

 **MEYRA**[®]
GROUP



FEMTO R *fuse together*

Active wheelchair with rigid frame

 **MEYRA**[®]



VISION

fuse together



FEMTO R DESIGNED BY RAINER KÜSCHALL

Vision, focus, self-confidence and fulfilment.

Rainer Kuschall is a Swiss designer living with tetraplegia. Following an accident, he experienced wheelchair rehabilitation at first hand, before going on to become a pioneer in wheelchair manufacturing himself. One of his early frame designs was the first aid to be exhibited at the New York Museum of Modern Art. His vast expertise and his eye for every individual detail have gone into creating the compact active rigid-frame wheelchair, FEMTO R. Collaborating with Rainer Kuschall opens up new perspectives and novel approaches for us. Together, the team has developed a magnificent, new active wheelchair.



Information and video:
www.meyra.com/femto-r



FEMTO R

FOCUS



on you

MINIMALISTIC

Reduced to the essentials and focused on what really matters: your personality.

With its minimalistic rigid frame, the design of the FEMTO R comes across as very modern and distinct. A knee-angle ergonomic grip zone has been integrated, and the seat module almost floats above the frame, attached to the vertical strut with just four fixing points. The foot bar, too, picks up the design of the frame, offering a secure footing with an enlarged contact surface.





*"What does life mean? What is personality?
What counts is your being, your soul, your mind – nothing else matters." - Rainer Küschall -*

TRUST

yourself



Permissible
total weight
140 kg



Empty weight
ready to move
from 8.5 kg up

"When people see me, they should see me, not a wheelchair user."
- Rainer Kuschall -



IDEAL FRAME

The weight-optimised frame design delivers convincing stability and durability.

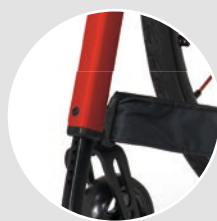
Thanks to hydroforming technology, the frame of the FEMTO R is extremely stable. In this process, the round aluminium tube is formed with a counter-mould and thereby reinforced. To ensure perfect running qualities at all times, the front frame including the castor wheels is directly connected to the drive wheels. In other words: front and rear wheel are permanently connected to each other, meaning that readjustment on the side panel and wheel adjustment are no longer necessary. The forged castor wheel connection follows the frame design and is equipped with concealed adjustment options.



Hydroforming frame



Concealed adjustment options



Calf strap mount

FEMTO R *fuse together*





SHINE

bright

SET IN SCENE

Put everything else in the shade!

The new frame design of the FEMTO R enables quick, individual adjustment of seat height and centre of gravity directly via the separated seat module. The trick here is that the seat module is only attached through four fixing points, which can be released very quickly and simply. This makes it particularly easy to adjust the front and rear seat heights. Various back and seat systems can be easily integrated on the seat module. A piping system enables the seat upholstery to be fastened without screws. A folding back with lock-in function is standard, and the back height can also be telescoped. An ergonomically shaped back tube ensures even better positioning.

ADVANTAGES OF THE VERTICAL STRUT

- + Perfect running qualities at all times
- + Easily customisable to the user via the seat module
- + No adjustment of the castor wheels, side panels or brake necessary

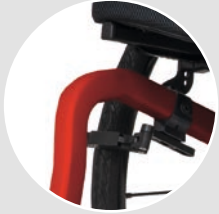


Seat depth
from 340 –
500 mm



Seat width
from 320 –
500 mm





Vertical strut at the front for adjusting seat height and as brake mount – concealed by the wheel



Vertical strut at the rear with concealed seat height adjustment and as side panel mount



Folding backrest onto the seat and backrest angle adjustment as standard



Adjustment options seat module
 1. FSH: front seat height
 2. RSH: rear seat height
 3. Center of gravity (tilting point)



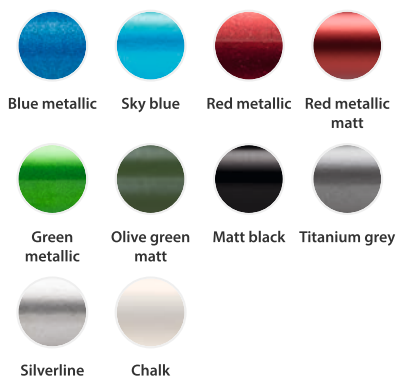
"With a wheelchair that's as simple and as functional as possible, you are the focus." - Rainer Küschall -



PICTURED: FEMTO R

MAKE IT

yours



STYLISH

A perfect aid is one that forms a radiant unit with you.

The FEMTO R also comes with a wide range of frame colors. So you decide on your look. The carbon side panel provides a special eye-catcher (optional).



MEDICAL CONDITIONS

The service-friendly FEMTO R is suitable for different medical conditions.

The new active wheelchair is ideal for initial and follow-up fittings. All adjustments can be carried out via the seat module. If necessary, the castor and drive wheel size can be adjusted. High-quality materials and the modular concept contribute to a long lifecycle. Individual components can be easily replaced. Optimised overall weight means that muscular disorders such as Becker muscular dystrophy can also be ideally treated.

USER PROFILE

- ✓ For permanent and long-term fittings
- ✓ For paraplegic fittings
- ✓ Very well suited for a wide range of medical conditions, including the severely afflicted
- ✓ For users with loss of lower extremity function (lateral transfer, hand rim propulsion)





BALDRICH MOUANDA

Warm, personable, and always a smile on his lips - that's Baldrich.

Paraplegia following an accident means that the young Austrian is dependent on a wheelchair. But Baldrich doesn't let that get him down. He remains positive and likes to present himself that way, too, with modelling counting among his hobbies. Whether in the gym or out partying in Vienna - Baldrich's cheerfulness is infectious. He's game for anything, as his best friend Daisy will tell you.

With its top-notch driving performance, the FEMTO R is ideally suited for Baldrich's everyday life, and at photo shoots, too, the active wheelchair puts him in the perfect light.

PICTURED: FEMTO R



SPECIFICATIONS

Dimensions in mm, weights in kg, wheels in inches, speeds in km/h, dimension tolerance ± 10 mm, data subject to design changes.

FEMTO R 1.180

Seat width in mm	320 / 340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500
Width, ready to move, in mm from	510 – 810
Seat depth in mm	340 / 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500
Front seat height (FSH) in mm	450 – 530
Rear seat height (RSH) in mm	390 – 500
Total height in mm	Rear seat height + back height
Back height in mm	250 – 450 (60 mm telescopic in 15 mm steps)
Length with footrests	760 – 860 (depending on frame length, wheel size)
Drive wheels in mm (inches)	600 (24") / 635 (25") / 660 (26")
Brake test according to STANDARD	7°

Weights

Permissible total weight in kg	140
Max. user weight in kg	125
Empty weight in kg	from 8.5
Transport weight in kg	from 5.6

*inspire
joy of life*

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