

Get to know your bike –

THE COMPACT RCYL MANUAL



RCYL
by igus®

Dear customer,

Thank you for choosing an RCYL bike! With this innovative plastic bicycle, your ride is sustainable and you're making a statement for environmental protection and recycling!

If you follow these safety instructions and care tips, you will enjoy your new bike for a long time.

If you have questions about maintenance, inspection or repairs, you can reach us by e-mail at:
de-rcyl@igus.net



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Imprint

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Technical data

THE GEN A



MATERIAL:
Fork and frame:
50% recycled plastic

PLASTIC COMPONENTS:
igus®

DISC BRAKES:
front and back



Equipment

Frame:

RCYL, plastic, 50% recycled

Suitable body height:

approx. 165cm to approx. 195cm

Wheel size:

27.5"

Number of gears:

1

Handlebar-stem yoke unit:

RCYL, plastic, 50% recycled

Handlebar width:

650mm

Brakes:

Disc brakes, mechanical, custom

Handles:

RCYL

Saddle:

Ergon

Seat post:

RCYL, plastic, 10 adjustment options

Crank:

RCYL, motion plastics

Pedals:

RCYL, motion plastics

Toothed belt:

Gates CDN 122

Pulleys:

RCYL, motion plastics, 46 to 21 teeth

Tyres:

50-584

Wheel:

RCYL, motion plastics, 50% recycled

Headlights:

spanninga, with battery

Rear light:

AXA, with battery

Bicycle stand:

RCYL, plastic

Mudguard:

SKS, plastic

Permissible total weight:

120kg
(body weight + bike + equipment)

Weight:

17kg



Safety instructions

FOR YOUR RCYL

Your **RCYL** is suitable for riding on paved surfaces, such as tarmac roads and cycle paths, where the wheels remain in constant contact with the ground. Jumps, riding on one wheel or braking where the rear wheel loses contact with the ground should be avoided.

Before the first ride:

- Familiarise yourself with the brakes and remember which lever brakes the front wheel and which brakes the rear wheel. Operating the front brake too hard can lead to a rollover.
- Check the points stated under "Before each ride".

Before every ride:

- Check the tyres and make sure that they have the correct air pressure and sufficient tread
- Check the brakes and make sure that they are working properly
- Test the strength of cranks, pedals, brakes, handles, seat post and saddle
- Make sure that the lights (front and rear lights) are working

During the ride:

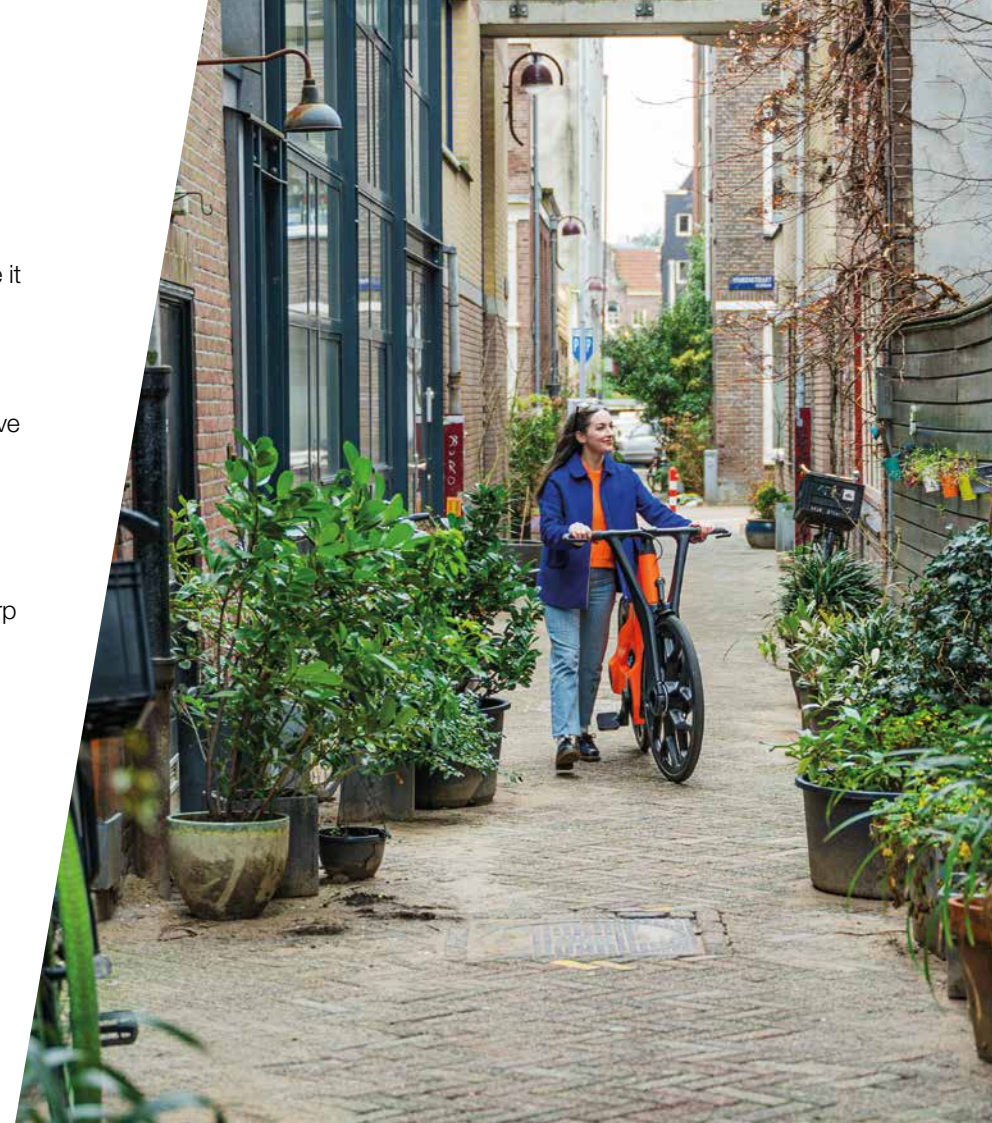
- Follow the traffic rules of the country you are in
- We recommend wearing a suitable cycle helmet
- Reflective clothing or accessories increase your visibility
- We recommend a defensive attitude while you're cycling
- Pay attention to your surroundings to avoid accidents

After the ride:

- Leave your **RCYL** in a safe place and secure it with a high-quality bike lock
- Check all nuts and bolts regularly and make sure they're tight
- Clean your **RCYL** regularly to avoid excessive wear and tear

Take care in bad weather conditions:

- Adjust your cycling style in rain, snow or ice
- Avoid sudden braking manoeuvres and sharp bends



Maintenance and care

Only use original spare parts or parts recommended by **RCYL**. Have your **RCYL** checked once a year at one of our service centres or by our mobile bike service. You can find these on our homepage. If you have questions, please don't hesitate to contact us by e-mail:

de-rcyl@igus.net

CHECK AT REGULAR INTERVALS:

Tyres and hoses:

- Check the tyre pressure and make sure it doesn't exceed 3bar.
- Check the tyres for cracks, cuts and wear. Please have damaged or worn tyres replaced immediately by our service department.

Brakes:

- Check the brake pads and brake discs for wear. Have them replaced by our service if necessary.
- Make sure that the brake cables are well tensioned and not frayed. Contact our service if required.

Regular cleaning:

- Clean your bike regularly with water and a mild detergent.

Screws:

- Tighten all screws regularly
- We recommend the use of a torque wrench

Recommended tightening torques for the screws of the following components:

Pedals: 1.5Nm
Cranks: 2.5Nm
Brakes: 3Nm
Front axis clamps: 2.5Nm
Upper handlebar: 5Nm
Seat post clamps: 3.5Nm
Brake discs: 7.5Nm
Seat post bracket: 1.75Nm
Rear axis moving end: 3.5Nm
Stand plate: 1.5Nm
Rear mudguard: 1Nm



In the event of deviations from the recommended tightening torques, possible damage **cannot** be ruled out.



Operating the lighting system

Front light

To switch it on, press and hold the button on the back once (for approx. three seconds).

Press and hold the button again to switch it off.

If the button flashes, the batteries should be replaced soon. It requires two AA batteries.

Rear light

To switch it on, press the button on the underside once. To switch it off, press the button once. Thanks to the auto-off function, the rear light switches off automatically after five minutes without movement. The battery indicator flashes orange when the batteries need to be replaced.

Requires two AAA batteries.



Adjusting the disc brake

With mechanical disc brakes, a brake cable connects the respective brake levers to the front and rear disc brakes. The lever stroke increases due to wear of the brake pads. This gives the brake levers more play, the pressure point shifts towards the handlebars and the braking power slowly decreases.

To compensate for this, you can readjust the extended stroke by turning the tension adjustment screw (see Diagram A on the following page) anti-clockwise. If this is not sufficient, loosen the fastening screw (see Diagram B on the following page) for the brake cable and tighten the cable. Then tighten the screw again.

Please check beforehand whether the thickness of the brake pads is still sufficient. This should not be less than 1mm.



A
Tension adjustment screw

B
Fastening screw

Disposal

RETURNING YOUR RCYL

Your **RCYL** is designed for a long service life to be as sustainable as possible. If you do want to dispose of it at some point, you can hand it back to us. The purchase price includes a €50 credit note, which you will receive when you return your RCYL.

We want to set a circular economy in motion and recycle your old RCYL. We use the recycled material to make parts for a new RCYL - closing the cycle.

If you have any questions, please don't hesitate to contact us by e-mail:

de-rcyl@igus.net



RCYL
by igus® & mtrl

ENJOY
YOUR RCYL -
RCYL YOUR LIFE!

