

Flyte 90



by **IGO**

USER MANUAL

PRODUCT CODE **WC01060.BLU**

CareCo (UK) Ltd, Hubert Road, Brentwood, Essex, CM14 4JE

INFORMATION

Thank you for purchasing a wheelchair from I-GO. This I-GO wheelchair has been designed and manufactured to meet our own high standards and specifications. We hope you are happy with your purchase.

Please ensure you read this manual carefully. It contains important information on the safe use and maintenance of your I-GO wheelchair.

Your I-GO wheelchair requires frequent maintenance. While much of this can be done yourself, we recommend that you have your wheelchair inspected once per year by an expert.

Please note: We are continuously improving the quality and reliability of our products, and therefore reserve the right to amend this manual without proper notification.



Suggestion:

Information



Warning:

Follow these instructions to avoid personal injury

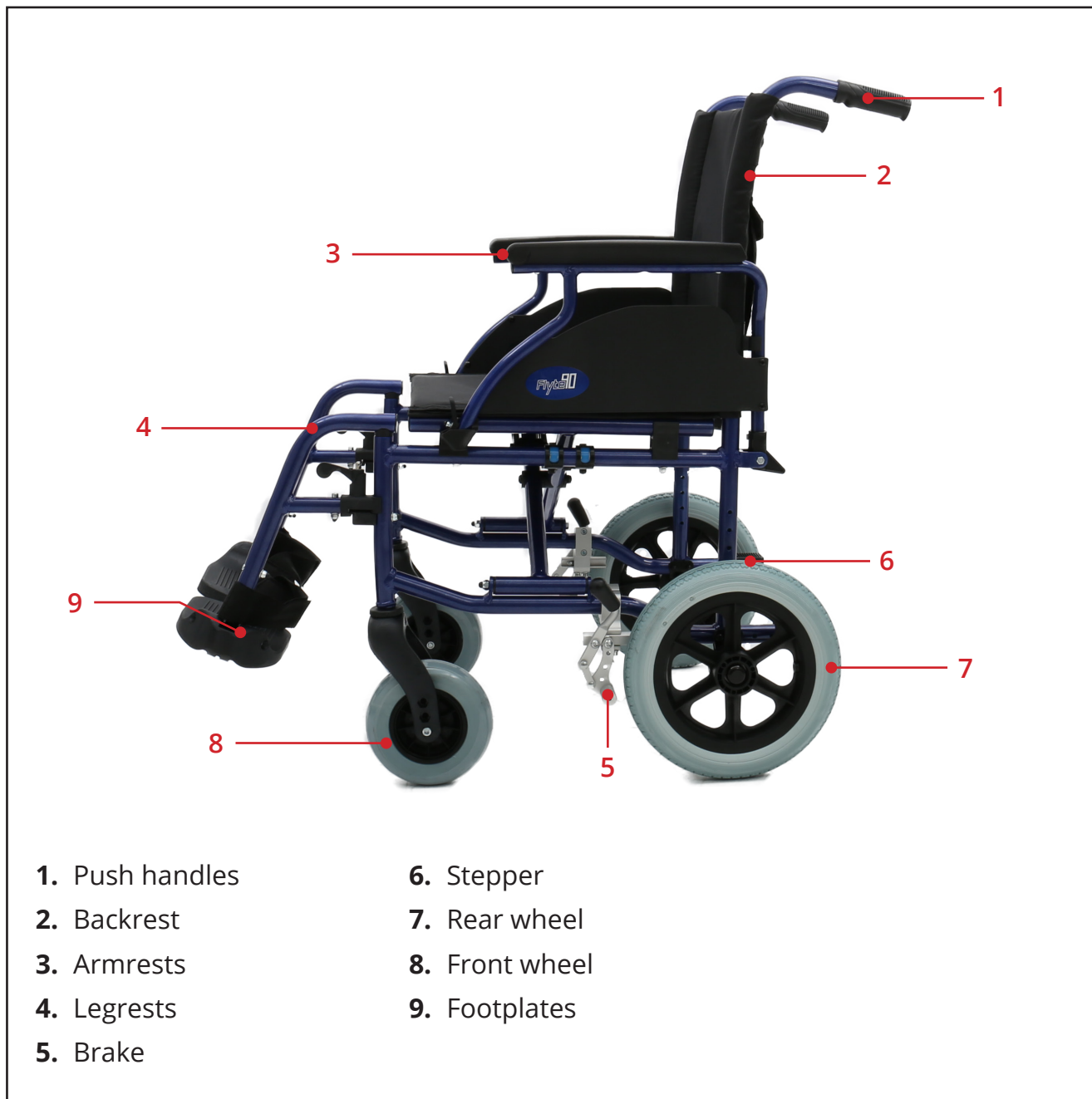
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1. GENERAL OVERVIEW OF YOUR WHEELCHAIR

1.1 Components of the wheelchair

You should be aware of each of the elements and parts that make up your wheelchair before you continue reading this manual. Please note: Specifications and designs may be changed without prior notice.



Your wheelchair is equipped with a number of elements and parts. You should know these before continue reading this manual. Designs and specifications may change without prior notice.



1. GENERAL OVERVIEW OF YOUR WHEELCHAIR

1.2 Explanation of the function and possibilities of your wheelchair

This I-GO wheelchair is a lightweight basic wheelchair, equipped with handles to help your attendant push the wheelchair if necessary. The armrests of this wheelchair can be folded away, the leg rests can be swung away to the side and can be removed. The footrests fold upwards to help with folding the wheelchair. The foot plates are height adjustable. The wheelchair is fitted with 7" front wheels and 12" rear wheels. The rear wheels can be removed using the quick-release system.

2. SAFETY REGULATIONS

I-GO disclaims any responsibility for any injury or property damage which occurs as a result of any use which does not comply with laws or ordinances. When used correctly this I-GO wheelchair is a safe and stable product. However, incorrect use can result in injury to the user or damage to the wheelchair.

2.1 General safety guidelines

Check your I-GO wheelchair regularly. Dangerous situations can occur when a part of your wheelchair is not functioning properly.

Warning

To guarantee safe use, ensure your wheelchair is kept in good working condition.

2.2 Warnings for safe use

Warning

- » Not following the instructions in this manual may result in damage to the wheelchair or injuries to the user.
- » Avoid travelling on roads with the wheelchair. Use pavements where possible.
- » Do not take the wheelchair on wet and slippery surfaces or surfaces with little grip, or on rough terrain or sand.
- » Do not use the wheelchair if any of the parts or elements of the wheelchair are not functioning correctly.
- » This wheelchair is not suitable as a seat in a motor vehicle.

2. SAFETY REGULATIONS

- ⚠ » Leaning over the back of the wheelchair can result in tipping the wheelchair over.
- » When leaning or reaching forward, place yourself against the backrest with the castors facing forwards.
- » Do not drive directly into curbs.
- » Do not attach anything to the wheels. This can damage the wheelchair, affect the balance of the wheelchair and cause injury to the user.
- » Take notice of the maximum weight capacity (see section 4.1 Technical specifications).
- » The footrests should have a minimum ground clearance of 7cm from the ground for suitable protection from obstructions.
- » Do not stand on the footrests. This will cause the wheelchair to tip over and could cause injury to the user.



Figure 01

- » Engage the brakes and make sure the wheelchair is on a stable, flat surface before transferring to or from the wheelchair.
- » Unauthorised modification, or the use of parts not supplied by I-GO, will invalidate the warranty and can lead to damage to the wheelchair or injury to the user.



3. USER INSTRUCTIONS

It is recommended that you consult a doctor or therapist for assistance in developing safe and effective techniques for using this wheelchair in accordance with your daily activities and physical capabilities.

3.1 Safety tips

Getting off the wheelchair, reaching and bending while in the wheelchair will cause a change in weight distribution and in the centre of gravity of the user and the wheelchair. The advice below will help the user to safely carry out these movements.

Transferring

Transfers to and from a wheelchair can be difficult. We recommend consulting your physical therapist to develop a suitable technique. If you have sufficient body strength, we recommend the following technique for safe transfers:

To get out of the wheelchair:

Make sure the wheelchair is as close as possible to the place you want to transfer to. Face the castors forward and engage the brakes. Swing away the footrests and place your feet flat on the ground. Shift your weight to the front of the wheelchair, using the armrests for support if you need to. You can now carry out the transfer. (You can also use a transfer board for safe and comfortable transfers.)

To get in the wheelchair:

Reverse the instructions above to safely get in your wheelchair.

Reaching:

We recommend asking for assistance to pick something up, as reaching can cause an extreme change in weight distribution and centre of gravity.

3. USER INSTRUCTIONS

3.2 Negotiating pavements and uneven surfaces

Going up the pavement:

A wheelchair attendant can help the user in two different ways. We recommend using the first method.

1. The user and attendant face towards the pavement. The attendant must pull the handles towards him and place his foot on the stepper, located on the rear of the wheelchair between the wheels. This creates a leverage effect.



2. The attendant stands on the pavement. Make sure the wheelchair is positioned with the rear wheels as close to the pavement as possible. The user then leans backwards, causing the wheelchair to tip backwards. The attendant should make sure the front wheels are on the pavement before slowly lowering the wheelchair.



Warning

Do not drive directly into curbs to get up on to a pavement.

Going down the pavement:

Move the wheelchair to the curb. The user leans back and the attendant tilts the wheelchair to find the balance point. When the wheelchair is balanced, the attendant should move the wheelchair slowly off the curb. The attendant should only lower the front wheels back to the ground when the wheelchair is completely off the pavement.



3. USER INSTRUCTIONS

3.3 Going up and down ramps

Inspect the ramp for slippery areas or uneven surfaces before attempting to travel on it.

Warning



Do not carry weight on the rear of the wheelchair when ascending a ramp. This changes the balance and increases the risk of tipping.

Make sure the footplates have a minimum ground clearance of 7cm to avoid catching the end of the slope.

3.4 Going up and down stairs

Two attendants are needed for a wheelchair user to climb stairs. The attendants should assess the total weight to be moved before carrying out this manoeuvre.

Going up the stairs

Face the wheelchair away from the bottom of the stairs, with one attendant at the front and one attendant at the back. The attendant at the back grabs the push handles and tips the wheelchair back until it is balanced. The attendant at the front now holds the side frames of the wheelchair. The attendant on the front pushes the side frames up until they are above the first step. The attendant at the back rises to the first step. Repeat this technique until at the top of the stairs. Only lower the front castors to the ground when the attendant at the front has taken the last step.

Going downstairs

Face the wheelchair forwards. The rear attendant tips the wheelchair until it is balanced. The front attendant supports the wheelchair by holding the side frames. Guide the wheelchair slowly down each step.



Warning

Always hold a part of the main frame of the wheelchair. Do not lift by the push handles, armrests or footrests.



Warning

Any adjustments made to the wheelchair can increase risk of injury or damage to the wheelchair. Adjustments made by the user are carried out at the user's own risk.



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

This chapter explores the possibilities of the wheelchair. All settings and user instructions will be listed.

4.1 Technical specifications

Item	Measurement
Total length	110 cm (incl. footrests)
Total width	63 cm
Total height	96 cm
Total weight	17 kg
User weight	maximum 135 kg
Seat width	45 cm
Seat depth	43 cm
Seat height	49 cm
Back height	45 cm

4.2 Folding and unfolding the wheelchair

Folding the wheelchair:

- » See image 01 to see the footrests in an unfolded position. Fold the footrests upwards (image 02) before folding the wheelchair. Image 03 shows the footrests folded upwards.
- » Loosen the back of the seat, which is attached using Velcro (image 04). This separates the backrest from the seat of the wheelchair.
- » Pull the middle of the seat at the front and back (image 05).
- » The wheelchair should now be folded as shown in image 06.



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —



Image 01



Image 02



Image 03



Image 04



Image 05



Image 06



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

Unfolding the wheelchair:

- » Stand in front of the wheelchair.
- » Press on the seat tubes (image 07) to expand the wheelchair.
- » Make sure the wheelchair is folded correctly by standing in front of the wheelchair and pushing the seat tube as far as it will go (image 08).
- » The footrests can now be unfolded (image 09).



Image 07



Image 08



Image 09

4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

4.3 Use of the push handles

The push handles of the I-GO Flyte90 are ergonomically designed (see image 10) to give your attendant a comfortable and safe grip.



Image 10

4.4 Use of the armrests

The armrests of the Flyte90 wheelchair fold backwards.

- » Image 11 shows the armrests in their normal position.
- » To fold the armrests, push the black lever (image 12) down, as shown in image 13.
- » You can now fold the armrests down as shown in image 14.
- » The armrests will not fold further than what is shown in image 15.
- » To replace the armrest, push the armrest into the fixing point. A click will be heard when the armrests are fixed in place.

4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —



Image 11



Image 12



Image 13



Image 14



Image 15



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

4.5 The backrest

The backrest of the I-GO Flyte90 is attached to the tubes of the push handles. It is not adjustable and cannot be removed.

4.6 Using the brake

Using the brake is recommended when getting on/off the wheelchair, and when leaving the wheelchair parked.

- » Image 17 shows the wheelchair without the brake applied.
- » Push the lever forward as shown in image 18. The brake will now be applied.



Image 17

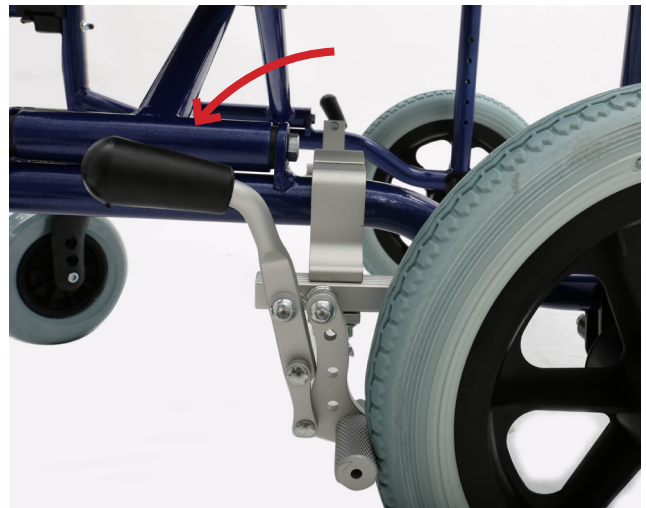


Image 18

4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

4.7 Use of the leg rests

The leg rests of the I-GO Flyte90 are both foldable and removable. Image 20 shows the leg rests attached to the wheelchair. Follow the below instructions to fold the leg rests away and remove them.

- » Pull / push the black lever to the side, as shown in image 22.
- » The leg rests can now be pulled out (image 23).
- » Pull the leg rests upwards to remove them.
- » To replace the leg rests, turn them until you hear a click. The click confirms that the leg rests are attached.



Image 20



Image 22



Image 23



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

4.8 Use of the footplates

The footplates are attached to the leg rests and can be folded and adjusted in height.

Folding the footplates upwards:

- » Image 24 shows the wheelchair with the footplates in their normal position.
- » Fold the footplates by pushing them upwards, as shown in image 25.
- » Image 26 shows the footplates in their folded position.

Adjusting the footplate height:

- » Use a wrench to loosen the nut, as shown in image 27.
- » Adjust the height to the desired setting and tighten the nut.



Image 24



Image 25



Image 26



Image 27



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

4.9 The frame

The I-GO Flyte90's frame is based on the coating principle, designed to be extra firm. The cross-frame also provides additional rigidity to the chair, as shown in image 28.



Image 28

4.10 The steppers

The Flyte90 is equipped with two steppers, as shown in image 29. These should be used by the attendant to apply extra force when an incline is to be undertaken with the wheelchair.



Image 29



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

4.11 The wheels

Check the front and rear wheels regularly for wear.

Front wheels:

The front wheels of this wheelchair are 7" in diameter and fastened by a front fork to the frame of the wheelchair (image 30). The front wheels help the wheelchair to steer in the right direction. If steering is difficult or the front wheels are vibrating, you should check that the wheels are properly set and/or adjusted.



Image 30

Rear wheels:

The rear wheels of the wheelchairs are 12" PU tyres. The rims of the wheels allow the user to propel the wheelchair. The rear wheels can be removed using the quick-release system:

- » Press the black button, as shown in image 31.
- » Remove the wheel, as shown in image 32.



Image 31



Image 32



4. INSTRUCTIONS FOR USE AND MOUNTING OPTIONS —

4.12 The seat

The comfortable material of the seat allows you to sit for extended periods in the wheelchair.



Image 33

5. TRANSPORT AND TRANSIT IN A CAR —————

The I-GO Flyte90 wheelchair is easily transported by car. The wheelchair folds to a total width of 30-35cm. The swing away detachable footrests also help with transportation, as do the removable rear wheels.



Warning

Never sit in your wheelchair while it is being transported in a car.



6. MAINTENANCE

Keep your wheelchair in good working condition by having it checked regularly. We recommend you have your wheelchair checked at least once a year.

Here are some things you can do yourself to keep your wheelchair in good condition.

6.1 Tyres

Check the tyres regularly for wear and replace them as needed.

PU tyres: PU tyres are commonly used on wheelchairs as they do not need to be inflated and are puncture-proof. However, PU tyres can wear out. Check the tread on the tyres regularly.



Warning

Under inflation of the tyres can cause malfunctioning in the brakes.

6.2 Brakes

Before checking the brakes, ensure tyre pressure is correct.

Inspect both brakes for sharp rims. If sharp rims are present, the brakes should be replaced. Ensure all parts of the brake are in the correct position and fastened securely.

- » Make sure the mechanism is working smoothly. If the mechanism is stiff, apply some oil at turning points with one or two drops of WD40 oil or Teflon. Remove surplus oil and dirt.
- » Make sure the brakes do not contact the wheels when the wheelchair is moving.

6.3 Cross frame

The cross frame is the basis of your wheelchair. Make sure it is in good condition at all times.

- » Check the wheelchair can be easily folded and unfolded.
- » Check the wheelchair travels in a straight line while moving.
- » Ensure the cross frame is not bent and shows no signs of wear.

If any of the above problems are noted, contact a qualified I-GO dealer.



6. MAINTENANCE

6.4 Rear wheels

Adjusting the rear wheels improves the stability of the wheelchair.

- » Ensure the wheels can move freely without touching any part of the wheelchair frame.
- » Ensure there is no margin on the rear wheels.

6.5 Front wheel and front castor fork

The front wheel and front castor fork should move and turn freely. This ensures a smooth ride.

Check that the nut of the front fork is not too loose or too tight.

- » If the nut is too loose, the wheels will rotate but the ride will be uncomfortable.
- » If the nut is too tight, the wheelchair will be difficult to steer.

When the nut is correctly in place the front wheel should stop slowly.

If one of the exceptions noted above occurs, or if an adjustment is necessary, contact a qualified I-GO dealer.

6.6 Upholstery

Check the upholstery of the wheelchair regularly. Torn or worn upholstery will fail to support the maximum user weight and may lead to injury.

- » Check the textile coating for worn spots and holes.
- » Ensure the upholstery-mounting grommets are aligned and secure.



6. MAINTENANCE

6.7 Cleaning

Cleaning your wheelchair regularly will keep it in good working condition.

- » Clean the upholstery, chassis and plastic components with mild soap and water regularly. Do not use abrasive cleaners as they can damage the varnish. Do not use steam or high-pressure cleaners.
- » Wax the varnish of the chassis regularly. Do not use solvents, caustic chemicals, abrasive waxes or spray silicone.
- » Always dry the wheelchair after cleaning or whenever it gets wet.



Suggestion

Car shampoo will also clean and protect your wheelchair.

6.8 General maintenance instructions

Every week:

- » Check tyre pressure.

Every month:

- » Check the folding and unfolding mechanisms of the wheelchair.
- » Check the 'quick-release' mechanism on the rear wheels.
- » Check that the brakes are functioning correctly.

Every three months:

- » Check all bolts, screws and nuts. Tighten if necessary.
- » Check spokes for correct tension.
- » Check tyre tread for wear.

7. TROUBLESHOOTING

Your I-GO wheelchair is built to be used immediately. Continual use necessitates regular maintenance, particularly when factory settings have been altered.

Consult the following troubleshooting guide for a list of common problems and suggested fixes.



Suggestion

We recommend only using I-GO replacement parts. Not using original I-GO parts can void the warranty.

SYMPTOM

Looseness in chair	Chair squeaks or rattles	Castor flutter	Wheelchair feels heavy	Sluggish turning	Chair veers left	Chair veers right	POSSIBLE CAUSE AND CORRECT SOLUTION
▶	▶	▶		▶			Check all nuts and bolts are tightly stuck.
		▶		▶	▶	▶	Rear wheels and/or castors may be adjusted improperly. Make sure both rear wheels and castors are mounted in identical positions.
			▶				Check for wear on the bearings.
		▶		▶	▶	▶	Castor forks may be adjusted improperly.
▶			▶	▶	▶	▶	Castor forks may be adjusted improperly.



8. WARRANTY

Products are to be fit for purpose and of excellent quality and performance. For valid warranty claims I-GO will, at their discretion, replace / repair / refund items mutually agreed to be defective.

The wheelchair's warranty is as follows:

- » Frame and durable parts: One year limited warranty
- » Warranty Exclusion: The following non-durable items are not covered by warranty

- *Wheel Tyres / Arm Pads*
- *Seat Cushion*

Any damage or defect of any nature occurring from the misuse, abuse of the product, improper operation or improper storage is not covered. The warranty starts from the date of arrival of our products.



9. NOTES

9. NOTES



*Flyte***90**

