



New **HELIUM**[®] Generation

Helium Generation 2013
Helium Pro

ULTIMATE
PERFORMANCE



New **HELIUM**[®] Generation

The new Helium Generation innovates again with new materials and technologies to achieve the ultimate performance in an extremely strong, rigid and even lighter chair.



ULTIMATE PERFORMANCE

Impressive driving performance; easy rolling, quick and direct reactions to minimal effort in a strong and durable chair. Easy handling and a high level of adjustability on top of that.

This is what the new Helium Generation 2013 and Helium Pro are all about.

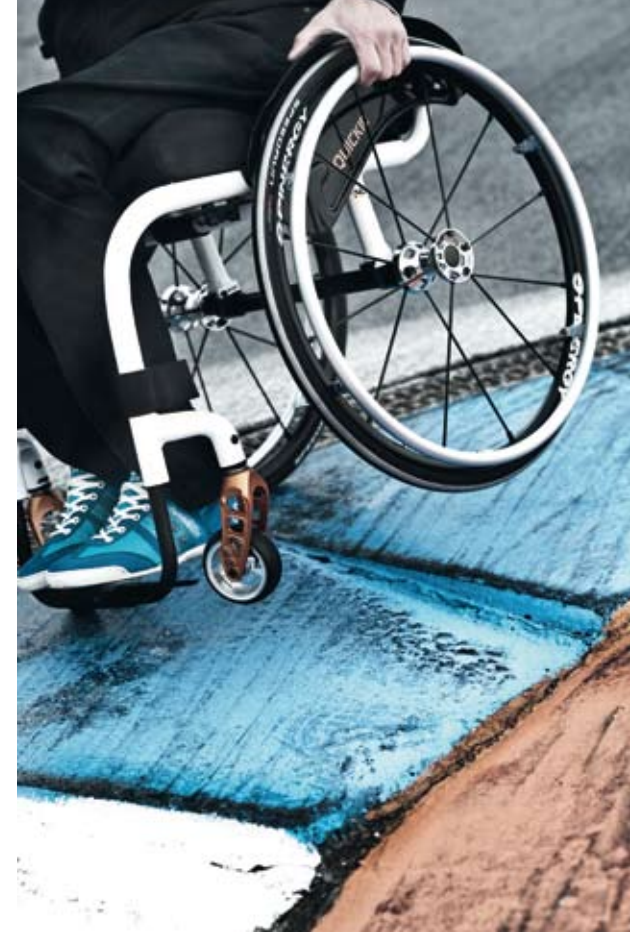
Helium – the most innovative wheelchair on the market. It is designed and engineered from the latest ultra-light, formed aluminium technology, custom moulding and high-tech options. Now with increased rigidity and strength thanks to the new oval tube backrest and cross tube designs.

You are very active! So is your Helium!

Wherever you are, whatever you do, wherever you go...you can always count on your Helium.



Oval tube designs applied now also used in the **backrest** and **cross tube** make the Helium even stronger, more rigid and efficient.



> **Extremely Strong and Durable**

Wherever you want to go, your new Helium is ready for you. Life without Limits!

A person is seen from behind, sitting in a racing wheelchair on a paved track. Their arms are extended horizontally to the sides. The wheelchair has a white seat with 'QUICKIE' written on it and a white waist strap with 'HELIUM' written on it. The person is wearing a black jacket and dark pants. In the background, a white car is visible on the track, and the sky is overcast.

Ultimate Lightweight

The new ultra lightweight materials and options make your Helium lighter than ever before.

ULTIMATE LIGHTWEIGHT

With new highly innovative ultra light materials, the Helium can weigh less than **3.8kg** (Helium Pro) without its quick release wheels. Lifting and transporting your Helium is no longer a challenge.

The new carbotecture® fork and new carbon fibre options such as the footplate and the axle tube mean that a complete Helium weighs from 6.0kg (Helium Pro) and from 6.4kg (Helium Generation 2013)

Helium offers the maximum performance with the full range of ergonomic adjustments to be fine tuned to your personal requirements. The Helium gives you the ability to cover large distances and manoeuvre with the minimum of effort or fatigue.

> Innovative Carbotecture® fork

Innovative carbotecture material provides high level of stiffness and rigidity while still being extremely lightweight. Available in three colours and four sizes.





ULTIMATE DESIGN

Helium's minimalist ultra modern design takes backstage and ensures you are in the limelight. Over 32 colours can be applied to your Helium components in almost any combination.



New options like the **one arm fork** or the **12 spoke spinerig wheels** make your Helium the most stylish and attractive wheelchair in the market.

The new compact front frame design gives your Helium a very impressive and smooth look. The frame is available in two lengths; standard and 2cm longer for improved stability and rolling performance. Now offered with 0cm, 1cm (new) & 3cm inset
Two possible castor housing positions with a standard version and a new small version which improves front accessibility during transfers and manoeuvrability in very tight places.

All options available for both; Helium Generation 2013 and Helium Pro versions.

HELIUM® Generation 2013



More Helium than ever

Helium innovates again with new materials and technologies. The new Helium Generation 2013 is more efficient, stronger and lighter than ever!



You are unique. So is your Helium.

The Helium Generation 2013 offers a wider range of options to individualise your Helium to fit your lifestyle. A complete range of lifestyle options, upholsteries in different colours make the look of your Helium uniquely yours.

With many lifestyle options such as the **new handbike axle**, **suspended castors (frog legs)** or the **sport anti-tip**, your Helium is ready to join your journey.

We would like to thank Francesca Porcellato (Gold medal in Cross-country skiing in Vancouver 2010) for her contribution to this brochure.

HELIUM[®] PRO



You know what you want.
You know what you need.
The Helium Pro is your choice.

The Ultimate Helium

Helium Pro is the fully welded frame version of the new Helium generation. The fixed welded backrest and axle plate provide the highest level of rigidity and the most efficient driving performance. All of this starts from an impressive weight of **just 6.0kg**.

Purist looks – the minimalistic design of the **Helium Pro** just follows your human body flow.



- > **Fully welded frame**
Extreme performance for the more demanding users



We would like to thank **Vico Merklein** (silver medal winner in handbike in London 2012) for his contribution to this brochure.



Ultimate Performance, lightweight and stylish

The latest technologies combined with innovative materials and stylish design. Pure Helium



New oval shaped back tube With ergonomic hand grip. Increased rigidity and improved ergonomics for easier lifting and transfer. Available in two depths for deeper positioning.



New Carbon fibre axle tube
New carbon fibre material, less weight, fantastic look



Lightweight compact wheel lock
Offers stronger and tighter fit combined with a minimum weight.



Carbon fibre footplate
Lightweight and stylish footplate with angle and depth adjustment.



Suspension
Sporty and lightweight suspension for a comfortable ride.



New clip style seat upholstery
Provides the minimal solution for adjustable seating. Now with tension adjustable straps.



Ultimate Adjustability and Individualisation

Fine-tune your Helium for a perfect adjustment to your individual needs, and find the options that suit your lifestyle. Wherever you want go your Helium will be ready for you!



Active anti-tip

Flip-up anti-tip that can be easily operated by the user.



New back upholsteries available:

New back upholstery colour and designs with increased comfort as well as a new zipper for storage.



New backrest angle adjustment bracket

Strong and easy to adjust from -31° to $+15^{\circ}$



Snoll-on

Snoll-on – extra large wheel for extreme terrains with quick and simple "slide-on/off" fixing mechanism.



One arm fork

Strong and modern design, for stylish and attractive look.



Handbike axle extension

Additional stability to use the Helium with the handbike.

Specification and Functional Choice



Max User Weight:	125kg (100kg for Proton wheels, clip style seat upholstery & oval shaped backrest)
Seat Widths cm:	32-46cm (in 2cm increments)
Seat Depths cm:	34-48cm (in 2cm increments)
Front Seat Height:	43-57cm (in 1cm increments)
Rear Seat Height:	37-50cm (in 1cm increments)
Forward Centre of Gravity:	Helium: Full 8.4cm sliding adjustment from 2.0 to 10.4cm Helium Pro: ± 1.0cm
Seat Width Inset:	0 cm, 1cm & 3cm (each side)
Lower Leg Length:	Sliding adjustment: 22cm to 52cm depending on configuration
Knee Angle:	100 or 92 degrees
Back Height:	25 to 45cm in 2.5cm increments
Back Angle:	-31° to +15° in 3.5° increments
Wheel Camber:	0°, 3° 6° and 9°

WEIGHTS:

**HELIUM
Generation 2013**

HELIUM PRO

PACK NEUTRON

Total weight from*: 8.9kg 8.5kg

Transport weight from:** 5.4kg 5.0kg

PACK PROTON

Total weight from*: 7.5kg 7.1kg

Transport weight from:** 5.1kg 4.7kg

PACK ELECTRON

Total weight from*: 6.4kg 6.0kg

Transport weight from:** 4.1kg 3.8kg

* Complete chair in 40cm seat width × 40cm seat length including wheels, footrest, brakes, skirt-guards and handrims without cushion or additional options.
Slight weight variations may occur with tyres, inner tubes and carbon skirt-guards.
Please note: Helium total chair weights are cautiously rounded up slightly as there are small variations in the weight of tyres, inner tubes, and carbon fibre.

** Complete chair as above without the Quick Release wheels for easy transport.

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