

Scan the barcode with your  
phone's camera to access the  
QUICKIE Nitrum online visualiser.

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ENERGY INTO MOTION

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*NITRUM*



NITRUN

Developing top performing wheelchairs that are made to provide you the highest level of independence is our passion for years. We are convinced that your wheelchair not only has to meet the highest quality standards, it should also be a symbol for your active and independent lifestyle.

All our knowledge and user feedback influenced the development of the Nitrum®. Not only stylish but lightest in its class and ultra-responsive to efficiently translate your energy into movement. This is how the Nitrum makes your everyday life more limitless.

With its striking design, latest innovations with new patents, smart details the Nitrum elevates your ride to a whole new level. You feel it.



rigidity



## DON'T COMPROMISE. WE DON'T DO IT EITHER.

For being the lightest without compromising stability and load ability, several components have to come together: innovative development work, leading-edge technology as well as high-level materials.

The minimalistic open frame design is made of a specially processed 7000 series aerospace aluminium. With its ovalized frame tubes (patented) and together with the new hollow forged castor link tubes, we minimise the total weight of the wheelchair and therefore the total mass that is crucial for your propulsion.

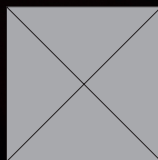
This leads to an ultra-stiff frame and a wheelchair that redirects your push directly into motion for an incomparable driving experience so that you can drive further and faster without getting tired.



We are convinced you deserve a wheelchair that meets your individual needs, therefore the Nitrum frame geometry is designed around the user.

Each frame is welded by hand in Germany. Various frame-angles (100°, 92°, 88°) and insets (0 mm, 10 mm or 30 mm per side) enable you to position your feet, lower leg and pelvis individually and in the best possible way for an efficient propulsion.

The individual, sophisticated positioning of the castor wheels ensures a long wheelbase for a smooth ride, but also a narrow front frame for optimized manoeuvrability.



Scan the barcode with your phone's camera to see the QUICKIE Nitrum in your own environment with the AR app.

adjustability



ultraight

NITRUM – LIGHTEST WEIGHT IN ITS CLASS.



## FIRST INTEGRATED LED LIGHTS WITH REMOVABLE BATTERY.

The NEW patented innovative castor link design not only impress with their sporty design and excellent driving characteristics, but also with a brilliant feature.

For the reinforced castor link tubes (design patent) we rely on a single hollow forged component in a matchless design instead of several welded parts. No moving parts give you an amazing driving performance – ultra lightweight yet strong, durable yet without compromising adjustability. An optimised castor position for each frame configuration ensures best handling, easy turning and maximised propulsion efficiency.

Integrated LED lights make sure to get you noticed in the dark and give your wheelchair a futuristic design. The LED lights are discreetly integrated into the castor link tubes. The composite housing is water- and shockproof and the control box including the Li-Ion battery can be easily detached for recharging.



# Life



## THE DETAIL MAKES THE DIFFERENCE.

With the new backrest brackets, made of forged aluminium, we separated the angle-adjustment and folding-mechanism. This re-design resulted in optimized function, less play and higher strength. It is not wearing out over time and convinces you with a fabulous seating comfort.

# E

EASY OPERATION IN A BREATH.



## NEW Patented Innovative Design – Twist Lock Release

The optional twist lock release for the backrest folding mechanism is made for easy one hand (twist to fold) operation in one single movement.

Standard on all backrest versions is a release bar (push-up to fold) for an ergonomic and quick release of the folding mechanism. You can also choose between a lightweight version of the backrest and our proprietary, stylish Freestyle backrest.



## New Compact Brake EVO - reliable locking, less weight

The completely redesigned compact brake EVO offers a transfer-friendly design, improved stability and durability and locks safely under all conditions.

Also available as lightweight compact brake EVO for more saving weight (180 g weight-saving).



## New Block-and-Tackle Seating System

Thanks to the block-and-tackle straps of the seat sling, you will need less force to tense the straps. Once tensioned, they remain taut for the best possible seat feeling even over a long period of time without wearing out.



## MAKE IT PERSONAL, MAKE IT YOURS.

Various options allow you to personalise your Nitrum to your individual needs. Choose between various eye-catching frame colours, attractive Floating Dots designs as well as backrest brackets, front castors and forks that are selectable in different colours for a unique look.

Or go for our choice of “superlight” options and choose between carbon composite castor wheels, titanium quick release axles or full carbon axle assemblies to lower your Nitrum’s weight to a minimum.

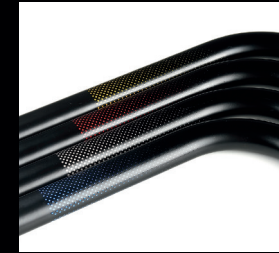




style



Freestyle back



Frame graphic  
Floating dots



Slim style sideguard



Castor fork, Carbotecture®



Handrims, Ellipse 3R, black



Empulse F55 bundling

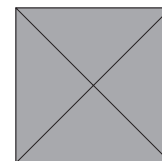


EXO PRO backrest sling



Castor fork, aluminum,  
one-arm

Use our online visualiser to create the **QUICKIE**  
Nitrum of your dreams!



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# TECHNICAL DATA

<b>Max. user weight</b>	125 kg
<b>Seat width</b>	320 - 500 mm (in 20 mm steps)
<b>Seat depth</b>	340 - 500 mm (in 20 mm steps)
<b>Front seat height</b>	430 - 570 mm
<b>Rear seat height</b>	370 - 500 mm
<b>Backrest height</b>	250 - 450 mm
<b>Backrest angle</b>	from -17,5° to +10°
<b>Total width</b>	SW +170/240/300/370 mm at 0°/3°/6°/9° camber and 25" wheels The total width can exceed 800 mm in certain configurations.
<b>Total length</b>	992 mm
<b>Total height</b>	1000 mm
<b>Max. pivot width</b>	695 mm
<b>Max. safe slope for use of parking brakes</b>	7°
<b>Frame versions</b>	rigid frame
<b>Frame angle</b>	100°, 92°, 88°
<b>Front wheel</b>	3", 4", 5", 6"
<b>Rear wheel</b>	24", 25"
<b>Wheelchair weight</b>	7,5 kg
<b>Dismanteled weight</b>	4,9 kg
<b>Mass of heaviest part</b>	2,1 kg
<b>Removable parts</b>	Rear wheels (for transportation)
<b>Frame colours</b>	32 colours
<b>Crash tested</b>	Yes (approved for transport in a vehicle according ISO 7176-19)
<b>Transport without user</b>	Fix the wheelchair firmly and securely in the vehicle (e.g. car or plane).
<b>Intended use and environment</b>	For people unable to walk and with limited mobility; inside and outside. Operation by user or assistant.



For further information on the full specification, options and accessories, please refer to the order form. All information is subject to change without notification. Please consult Sunrise Medical with any queries you may have. If you are visually impaired, this document can be viewed in PDF format at [www.SunriseMedical.eu](http://www.SunriseMedical.eu).



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