

 **MEYRA®**

**Power Wheelchair**



1.610  
**iCHAIR MC1 LIGHT**

*inspire joy of life*

# iCHAIR MC1 LIGHT 1.610

## USER PROFILE

- ✓ Ideal for keeping mobile at home and at work
- ✓ For working and active people needing a wheelchair for various aspects of everyday life
- ✓ Suitable for outdoor use thanks to standard large tyres

## iCHAIR MC1 LIGHT- THE INTELLIGENT ENTRY-LEVEL MODEL

- Electrical back angle adjustment from -10° to 50°
- Electrical tilt from -4° to 24°
- THE INTELLIGENT ENTRY-LEVEL POWER WHEELCHAIR**
- For relaxed positioning and effective pressure relief
- Use of VR2 electronics
- Available in three different seat widths
- Pull-out battery case enables simple and effective maintenance
- Split aluminium rims for quick and easy service
- High-grade impact-protected and powerful LED lighting for enhanced safety
- Compact dimensions and the high degree of manoeuvrability enable indoor spaces to be mastered with ease



User  
weight  
up to 130 kg

## INDOORS & OUTDOORS





Electric  
Tilt In Space

- Seat tilt: -4 to 24
- Improve posture.
- Assist with reduced head and trunk control.
- Reduce risk of falls and sliding from chairs.
- Assist with corrective positioning for those with kyphotic postures.
- Improve physiological processes.
- Facilitate easier repositioning by individual/carer.



Electric  
Back

- Seat tilt: -10 to 50
- Better Circulation
- Lumbar Support
- Pain Relief
- Stress Relief



## MC1 Light 1.610



Mechanical  
Tilt In Space



Mechanical  
Back



Mechanical  
Legrests  
(Foldable)

or



Mechanical  
Legrests  
(Angle-Adjustable)



## MC1 Light 1.610 Pro



Electric  
Tilt In Space



Electric  
Back



Mechanical  
Legrests  
(Foldable)

or



Mechanical  
Legrests  
(Angle-Adjustable)



# iCHAIR MC1 LIGHT



Swing Away Control  
(L /R Side)



Adjustable strap Back



Stainless Steel Back &  
Seat Support (Optional)



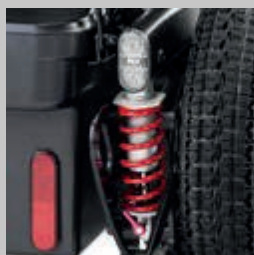
PU Armrest  
(Adjustable Height)



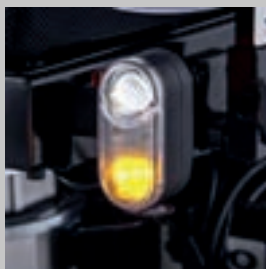
USB Changer x2



Non Marking+  
Puncture Protection Tyres



Back Suspension x2



Active LED Lighting  
Front x2(Yellow + White)  
Black x2(Yellow )



Anti Tilt & Reflective Tape

# SPECIFICATIONS

## iCHAIR MC1 LIGHT 1.610



Seat width in mm	380-500 / 430-550 / 480-600
Width in mm	630 – 750 <sup>1)</sup>
Seat depth in mm	400 – 530
Lower leg length in mm	280 – 430
Seat height front (without seat cushion) in mm	440 / 480 / 510
Total height in mm	930 – 1,130 <sup>2)</sup>
Back height in mm	480
Armrest height in mm	240 – 350
Length with / without footrest in mm	1,080 / 840
Transport length in mm	840
Transport width min. in mm	630
Transport height min. in mm	560 – 660
Wheel size, front, in mm	230 x 70 (9")
Wheel size, rear, in mm	356 x 75 (14")
Max. obstacle height in mm	60
Turning radius in mm	840
Ground clearance (battery tray) in mm	80
User weight in kg	130
Empty weight in kg	94 <sup>3)</sup>
Permissible total weight in kg	224
Max. additional load in kg	10
Speed in km/h	6 / 10
Motor power in W	2 x 180 / 2 x 300
Range max. in km	30 <sup>4)</sup>
Permitted uphill / downhill gradient	8,5° / 15%
Seat tilt, electrical, in degrees	-4° to 24° <sup>5)</sup>
Back angle, electrical, in degrees	-10° to 50°
Seat tilt, mechanical, in degrees	0° / 4° / 10°
Back angle, mechanical, in degrees	-10° to 30°
Steering type	Indirect

Dimensional tolerances ± 10 mm, ± 2°, data subject to design changes

<sup>1)</sup> ready to move

<sup>2)</sup> seating systems belt / ErgoSeat

<sup>3)</sup> without armrests and legrests

<sup>4)</sup> with 43 Ah (5h), 50 Ah (20h) battery

<sup>5)</sup> adjustment range dep. on SH and castor wheel size max. +/- 3° deviation

### USER DETAILS

First name*:	<input type="text"/>
Last name*:	<input type="text"/>
House no./street:	<input type="text"/>
Country:	<input type="text"/>

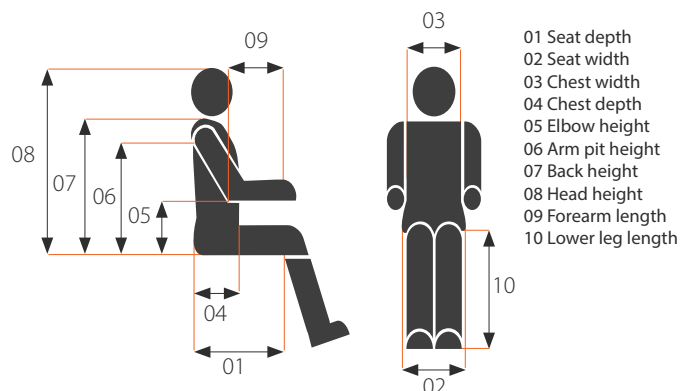
### BODY MEASUREMENTS (IN MM):

Please refer to the sketches in the enclosed information!

1) Seat depth*:	<input type="text"/>
2) Seat width*:	<input type="text"/>
3) Chest width:	<input type="text"/>
4) Chest depth:	<input type="text"/>
5) Elbow height:	<input type="text"/>
6) Arm pit height:	<input type="text"/>
7) Back height:	<input type="text"/>
8) Head height:	<input type="text"/>
9) Forearm length:	<input type="text"/>
10) Lower leg length*:	<input type="text"/>
Height*:	<input type="text"/>
Weight (kg)*:	<input type="text"/>

Diagnosis -1-:	<input type="text"/>
Diagnosis -2-:	<input type="text"/>
Tel. (mobile):	<input type="text"/>
eMail:	<input type="text"/>

Please note that fields marked \* are mandatory!



All seat dimensions are always measured without seat cushion!



# MEYRA QUALITY



## TEST TRACKS & CRASH TESTS

All wheelchairs are fully tested on a test track. A wheelchair is only approved for delivery having successfully completed the internal quality tests. In addition, crash tests are regularly carried out with new models to test the resilience of our wheelchairs. Findings derived from any deformations that might arise serve as a basis for continuously optimising the design.

## THE MEYRA ENDURANCE TEST

MEYRA's tests go beyond the level required by statutory standards. Our quality management system is certified according to DIN EN ISO 13485:2012. The requirements of the standards are verified on a yearly basis and confirmed in a test report. In addition, we carry out stress and reliability tests with increased loads beyond the legally required standard. This is unique and ensures that our wheelchairs meet our high quality requirements.

### ICHAIR MCS 1.616

REQUIRED BY LAW:	OUR TESTING STANDARD:
Double-drum test according to legal standard	Double-drum test according to legal standard and additional MEYRA test procedure
DIN EN 12182 DIN EN 12184 DIN ISO 14971 Crash test according to ISO 7196-19	DIN EN 12182 DIN EN 12184 DIN ISO 14971 Crash test according to ISO 7196-19
<b>200,000 cycles</b>	<b>200,000 – 1,000,000 cycles</b>
<b>without overload</b>	<b>with 10% overload</b>
	<b>Additional stress test</b>



## DAHL DOCKING STATION

The Dahl docking station (adapter plate) enables the user to drive a car independently or to position the wheelchair securely on the passenger side.

The electric docking system developed by Dahl Engineering gives the wheelchair user unprecedented flexibility and safety. The docking system is the first system to be tested and TÜV certified in accordance with the EU

directive on passenger cars (M1). Tests have shown that the docking station can withstand the weight of a wheelchair of 200 kg plus passenger when the seat belt is anchored in the vehicle floor.

Source: <https://dahlengineering.dk/de/produkte/dahl-docking-systeme/dahl-docking-station-mk-ii/>



# PRODUCT BENEFITS



## iCHAIR MEYLIFE 1.650

- Biomechanical back and armrest lowering mechanism, electric tilt, electric lift
- Independent suspension
- Electrical front-wheel locking mechanism (under development)
- Low seat height
- High-quality fitting with minimal effort



## iCHAIR SKY 1.620

- Quick individual adjustment
- Large electrical adjustment ranges, large stand-up angle
- Biomechanical seat
- Precise manoeuvring, very agile
- Mid-wheel drive
- Memory function: saves movement patterns and positions
- Transfer aid with footboard lowerable to floor



## iCHAIR Netti DYNAMIC S 1.623

- Completely dynamic
- Push bar with R-Net control system for operation by an attendant
- Low seat height
- 300 mm lift
- 30° tilt
- Compatible with modular system
- High-quality, established components



## iCHAIR MC1 LIGHT 1.610

- With up to two electrical adjustments
- Easy maintenance
- Durable and bright LED lighting



## iCHAIR ORBIT 1.618

- Intuitive use
- Mid-wheel drive
- Independence in getting out of the wheelchair
- Programmable motion sequences
- Optimum adaptability
- High complexity requirements



## iCHAIR MC2 RS 1.615

- ESP
- Speeds of up to 13.5 km/h
- Upgradable
- Control of various electrical adjustments
- Rear-wheel drive with rear-wheel suspension



## iCHAIR MC2 1.611

- Upgradable
- Control of various electrical adjustments
- 160 kg user weight and rear-wheel suspension
- Reliable rear-wheel drive



## iCHAIR MC3 1.612

- High complexity requirements
- Shock-absorbing all-wheel suspension with adjustable spring rate
- Control of all electrical adjustments
- 160 kg user weight standard



## iCHAIR MC FRONT 1.613

- Powerful front drive
- Central legrest with 90° knee angle, mechanical or electrical
- Excellent off-road capability and stability
- Small total width



## iCHAIR MC S 1.616

- Minimal seating dimensions
- Compact chassis
- 200 mm seat elevation
- Control of all electrical adjustments
- Combination with external seating systems



## iCHAIR XXL 1.614

- User weight up to 200/250 kg
- Seat width up to 770 mm
- Electric legrests, back adjustment and seat tilt
- 350 Watt motors



## OPTIMUS 2 2.322

- 950 W motor
- High speeds of up to 15 km/h
- For long distances
- Independent suspension and high climbing ability
- Excellent handling on rough ground
- Puncture-proof wide tyres with studded tread

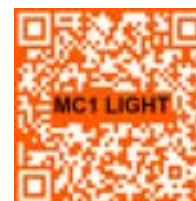


## CLOU 9.500

- Compact dimensions
- Folding
- Indoors
- Individual customisation by means of interactively programmable drive characteristics
- Proven VR2 electronics



Download  
iCHAIR Series  
Specifications



Download  
MC1 Light  
Catalogue



## RIDE® JAVA BACK

### Biomechanically designed

Java's patented design provides the flexibility to accurately fit the trunk and pelvis for superior support, comfort and mobility.



Seat width  
35-50 cm



Back height  
36, 46, 56 cm

- The Java Back's patented biomechanical design provides the flexibility to easily and independently optimize pelvic support and balance the trunk, supporting the normal rhythm and movement of the body. The user experiences comfort and stability at rest, and no interference with function and mobility.
- The Java Back can be flexed specifically to support the unique contours of the user's body without loss of seat depth and to provide accurate supportive contact through the pelvis, lumbar and thoracic spine.
- The slim design and the use of high-value materials supports an improved air circulation.



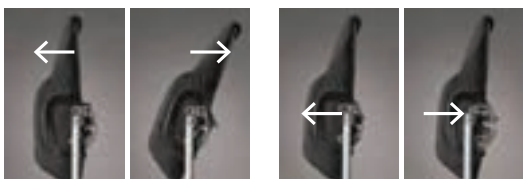
#### Target group

- Mild to moderate postural asymmetry
- Need for considerable assistance with trunk balance and support
- Can be combined with all Netti wheelchairs except the Netti 4U CE.



#### 3 heights and 2 depths available in each size

- Depth Regular = 7,5 cm, Deep = 15 cm



#### Easy adjustment to the user

- 20° back angle
- 5 cm seat depth

## Netti Smart



- Ready for immediate use!
- For users with higher requirements for comfort.
- Multiple foam layers.
- Ergonomic lumbar support.
- 12 cm side supports.
- Steplessly adjustable for height.
- Back height 50 or 60 cm.
- Back height 40 cm for Netti Mini (in black or black/red).
- Lots of room for the hip area in order to ensure a stable seating position.
- Ergonomically shaped and accurately positioned lumbar support for enhanced stability of the torso.
- Breathable 3D or easy-to-clean Easy Care covers.



Seat width  
25-60 cm



Back height  
40, 50, 60 cm



Ready for use



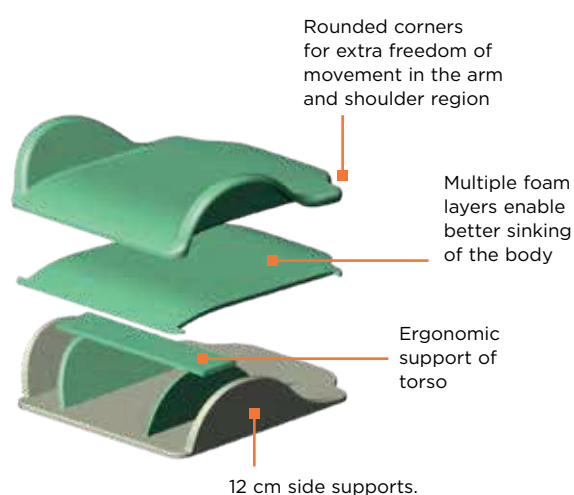
Stabilizing



Heightadjustable



Lumbar support



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