



## ARDEA ONE WHEELCHAIR

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## INSTRUCTION MANUAL

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CE I Class Medical Device

REGULATION (EU) 2017/745 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL  
of 5 April 2017 concerning medical devices**1. CODES**

<b>CP100-xx</b>	Series <b>START</b> 60 cm wheels - <b>Self-Propelled</b>
<b>CP102-xx</b>	Series <b>START1</b> 60 cm wheels - <b>Self-Propelled</b>
<b>CP110-xx</b>	Series <b>NEXT</b> 60 cm wheels - <b>Self-Propelled</b>
<b>CP115-xx</b>	Series <b>NEXT GO</b> 30 cm wheels - <b>Transit</b>
<b>CP200-xx</b>	Series <b>DUAL</b> 60 cm wheels - <b>Self-Propelled</b>
<b>CP205-xx</b>	Series <b>DUAL GO</b> 30 cm wheels - <b>Transit</b>
<b>CP300-xx</b>	Series <b>PLUS</b> 60 cm wheels - <b>Self-Propelled - Heavy duty</b>
<b>CP310-xx</b>	Series <b>PLUS GO</b> 30 cm wheels - <b>Transit - Heavy duty</b>
<b>CP500-xx</b>	Series <b>GO!</b> 30 cm wheels - <b>Transit</b>
<b>CP520-xx</b>	Series <b>GO UP!</b> 30 cm wheels - <b>Transit</b>
<b>CP620-xx</b>	Serie <b>SKINNY</b> 50 cm wheels - <b>Narrow spaces</b>
<b>CP625-xx</b>	Series <b>SKINNY GO!</b> 30 cm wheels - <b>Transit - Narrow spaces</b>
<b>CP880-35</b>	Series <b>KIDDY</b> 56 cm wheels - <b>Self-Propelled</b>

(XX =Refers to size available for each wheelchair model ex. 38-40-43-45-46-48-50-55-60 cm)

**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 through the manual carefully before using the product. Should you have any 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 all parts for shipping damage and test before using. In case of damage, do not use the device. 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 MANUAL WHEELCHAIRS - ARDEA ONE 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 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

- For correct use of the device, carefully refer to the following manual
- For correct use of the device always consult your doctor or therapist
- Keep the packaged product away from any source of heat as the packaging it is made of cardboard
- The useful life of the device is determined by the wear of non-repairable and / or replaceable parts
- Always pay close attention to the presence of moving parts which could cause limb entrapment and personal injury
- Always pay attention to the presence of children
- Do not lift the wheelchair by removable parts which could accidentally come off during lifting
- The user and / or the patient must report any serious accident occurring in relation to the device to the manufacturer and to the competent authority of the State in which the user and / or the patient is established.

#### 6. SYMBOLS



Product code



Batch Lot



Medical Device



Unique Device Identification



CE mark



Read the instruction manual



Manufacturer



Conditions of disposal

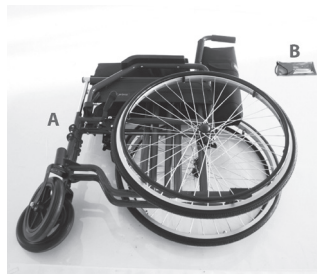


Serial Number

## 7. GENERAL DESCRIPTION

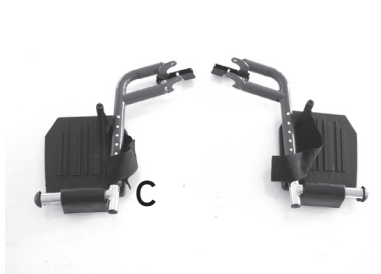
### 7.1 Parts view

The components can change depending on the model you choose:

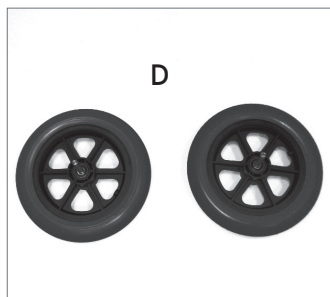


A - Frame

B - Wrenches kit for assembling

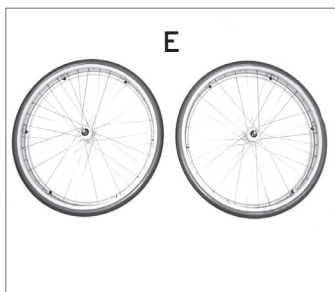


C - Swing away legrest



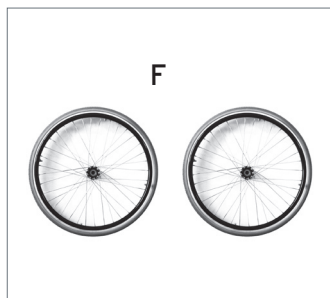
D - 30 cm casters

(diameter 30 cm) transit model



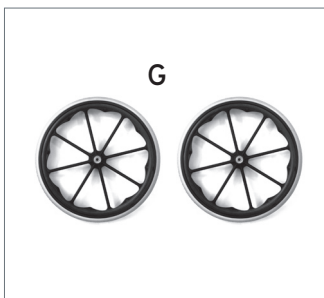
E - 60 cm Wheels

(diameter 60 cm) Self-propelled model



F - 50 cm Wheels for small spaces

(diameter 50 cm) Self-propelled model

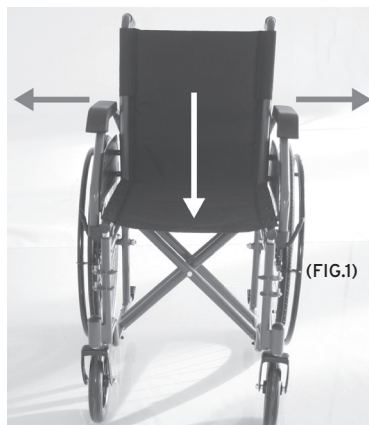


G - 56 cm Wheels - Kids model

(diameter 56 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

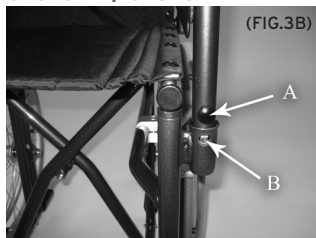
CP100-xx / CP102-xx / CP110-xx / CP115-xx / CP500-xx / CP520-xx / CP880-35



## CP300-xx / CP310-xx / CP200-xx / CP205-xx



## CP620-xx / CP625-xx



A - Push button  
B - Pin for stop

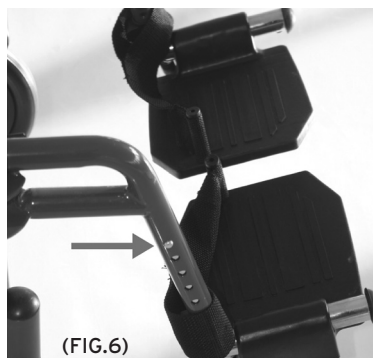
- Place the armrest rear side into the rear, then hook them into the front by overturning them (Fig.3, FIG.3A)
- Insert the tubes in their supports triggering properly locking clip (FIG. 3B)
- To remove, unlock the armrest by pushing the front release lever, then overturn them and extract by pulling the rear release lever (Fig.4, Fig.4A)
- For removal press the release button (A) and then lift to up (FIG. 3B)

## 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 in ward, rotate outward, lift the legrest off the hinge pins

### 8.5 Adjust the swing away legrest



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

### 8.6 Adjust the elevating legrest (OPTIONAL)

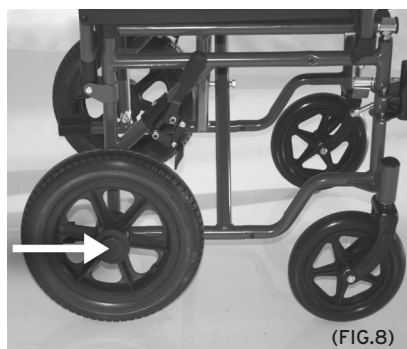


- To adjust the length of the footrest, unlock the safety lever at the bottom on the left side, then press the push button, slide the tube until the desired hole, then relock the safety lever. (Fig.7) (Rif.P)
- Adjust the legrest height by pushing the lever (Fig.7) (Rif.L), and release to lock at the desired height

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### 8.7 Install/remove the 30cm wheels (only for NEXT, DUAL and SKINNY)

Place the caster into the hole on the wheelchair frame



#### Only for quick release wheels

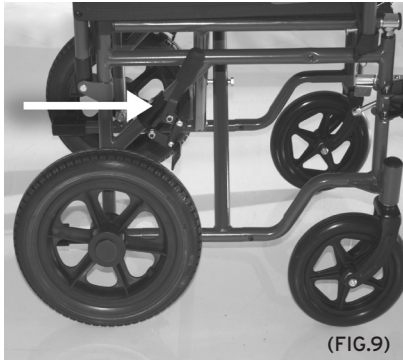
- Remove the plastic cap and push the wheel until it locks into the place (FIG.8)
- Remove the wheels: push the button on the centre of the wheel, and extract the wheel (FIG.8)

#### Only for wheels with fixed axle (only for SKINNY)

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



### 8.8 Adjust the brakes with 30cm wheels (only for NEXT, DUAL and SKINNY)



- When the 30 cm wheels are installed, place the brake on the milling. Lock the device by tightening the Allen wrenches (FIG.9)

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

### 8.9 Install/remove the 60cm wheels (only for NEXT GO, DUAL GO and SKINNY GO)

Place the wheel into the central hole on the wheelchair frame



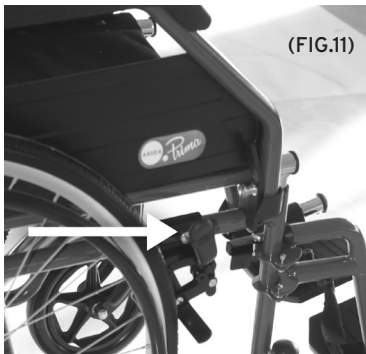
#### Only for quick release wheels

- 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 (SKINNY GO)

- 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 (just for DUAL GO)



- 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**

- Check the mechanical parts usage, in order to guarantee a safe use of the device for people and things
- Assure all the parts are correctly assembled. Checking carefully the correct assembling of the rear wheels
- Assure the brake handles are well regulated
- Check the seat is completely open. If not push the seat down from the lateral frame.

**10. WARNING FOR A CORRECT USE**

- Do not use the wheelchair as seat for vehicle
- Assure the brake handles is duly adjusted and correctly works
- Avoid entrapment of finger into wheels or brakes during the wheelchair use
- The wheelchair temperature increase if exposed to the sun for long period

**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 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.

Gasp the handrail and wheel through the desired direction

**11.6 Use the 30cm wheels**

The rear 30cm wheels are used when wheel chair 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 can't be 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.

### 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

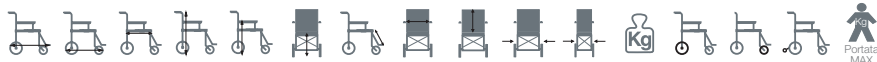
### 16.1 Dimensions

#### DIMENSION AND WEIGHT

																
CP100-38								38		56						
CP100-40								40		58						
CP100-43	113	83	43	90	74	49	58	43		61	27	17,5	60	20	-	120
CP100-45								45		63						
CP100-46								46		63,5						
CP100-48								48		65						
CP102-38								38		56						
CP102-40								40		58						
CP102-43	113	83	43	90	74	49	58	43		61	27	17,5	60	20	-	120
CP102-45								45		63						
CP102-46								46		63,5						
CP102-48								48		65						
CP110-40								40		64						
CP110-43								43		67						
CP110-45	105	81	43	90	73	49	56	42		69	26	18,5	60	20	-	150
CP110-46								46		69,5						
CP110-48								48		71						
CP110-50								50		74						

CP200-38							38		58						
CP200-40							40		60						
CP200-43							43		63						
CP200-45	113	81	42	90	71	49	59	41	65	29	17,5	60	20	4	150
CP200-46							46		65,5						
CP200-48							48		68						
CP200-50							50		70						
CP300-50							50		73						
CP300-55	118	90	48	92	76	52	59	41	78	32	26	60	20	-	200
CP300-60							60		83						
CP620-40							40	37	51	26	16,5	50	18	-	110
CP620-43	100	73	41	92	80	53	47	43	54						
CP880-35	94	74	36	86	62	42	38	35	37	56	31	14,5	56	15	100

## DIMENSION AND WEIGHT



CP115-40							40		53						
CP115-43							43		56						
CP115-45							45		58						
CP115-46	98	75	41	92	76	50	56	43	58,5	25	18,5	30	20	-	150
CP115-48							48		61						
CP115-50							50		63						
CP205-38							38		52						
CP205-40							40		54						
CP205-43							43		57						
CP205-45	104	76	42	90	71	49	59	41	59	25	17,5	30	20	4	150
CP205-46							46		59,5						
CP205-48							48		62						
CP205-50							50		64						
CP310-50							50		63						
CP310-55	104	77	48	92	70	52	59	39	68	30	26	32	20	-	200
CP500-40							40		55						
CP500-43							43		58						
CP500-45	94	70	42	92	72	48	54	43	60	26	17,5	30	20	-	120
CP500-46							46		60,5						
CP500-48							48		63						
CP520-40							40		55						
CP520-43							43		58						
CP520-45	99	73	42	93	72	48	52	42	60	26	17,5	30	20	-	150
CP520-46							46		60,5						
CP520-48							48		63						
CP625-40							40	37	51	26	16,5	30	18	-	110
CP625-43	88	61	41	92	80	53	47	43	54						

\*The dimensions may change  $\pm 0,5$  cm

## 16.2 Technical specifications

- **Steel frame**
- **Max weight for CP100, CP102, CP500: 120 kg - for CP110, CP115, CP200, CP205, CP520: 150 kg - for CP300, CP310: 200 kg - for CP620, CP625: 110 kg - for CP880-35: 100 kg**
- **Front wheels:** 20cm PU
- **Front wheels (kids model):** 15cm PU
- **Rear small wheels:** 30cm PU
- **Rear big wheels:** 60cm PU
- **Rear big wheels (kids model):** 56cm
- **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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