conformity to the 2017/745 regulation, for at least 10 years from the last lot of production.

Note: Complete product codes, the manufacturer registration code (SRN), the UDI-DI code and any references to used regulations are included in the EU declaration of conformity that Moretti S.p.A. releases and makes available through its channels.

5. GENERAL WARNING

- **DO NOT** use this product or any available optional equipment without first completely reading and understanding this instruction manual. If you are unable to understand the warnings, cautions or instructions, contact a healthcare professional, dealer or technical personnel before using this equipment otherwise injury or damage may occur.
- Consult your physician or therapist to determinate the correct adjustment and the correct use of the wheelchair.
- Keep the packed wheelchair away from heat sources.
- **SERVICE LIFE**- the wheelchair limit usage is defined by the wear of non-replaceable parts.
- **ALWAYS** keep hands and fingers clear of moving parts to avoid injury.
- **DO NOT** allow children to play on or operate the wheelchair.
- Close the wheelchair as explained in this manual and lift it up from handles.
- **DO NOT** attempt to lift the wheelchair by any removable parts.
- The user and/or the patient will have to report any serious accident that have occurred related the device to the manufacturer and appropriate authority of the State which the user and/or patient belongs to.

6. SYMBOLS

	Product code
	Unique Device Identification
	Serial number
	CE mark
	Manufacturer
	Batch Lot
	Read the instruction manual
	Medical Device
	Conditions of disposal
	Max loading weight

7. GENERAL DESCRIPTION

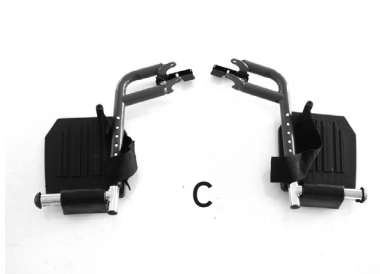
7.1 Parts view

The components can change depending on the model you choose:

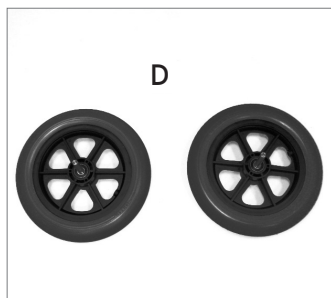


A - Frame

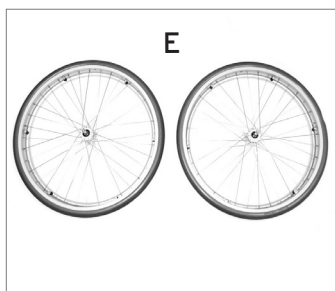
B - Wrenches kit for assembling



C - Swing away legrest



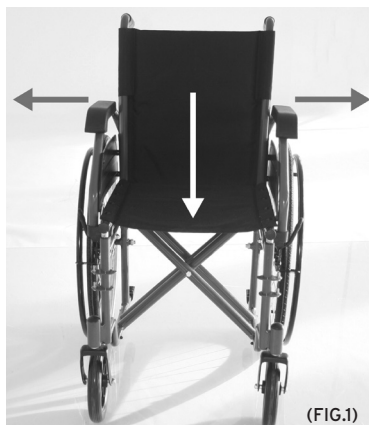
D - 30 cm casters
(diameter 30 cm) Transit model



E - 60 cm Wheels
(diameter 60 cm) Self-propelled model

8. ASSEMBLING/DISASSEMBLING

8.1 Opening



Note: make reference to safety cautions in this manual

- Get the handles and pull outward, then press the seat until the wheelchair is completely open (FIG.1)

8.2 Closing



- Lift powerfully the seat and close the wheelchair. Push the handles close (FIG.2)

8.3 Install/remove the armrest

CP100x-xx / CP103x-xx / CP104-xx / CP105-xx / CP500x-xx / CP505-xx



Images for illustrative purposes only

- Place the armrest rear side into the rear docking, then hook them into the front by overturning them (FIG.3)
- To remove, unlock the armrest by pushing the front release lever, then overturn them and extract by pulling the rear release lever (FIG.4)

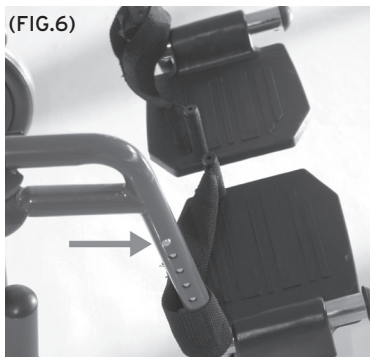
8.4 Install/remove the swing away or elevating legrest



- Assembly the swing away or elevating legrest by installing the hinge plates on the footrest onto the hinge pins on the wheelchair frame. Push the legrest toward inside of the wheelchair until it locks into place (FIG.5)
- Remove the legrest by pushing the legrest release lever, rotate outward, lift the legrest off the hinge pins

8.5 Adjust the swing away legrest

(FIG.6)



- To adjust the length of the footrest, unlock the safety lever, unlock the rear safety lever, then press the push button, slide the tube until the desired hole, then relock the safety lever. (FIG.6)

EN

8.6 Adjust the elevating legrest (OPTIONAL)



- To adjust the length of the footrest, unlock the safety lever, unlock the rear safety lever, then press the push button, slide the tube until the desired hole, then relock the safety lever. (Fig.7) (rif.P)
- Adjust the tilt pulling outward from the legrest tube, push the lever (FIG.7 (rif.L), to bring back zero the tilting degree

8.7 Install/remove the 30cm wheels (only for GO!)

Place the caster into the hole on the wheelchair frame

Wheels with fixed axle (only for GO!)



- Place the small wheel and block it with the nut
- To remove the wheel, unscrew the nut and remove the small wheel

Image for illustrative purposes only

8.8 Adjust the brakes with 30cm wheels (only for GO!)

EN



(FIG.9)

- When the 30 cm wheels are installed, place the brake as (FIG.9)

Note adjust the brake device so that it can make the right pressure to securely lock the wheel

Images for illustrative purposes only

8.9 Installation/removal of large rear wheels (only for START/START2 and START3) The 60 cm diameter rear wheels must be positioned in the centre hole on the frame, and in the top hole between the 2 on the START3 (CP104-xx)



(FIG.10)

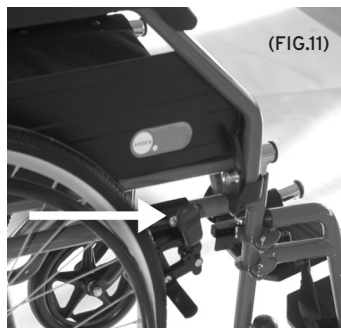
Only for quick release wheels (only for START2 and START3)

- Remove the plastic cap and push the wheel until it locks into the place (FIG.10)
- Remove the wheels: push the button on the centre of the wheel, and extract the wheel (FIG.10)

Only for wheels with fixed axle (only for START)

- Place the big wheel and block it with the nut
- Unscrew the nut and remove the big wheel

8.10 Adjust the brakes with 60cm wheels (only for START, START2 and START3)



(FIG.11)

- When the 60 cm wheels are installed, place the brake on the milling. Lock the device by tightening the Allen wrenches (FIG.11)

Note adjust the brake device so that it can make the right pressure to securely lock the caster

9. BEFORE USE

- Inspect the frame for any damage. Check the tubing from cracks and rust, in order to guarantee the safety for people and things
- Check the correct assembly, in order to guarantee a safe use
- Check the seat is completely open. If not push the seat down from the lateral frame.
- Check the brake correctly works

10. USING WARNINGS

- The wheelchair can not be used as seat in motor vehicles
- Be sure that the brake is always well placed and working
- Is recommended to take care about the fingers entrapment in some parts (like wheels and brakes) during the normal usage
- Note that the wheelchair surface temperature can increase when exposed to external heat sources, such as sunlight

11. HOW TO USE

Note: make reference to “GENERAL WARNINGS” chapter



WARNING!

- Getting in and out of the wheelchair may be performed independently, provided you have a adequate mobility and upper body strength
- Do not stand on removable parts

DO NOT STAND ON THE FOOTRESTS WHEN GETTING IN OR OUT OF THE WHEELCHAIR, OVERTURNING RISK!!!

11.1 Get in the wheelchair

1. Position the wheelchair as close as possible to you
2. Engage wheel locks . We suggest to remove the armrest to ease the patient getting in the wheelchair
3. Lean on the frame with arms and slowly go down towards the seat

11.2 Get out of the wheelchair

1. Position the wheelchair as close as possible along side the seat to which you are transferring
2. Engage wheel locks. We suggest to remove the armrest to ease the patient getting out of the wheelchair
3. Shift body weight into seat with transfer

11.3 Stairs and height difference



WARNING!

The following methods must be used only from experienced patients. If you are not experienced, let you help from an assistant!

GET ON

Position the wheelchair at the curb to be crossed. Balance the wheelchair on the rear wheels, in order to lift the front wheels, enough to lean them on the obstacle. Bend your trunk forward and vigorously push the handrail. Continue pushing until the rear wheels are climbing over the obstacle.

GET OFF

To get off the stair follow the reverse procedure, positioning the rear side of the wheelchair at the curb, keep the handrails vigorously and get off the obstacle slowly; then balance the wheelchair on the rear wheels in order to raise the front wheels and to complete the descent.

**WARNING!**

We recommend to use this method only in presence of obstacle lower than 10cm!

11.4 Use the armrest

The armrest can be flip back, detachable or flip back and detachable

Flip back - this feature is useful when you have to get in or out of the wheelchair.

Push the release lever then turnover the armrest

11.5 Use the 60cm wheels

The rear 60cm wheels are used when self-propelled.

Grasp the handrail and wheel through the desired direction

11.6 Use the 30cm wheels

The rear 30cm wheels are used when wheelchair is driven by an assistant through the handles

11.7 Use the narrow casters (only on models with quick release wheels)

The safety wheels are used to cross narrow spaces (elevator, etc.)

To use the safety wheels remove the rear 60cm wheels

11.8 Carrying

The wheelchair has been designed to be easily carried.

Once the armrest and the footrest are removed, can be closed and easily positioned in the car boot, for example. If this is not possible, position the wheelchair in front of the car rear seat so that it is stable and cannot slip or slide. Lock the wheelchair with the seatbelt

12. MAINTENANCE

The **ARDEA ONE** devices by Moretti are checked carefully and supplied with EC mark, once launched on the market. For patient and physician's safety we recommend to let check the device by the manufacturer or by laboratory authorized every 2 years. In case of repair use only original spare parts. Before using follow the "**BEFORE USE**" chapter.

Moretti **ARDEA ONE** wheelchairs require few elementary and periodic maintenance, below we list the checks to be carried out periodically:

braking capacity	monthly
seat cleaning	as needed

13. CLEANING AND DISINFECTION

13.1 Cover and padding

The cover and padding are in Nylon. Clean with warm water and mild soap.

13.2 Frame and metallic parts

Clean with warm water and mild soap. Dry with a soft cloth in order to not scratch the painting.

EN

13.3 Brakes and wheels

Clean the wheels with warm water and mild soap. Pay attention in drying the wheels, it's dangerous use the wheelchair with wet wheels.

13.4 Disinfection

if you need to disinfect the device use a common disinfectant cleaner

Note: do not use solvent and abrasive product

14. CONDITIONS OF DISPOSAL

In case of disposal don't use the inserting container for municipal waste. We recommend to dispose the wheelchair in the appropriate disposal areas for recycle.

15. SPARE PARTS/ACCESSORIES

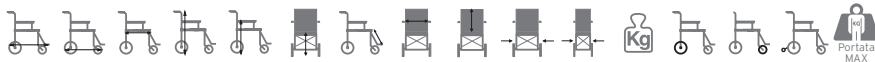
For spare parts only refer to MORETTI master catalogue

16. TECHNICAL FEATURES

16.1 Dimensions

DIMENSIONS AND WEIGHT

Measures in cm															
CPI00B-38								38		56					
CPI00x*-40								40		58					
CPI00x*-43	103	85	43	91	75	50	42-56	43	43	60,5	26	17,5	60	20	-
CPI00x*-45								45		63					
CPI00B-46								46		64					
CPI00x*-48								48		65					
CPI03x*-40								40		58					
CPI03x*-43								43		60,5					
CPI03x*-45	103	85	40	91	75	50	42-56	45	43	63	26,5	19	60	20	-
CPI03x*-48								48		66					
CPI03x*-50								50		68					
CPI04-40								40		58					
CPI04-43								43		60,5					
CPI04-46	103	85	40	91	75	50	42-56	46	43	64	26,5	19	60	20	-
CPI04-48								48		66					
CPI04-50								50		68					
CPI05-40								40		58					
CPI05-43								43		60,5					
CPI05-46	103	85	40	91	75	50	42-56	46	43	64	26,5	19	60	20	-
CPI05-48								48		66					
CPI05-50								50		68					

Measures
in cm

CP500x*-40							40		58						
CP500x*-43							43		61						
CP500B-45	103	75	43	91	73	50	42-56	45	63	26	15	30	20	-	120
CP500B-46								46	64						
CP500B-48								48	65						
CP505-40								40	58						
CP505-43								43	61						
CP505-45	103	75	43	91	73	50	42-56	45	63	26	15	30	20	-	130
CP505-48								48	65						
CP505-50								50	67						

* La "X" indica il colore. The dimensions may change $\pm 0,5$ cm.

16.2 Technical specifications

- **Steel frame**
- **Max weight for CP100x-xx, CP500x-xx:** 120 kg
- **Max weight for CP103x-xx, CP104-xx, CP105-xx, CP505-xx:** 130 kg
- **PVC front wheels CP100R-xx:** 20cm
- **PU front wheels CP103x-xx, CP104-xx, CP105-xx, CP500x-xx, CP505-xx):** 20cm
- **PU rear wheels CP100x-xx, CP500R-xx, CP104-xx:** 60cm PU
- **PU rear wheels CP105-xx, CP500-xx, CP505-xx:** 30cm PU
- **Fabric:** Nylon
- **Resistance to ignition:** the materials used for cover and padding have been treated with methods specified in Directive EN1021-1/2
- **Reference standards:** EN12183
- **Environmental temperature:** -20°C/+ 40°C
- **Storage:** store in a cool place, away from heat sources, such as sunlight (suggested temperature between +10°C and +40°C)

17. WARRANTY

Moretti products are guaranteed from material or manufacturing faults for 2 years from the purchasing date, except possible exclusion or restriction as follows. The warranty shall not be applied in the possible damages caused by improper use, abuse or alteration, and for the warranty will not be valid if the instructions for use are not strictly adhered to. The correct intended use is specified in this manual. Moretti is not responsible for consequent damages, personal injuries or whatever caused by or in relation to mistaken installation or improper use. Moretti warranty does not cover damages resulting from: natural disaster, not authorized maintenance or repairs, faults caused by problems on electricity supply (when necessary), use of spare parts not covered by Moretti, improper use, alteration not authorized, shipment damages (different from original Moretti shipment), or in case of insufficient maintenance as indicated in the manual. The warranty doesn't cover components subject to wear and tear during the correct use of the device.

17.1 Repairing

Warranty repair: If a Moretti item presents material or manufacturing faults during the warranty period, Moretti will confirm with customer if the fault can be cover from warranty. Moretti, at its unquestionable discretion, can repair or replace the item, by a Moretti dealer or to Moretti headquarters. Labor cost can be charged to Moretti if the repair is covered by warranty. A repair or a replacement doesn't extend the warranty.

Repair not cover by warranty: A product out of warranty can be sent after Moretti authorization. The labor and shipping costs for good out of warranty are to be paid by the customer or by the dealer. The repairs are guaranteed for 6 months from the good received.

Non defective device: The customer will be informed if, after the device return and examination, Moretti declares that the device is not faulty. In this case the good will be sent back to customer, the shipping charge will be to be paid by the customer.

17.2 Spare parts

The original Moretti spare parts are guaranteed for 6 months from the receiving date.

17.3 Exempt clauses

Moretti does not offer any other declaration, explicit or implicit warranty or conditions, including possible declarations, warranties or conditions of merchantability, fitness for a specific purpose, non infringement and non interference, all but what expressly specified in this warranty. Moretti does not guarantee the nonstop and faultless usage. The duration of possible implicit warranties which can be imposed by the law is limited by the warranty period, in the limits of law. Some states or countries don't allow limiting the implicit warranty or the exclusion or the limitation for accidental damages. In such countries, some of those exclusions or limitation may not be applied to the user. The present warranty may be modified without prior notification.



WARRANTY CERTIFICATE

Product _____

Purchased on (date) _____

Retailer _____

Address _____ Town/city _____

Sold to _____

Address _____ Town/city _____



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