



# E-POWER

Products & Special Controls

# CONTENT

The MEYRA and TA Service products enable disabled, elderly and severely disabled people to cope with daily living again. Each product in our range is characterised by its sophisticated functions and diverse adjustment options.



**SPECIFICATIONS**  
AT A GLANCE STARTING ON PAGE 56

*inspire  
joy of life*

**POWER WHEELCHAIRS  
INDOORS &  
OUTDOORS**



PAGE 18  
**iCHAIR MEYLIFE  
1.650**

- With round tube back concept or with bio-mechanical seat and back unit
- Independent suspension
- High quality of fitting



PAGE 22  
**iCHAIR SKY  
1.620**

- Quick individual adjustment
- Large electrical adjustment ranges, large stand-up angle
- Biomechanical seat



PAGE 24  
**iCHAIR Netti  
DYNAMIC S 1.623**

- Completely dynamic
- Push bar with intuitive power module for operation by an attendant
- Low seat height



PAGE 26  
**iCHAIR MC1 LIGHT  
1.610**

- With LiNX power module
- Up to two electrical adjustments
- Easy maintenance
- Durable and bright LED lighting



PAGE 27  
**iCHAIR ORBIT  
1.618**

- Intuitive use
- Mid-wheel drive
- Programmable motion sequences



PAGE 28  
**iCHAIR MC2 RS  
1.615**

- ESP
- Control of various electrical adjustments
- Rear-wheel drive with rear-wheel suspension



PAGE 29  
**iCHAIR MC2  
1.611**

- Control of various electrical adjustments
- Rear-wheel suspension
- Reliable rear-wheel drive



PAGE 30  
**iCHAIR MC3  
1.612**

- High complexity requirements
- Shock-absorbing all-wheel suspension with adjustable spring rate
- Control of all electrical adjustments



PAGE 31  
**iCHAIR MC FRONT  
1.613**

- Powerful front drive
- Central legrest
- Excellent off-road capability and stability



PAGE 32  
**iCHAIR MC S  
1.616**

- Minimal seating dimensions and compact chassis
- Seat elevation
- Combination with external seating systems



PAGE 33  
**iCHAIR XXL  
1.614**

- High user weights and wide seat widths
- Electric legrests, back adjustment and seat tilt
- Powerful motors



PAGE 34  
**OPTIMUS 2 /  
OPTIMUS 2 RS  
2.322**

- High speed of up to 15 km/h
- For long distances up to max. 70 km
- High climbing ability and low power consumption



PAGE 37  
**CLOU  
9.500**

- Compact dimensions
- Folding
- Indoors



PAGE 38  
**iTRAVEL  
1.054**

- Especially light, just 22 kg
- Rear-wheel drive
- Folding



PAGE 39  
**iTRAVEL CARBON  
1.074**

- Starting from 16 kg empty weight
- Side panel with flip-up armrests for one-hand operation and easy transfer
- Folding

**POWER WHEELCHAIRS  
INDOORS**



ALSO FOR KIDS

Advantages of the TA power wheelchairs can be found on Page 42

PAGE 43  
**TA Indoor Wave 1.516**

- Small multifunctional wheelchair
- Minimal turning circle
- Very low seat height
- Available as front or rear wheel drive

The TA wheelchairs are equipped as standard with the VARILITE® seat cushions and wheelchair back systems.



**VARILITE® EVO-LUTION™ SEAT CUSHION**

- Protection for low to high risk of skin irritation
- Combination of foam and air
- Low weight, high comfort and user friendliness
- No pumps or extra accessories necessary
- Thanks to innovative VARILITE PSV (pressure setting valve), ambiguities in cushion adjustment are eliminated (certain models only)
- Max. user weight up to 340 kg

**VARILITE® ICON™ BACK DEEP WHEEL-CHAIR BACK SYSTEMS**

- Adjusting the angle, depth, width and height is simple and straightforward and can be done during use. All adjustment screws are accessible from the rear of the back support or from the outside of the tube brackets. The back system incorporates a VARILITE® air-foam cushion:
- Sculpted foam fits the shell contour without bunching
  - Multi-stiffness foam is thickest along the vertebral column
  - Soft foam protects the sensitive areas of the spine
  - Firmer foam supports the sides of the trunk
  - A two-way air valve allows air in and out of the cushion for a custom fit and adjustable comfort



**POWER WHEELCHAIRS  
INDOORS &  
OUTDOORS**



ALSO FOR KIDS

PAGE 45  
**TA iQ RWD 1.512**

- Rear-wheel drive
- Stable ride performance
- High speed
- Very low seat height
- Full suspension drive base



ALSO FOR KIDS

PAGE 46  
**TA iQ MWD 1.518**

- Mid-wheel drive
- Full suspension drive base
- Very low seat height



ALSO FOR KIDS

PAGE 48  
**TA iQ FWD 1.513**

- Full suspension drive base
- High speed
- Very low seat height



PAGE 49  
**TA iQ FWD Stand-Up 1.520**

- Various standing combinations

The VARILITE® seat cushions and wheelchair back systems can only be ordered in conjunction with the TA wheelchairs

**MOBILITY  
SCOOTERS  
OUTDOORS**



PAGE 50  
**CL 515 1.274**

- Powerful and smooth motor
- Very generous legroom
- Configurable suspension system for excellent handling



PAGE 51  
**CL 510 1.264**

- Powerful and smooth motor
- Spring-loaded comfort seat with height and angle-adjustable backrest, rotatable by 360°



PAGE 52  
**CL 409 1.254**

- Reliable and durable motor
- Comfortable spring-loaded sitting position
- Generous legroom and infinitely variable seat adjustment

**INDOORS**



PAGE 54  
**MICRO MOBILITY SCOOTER 1.064 / 1.064 UP**

- Indoors
- Space-saving dismantling into three parts
- Mid-wheel drive
- Lift feature (1.064UP)

**SEAT & BACK  
SYSTEMS**



The Netti and Ride Designs® wheelchair cushions and backs are easy to handle and therefore quick to use. An optimum sitting position is achieved by pairing seat and back. This distinctly improves skin protection and ensures sitting stability.

**SPECIAL  
CONTROLS**

MEYRA's special control concept comprises a wide variety of solutions such as table and chin controls as well as a vast range of joystick variants and attachments.

# RECOMMENDATION ACCORDING TO MEDICAL



## MEDICAL CONDITIONS

ALS, Tetraplegia, Duchenne muscular dystrophy, SMA	-	-	-	-	-	-	-	-
Traumatic brain injury	-	-	-	-	-	-	-	-
Multiple sclerosis	-	-	-	-	-	-	-	-
ICP, infantile cerebral palsy	-	-	-	-	-	-	-	-
Paraplegia	-	-	-	-	-	-	-	-
Obesity	-	-	-	-	-	-	-	-
Parkinson's Stroke	-	-	-	-	-	-	-	-
Leg amputations	-	-	-	-	-	-	-	-
Geriatric fittings	-	-	-	-	-	-	-	-
Dwarfism	-	-	-	-	-	-	-	-
FUNCTIONAL REQUIREMENTS IN THE VARIOUS MEDICAL FIELDS	Indoors	←						
Geriatrics	-	-	-	-	-	-	-	-
Internal medicine	-	-	-	-	-	-	-	-
Orthopaedics, traumatology	-	-	-	-	-	-	-	-
Neurology	-	-	-	-	-	-	-	-
Paediatrics	-	-	-	-	-	-	-	-



# SUMMARY OF FEATURES

Biomechanics

POWER WHEELCHAIRS	DRIVE*	
iCHAIR MC1 LIGHT 1.610	Rear	
iCHAIR MC2 1.611	Rear	
iCHAIR MC2 RS 1.615	Rear	
iCHAIR MC3 1.612	Rear	
iCHAIR MC FRONT 1.613	Front	
iCHAIR XXL 1.614	Rear	
iCHAIR MC S 1.616	Rear	
iCHAIR ORBIT 1.618	Mid	
iCHAIR SKY 1.620	Mid	
iCHAIR Netti DYNAMIC S 1.623	Mid	
iCHAIR MEYLIFE 1.650	Rear	
OPTIMUS 2 2.322	Front	
CLOU 9.500	Rear	
TA Indoor Wave	Front	
TA iQ FWD	Front	
TA iQ FWD Stand-Up	Front	
TA iQ MWD	Mid	
TA iQ RWD	Rear	





# SEAT & BACK SYSTEMS

The comfortable Netti and Ride Designs seat and back systems are now available for all iCHAIR models. The wheelchair seat cushions and back cushions offer more stability for more activity. Check them out here:



### Netti Uno Back

One-piece foam cushion with integrated lateral guidance. Easy height adjustment.



### Netti Smart

Very good distribution of pressure and 120 mm lateral guidance. With optical design elements for easy positioning.



### Netti Stabil

A back cushion similar to Netti Smart but with longer lateral guidance - 170 mm. For users with lateral trunk instability.



### Netti Super Stabil

For users with a particular need for lateral guidance and support. Reinforced 170 mm lateral supports, adjustable lumbar supports.

	Netti Uno Back	Netti Smart	Netti Stabil	Netti Super Stabil
Back height in mm	500	400, 500, 600	500, 600	500, 600
Seat width in mm	350 – 600	250 – 600	250 – 750	350 – 750
Seat depth in mm	-	-	-	-
Height in mm	-	-	-	-
iCHAIR MC1 Light / iCHAIR MC2 Light (AT)	-	✓	-	-
iCHAIR MC2	✓	✓	✓	✓
iCHAIR MC2 RS	✓	✓	✓	✓
iCHAIR MC3	✓	✓	✓	✓
iCHAIR MEYLIFE	✓	✓	✓	✓
iCHAIR ORBIT	✓	✓	✓	✓
iCHAIR MC FRONT	✓	✓	✓	✓
OPTIMUS 2	✓	✓	✓	✓
iCHAIR SKY	-	-	-	-

More information:



More information:



More information:



More information:





THE NETTI SEAT AND BACK SYSTEMS WILL ALSO BE AVAILABLE FOR THE TA POWER WHEELCHAIRS FROM LATE SUMMER ONWARDS



### Netti Kyphotic

Specially developed multi-layer back cushion for people with curved spine.

### Ride Java Back

Adjustable backrest tilt and customised trunk contour provide balanced support and freedom of movement at the same time.

### Netti Uno Seat

Ergonomic multi-layer seat cushion with good distribution of pressure.

### Netti Sit

Multi-layer seat cushion with integrated lateral support, waterproof protector and good distribution of pressure.

### Ride Forward

Comfortable, pressure relief seat cushion with stabilising properties.

### Ride Java Seat

Reduces the build-up of heat and moisture. Very high seat stability. Provides maximum skin protection, posture control and pressure distribution.

500  
350 – 500  
-  
-

360, 460, 560  
350 – 500  
-  
-

-  
350 – 600  
400 – 500  
80

-  
250 – 750  
300 – 500  
80

-  
250 – 500  
250 – 500

-  
350 – 500  
350 – 500

-	✓	-	✓	✓	-
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓
-	-	-	On request	On request	-

More information:



More information:



More information:



More information:



More information:



More information:



FOR A DETAILED PRODUCT DEMONSTRATION, PLEASE CONTACT YOUR AREA MANAGER OR EMAIL US AT [info@meyragroup.com](mailto:info@meyragroup.com)

# EXPERTISE ON A NEW LEVEL

Advising customers and adapting aids, be they simple or complex, can only work for the benefit of the user if the specialist retailer has well-founded knowledge of

the product, thus optimising the fitting decision. Benefit from the NEW CAMPUS range of seminars, tailored to the needs of the target groups.

## THE GOAL ONGOING TRAINING - IN ALL SECTORS:

### ✓ Product expertise

(Specifications and use)

- Multi / S&P
- ePower
- Active

### ✓ Sales expertise

- Lines of argument
- Sales conversation

### ✓ Legal expertise

- Patient rights
- Social security law (legislation)

### ✓ Economic expertise

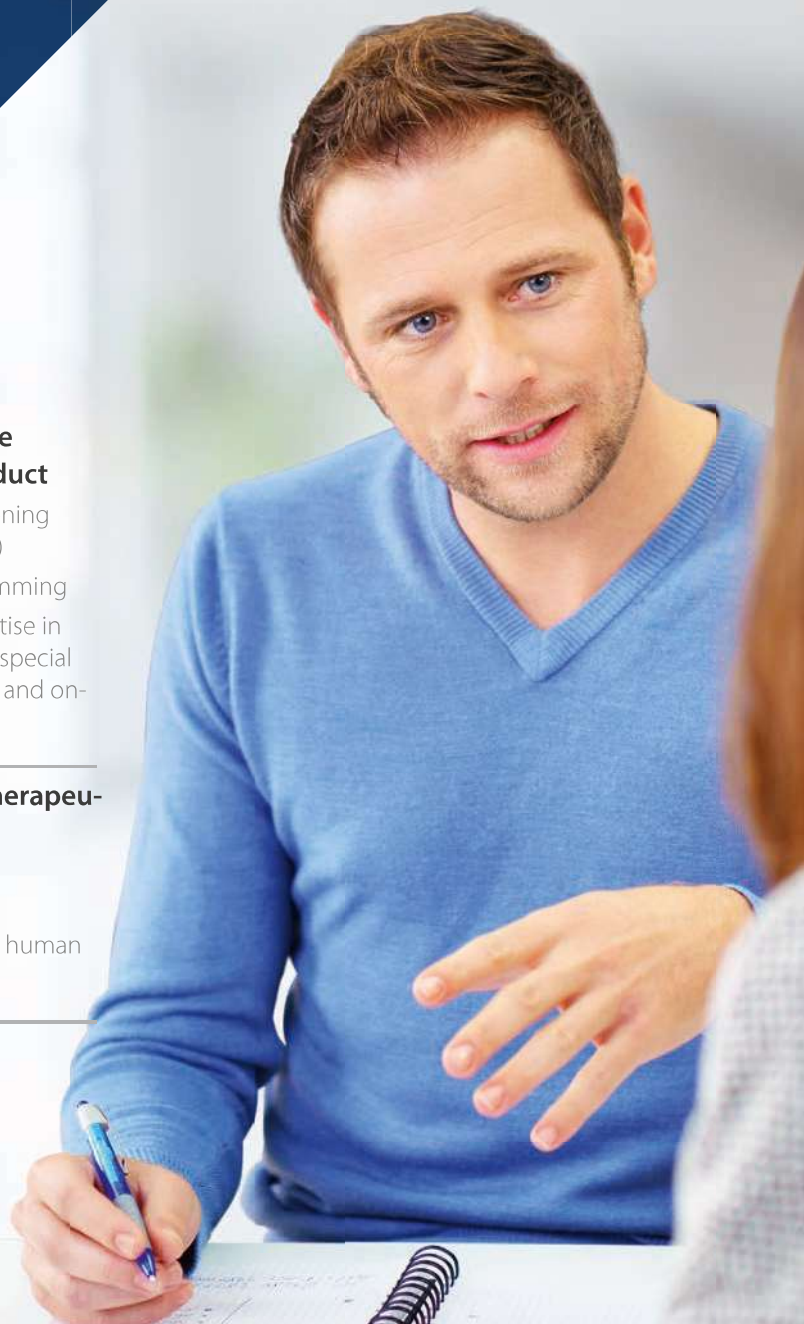
- Contracts
- Fitting concepts (indication-based)

### ✓ Expertise in the use of the product

- Sitting & positioning (5 seating steps)
- ePower programming
- Technical expertise in custom design, special control systems and on-the-spot repairs

### ✓ Medical and therapeutic expertise

- Diagnoses & symptoms
- Anatomy of the human body



# OUR KNOWLEDGE PROGRAMME

 **NEWCAMPUS**

In NEW CAMPUS, we share our knowledge with you in an easy-to-understand way in the form of seminars, webinars, tutorials, telefittings and blended learning. We have developed special training programmes for you in the following main areas.

INFO AT  
[WWW.MEYRA.COM/NEWCAMPUS](http://WWW.MEYRA.COM/NEWCAMPUS)



## WHEELCHAIR USERS

### Fitting concepts

Geriatrics PLUS / Dynamic sitting / Neuro INDIVIDUAL / Paediatrics / Private market / XXL

### Specialist advisor training

- According to medical condition: Parkinson's / ALS / MS / Decubitus / Movement disorders / Stroke / Traumatic brain injury / Dementia
- Advice on home living



## SEAT POSITIONING

### Sitting & positioning

- 5 seating steps for all three strategic business segments ePower, Active and Comfort
  - BodyPoint (where applicable iShear), measuring, documentation, etc.



## PRODUCTS

### Technical training

- ePower programming
- Focus products: Netti 4U CE Plus, Netti III, Avanti, NANO, NANO X, NANO C iCHAIR Netti DYNAMIC S, iCHAIR MC1 LIGHT, iCHAIR ORBIT, iCHAIR SKY, iCHAIR MEYLIFE



## GENERAL FRAMEWORK

### Argumentation & law

- Argumentation training
  - Patient rights
  - Contracts

### General product training

- Multi / S&P
- ePower
- Active

## BECOME A SPECIALIST FOR WHEELCHAIRS AND FITTINGS

In our training programmes, the focus is on expertise and interaction in conveying knowledge. Assess the training needs of your employees and use our seminar line-up to achieve measurable learning success. Be it further training in individual modules or complete training in all areas to become a specialist. We look forward to receiving your request at [seminare@meyragroup.com](mailto:seminare@meyragroup.com).

FURTHER INFORMATION AT:  
[WWW.MEYRA.COM/NEWCAMPUS](http://WWW.MEYRA.COM/NEWCAMPUS)

**MEYRA**

THE SEAL OF  
INDIVIDUALITY

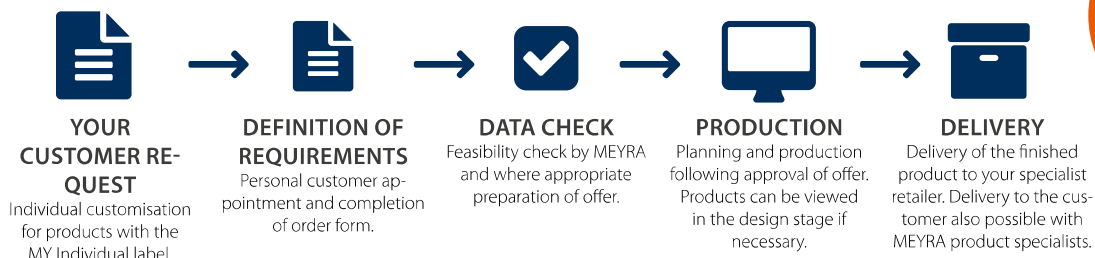


# MY INDIVIDUAL

**Individual solutions for special requirements** – In our efforts to ensure mobility for each individual, great value has always been attached to customised product solutions at MEYRA and TA. As individual as the requirements are, so too are the solutions we develop. Whether for particularly heavy users with a body weight of up to 300 kg or users with specific limitations of their musculoskeletal system – we create the solution that fits, tailored entirely to the handicap in question.

With a highly qualified team that is exclusively responsible for individual solutions, we have expanded the INDIVIDUAL range even further over the course of the last few years. Several thousand individual solutions have thus been created alongside series production. Each request is planned in detail in cooperation with therapists and orthopaedic technicians, and professionally put into effect by our manufacturing team consisting of engineers and technicians. Manufactured with modern CAD equipment – for the accustomed MEYRA quality.

## ORDERING MADE SIMPLE:



SUBMIT A  
REQUEST:  
[info@meyragroup.com](mailto:info@meyragroup.com)

# GUARANTEE PERIODS & ISO CERTIFICATION

## GUARANTEE TERMS FOR MANUAL WHEELCHAIRS

Precondition for the guarantee on frame and scissor mechanism is the correct use of the wheelchair, which implies regular, professional maintenance. In particular, damage caused by loosened screws or nuts as well as worn fastening holes for the seat belt and back strap due to frequent changing of covers shall be precluded. Furthermore, no changes may have been made to load-bearing parts.

The guarantee excludes damage to the surface, in particular scratches in the paint or other mechanical surface damage and contamination.



## NOTE

It is important to distinguish clearly between the terms "permissible user weight" and "permissible total weight" of a wheelchair, the latter being the sum of:

- a) permissible user weight
- b) tare weight of the wheelchair
- c) additional load

MODEL TYPE	MODEL NO.	PERMISSIBLE USER WEIGHT	PERMISSIBLE USER WEIGHT for passenger transport in cars	ISO 10542-2	GUARANTEE on frame	GUARANTEE on drive system & electronics
<b>OPTIMUS 2</b>	2.322	120/150 kg	120/136 kg	✓	5 years	2 years
<b>iCHAIR MC1 LIGHT</b>	1.610	130 kg	120 kg	✓	5 years	2 years
<b>iCHAIR MC2</b>	1.611	140/160 kg	136 kg	✓	5 years	2 years
<b>iCHAIR MC2 RS</b>	1.611	140/160 kg	136 kg	✓	5 years	2 years
<b>iCHAIR MC3</b>	1.612	150/160 kg	136 kg	✓	5 years	2 years
<b>iCHAIR MC S</b>	1.616	75 kg	75 kg	✓	5 years	2 years
<b>iCHAIR MC FRONT</b>	1.613	160 kg	136 kg	✓	5 years	2 years
<b>iCHAIR MC FRONT LIFT</b>	1.613- C27	140 kg	136 kg	✓	5 years	2 years
<b>iCHAIR ORBIT</b>	1.618	120/160 kg	136 kg	✓	5 years	2 years
<b>iCHAIR SKY</b>	1.620	140 kg	136 kg	✓	5 years	2 years
<b>iCHAIR Netti DYNAMIC S</b>	1.623	75 kg	75 kg	✓	5 years	2 years
<b>iCHAIR MEYLIFE</b>	1.650	120/160 kg	136 kg	✓	5 years	2 years
<b>iCHAIR XXL</b>	1.614	200/250 kg / 180 kg (lift)	-	✓	5 years	2 years
<b>CLOU</b>	9.500	120 kg	-	-	5 years	2 years
<b>CL 515</b>	1.274	205 kg	-	-	4 years	2 years
<b>CL 510</b>	1.264	160 kg	-	-	4 years	2 years
<b>CL 409</b>	1.254	136 kg	-	-	4 years	2 years
<b>iTRAVEL</b>	1.054	120 kg	-	-	4 years	2 years
<b>iTRAVEL CARBON</b>	1.074	120 kg	-	-	2 years	2 years
<b>MICRO MOBILITY SCOOTER 1.064</b>	1.064	120 kg	-	-	4 years	2 years
<b>MICRO MOBILITY SCOOTER 1.064UP</b>	1.064UP	120 kg	-	-	4 years	2 years
<b>TA Indoor Wave</b>	1.516	125 kg	-	✓	2 years	2 years
<b>TA iQ MWD</b>	1.518	140 kg	136 kg	✓	2 years	2 years
<b>TA iQ FWD</b>	1.513	140 kg	136 kg	✓	2 years	2 years
<b>TA iQ RWD</b>	1.512	140 kg	136 kg	✓	2 years	2 years
<b>TA iQ FWD Stand-Up</b>	1.520	120 kg	136 kg	✓	2 years	2 years



# 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.

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://dahleengineering.dk/de/produkte/dahl-docking-systeme/dahl-docking-station-mk-ii/>



# THE MODERN iCHAIR DESIGN

The modern-look iCHAIR family\* cuts an impressive figure with a thought-out colour concept and innovative product design.

## COLOURS

					
Matt black Structure CODE 207	Magic blue CODE 186	Lemon reflex CODE 180	Sun yellow CODE 214	Red metallic CODE 227	Polar white CODE 212



Seat/back tube and two-piece legrest as standard in matt black, available in polar white, magic blue, red metallic, lemon reflex and sun yellow at a surcharge



Clothing guard in black available with colour accent in frame colour at a surcharge



Chassis frame in matt black as standard



Abrasion-resistant, black wheels and carbon-look rims available at a surcharge with rim inserts in polar white, magic blue, red metallic, lemon reflex and sun yellow



# BIOMECHANICS OR ROUND TUBE BACK

## iCHAIR MEYLIFE 1.650 BIOMECHANICS

### PRECISE, BIOMECHANICAL CUSTOMISATION, AUTOMATIC LENGTH COMPENSATION

The biomechanical version of the iCHAIR MEYLIFE has been developed for highly-complex fittings. Further product details can be found from Page 18 onwards.



#### Legrest

Particularly stable and compact design, flexible adjustment of the legrest retainer in width and depth, electrical adjustment options for the angle, length and footplate angle - for excellent ergonomics

**Biomechanical armrests** that lower by up to 45° in line with the back angle

**Biomechanical back adjustment** by 80° incl. 150 mm length compensation



Scan for YouTube video:  
MOBITIPP test



# iCHAIR MEYLIFE 1.650 ROUND TUBE BACK

## MAXIMUM CHOICE OF SEAT & BACK SYSTEM, LARGE TILT RANGE

Numerous mechanical and electrical adjustment options are available for the basic model of the iCHAIR MEYLIFE. The round tube back, which is independent of seat width, enables the integration of different seat and back systems. Other new options from Page 20 onwards.



### Round tube version

With Netti and Ride seat system in conjunction with detachable armrests incl. clothing guard

### New detachable armrests

Various seat and back cushion combinations can be easily attached, armrest pads can be ordered separately from armrests

### Mechanically height-adjustable legrest

Swivel up, detachable and swing-away (gas spring)  
10° to 180°  
(under development)



A wide range of seat and back combinations from MEYRA, Netti and Ride Designs are available without surcharge even in the standard range, as well as from third-party manufacturers.



Netti  
seat & back system



MEYRA  
seat & back system



Ride Designs  
seat & back system



### SEAT AND BACK SYSTEMS

AT A GLANCE FROM PAGE 8 ONWARDS

# iCHAIR MEYLIFE 1.650

## BIOMECHANICS

### USER PROFILE

- ✓ Tetraplegia, Duchenne muscular dystrophy, SMA
- ✓ Traumatic brain injury
- ✓ Multiple sclerosis
- ✓ ICP, infantile cerebral palsy
- ✓ Paraplegia
- ✓ Obesity
- ✓ Parkinson's, stroke
- ✓ Leg amputations
- ✓ Geriatric fittings

### MULTIFUNCTIONAL POWER WHEELCHAIR WITH BIOMECHANICAL SEAT AND BACK UNIT

The high-grade iCHAIR MEYLIFE is ideally suited for complex medical conditions; additional options can be retrofitted. Its high degree of modularity enables precise customisation to the individual needs of the user. Permanent, all-day use indoors and out makes independent mobility possible.

- Ergonomic, biomechanical seat and back unit with coupled armrest lowering mechanism
- Precise adaptation options and high-quality fitting with minimal effort
- Sporty-elegant design with full cladding and LED lighting, as well as easy-to-maintain arrangement of cables and plugs
- Economic fitting, linked to MEYRA modular system
- Biomechanical back and armrest lowering mechanism, electric tilt, electric lift
- Newly developed independent suspension (four-way)
- Additional retrofit options for complex medical conditions



Modular seat unit for fine adjustment of seat width and seat depth in just a few steps via a plate system (without swapping parts)



LED indicator at front and rear with dynamic running light effect



Biomechanical armrests that lower by up to 45° in line with the back angle

Biomechanical back adjustment by 80° incl. 150 mm length compensation



300 mm scissor lift infinitely variable (standard equipment)



30° tilt infinitely variable



Low seat height from 400 mm up



All-wheel suspension



# MULTIFUNCTIONAL & ELEGANT

## iCHAIR MEYLIFE 1.650

### Multifunctional 3D headrest, crash tested

Different joints and profile rails for precise horizontal, vertical and angular adjustment, headrest with mouldable cushion and memory function for easy removal

### Side bolsters

Additional support of the seat cushion

### Legrest

Particularly stable and compact design, flexible adjustment of the legrest retainer in width and depth, electrical adjustment options for the angle, length and footplate angle - for excellent ergonomics

### Lateral seat rails

Grooves on the outside and inside for easy attachment and positioning of accessories such as belt systems

### Cable routing

Cable connections with plug & play principle for quick and easy addition of electrical components. The cable chain nestles inconspicuously into the recess below the seat plate when the lift is retracted and protects the cables against external damage

### Electric castor wheel lock

At the push of a button, the castor wheels can be locked and the driving speed is automatically reduced to 3 km/h, preventing the castor wheels from swivelling out, for instance when loading or reversing. (currently under development)

### Full cladding

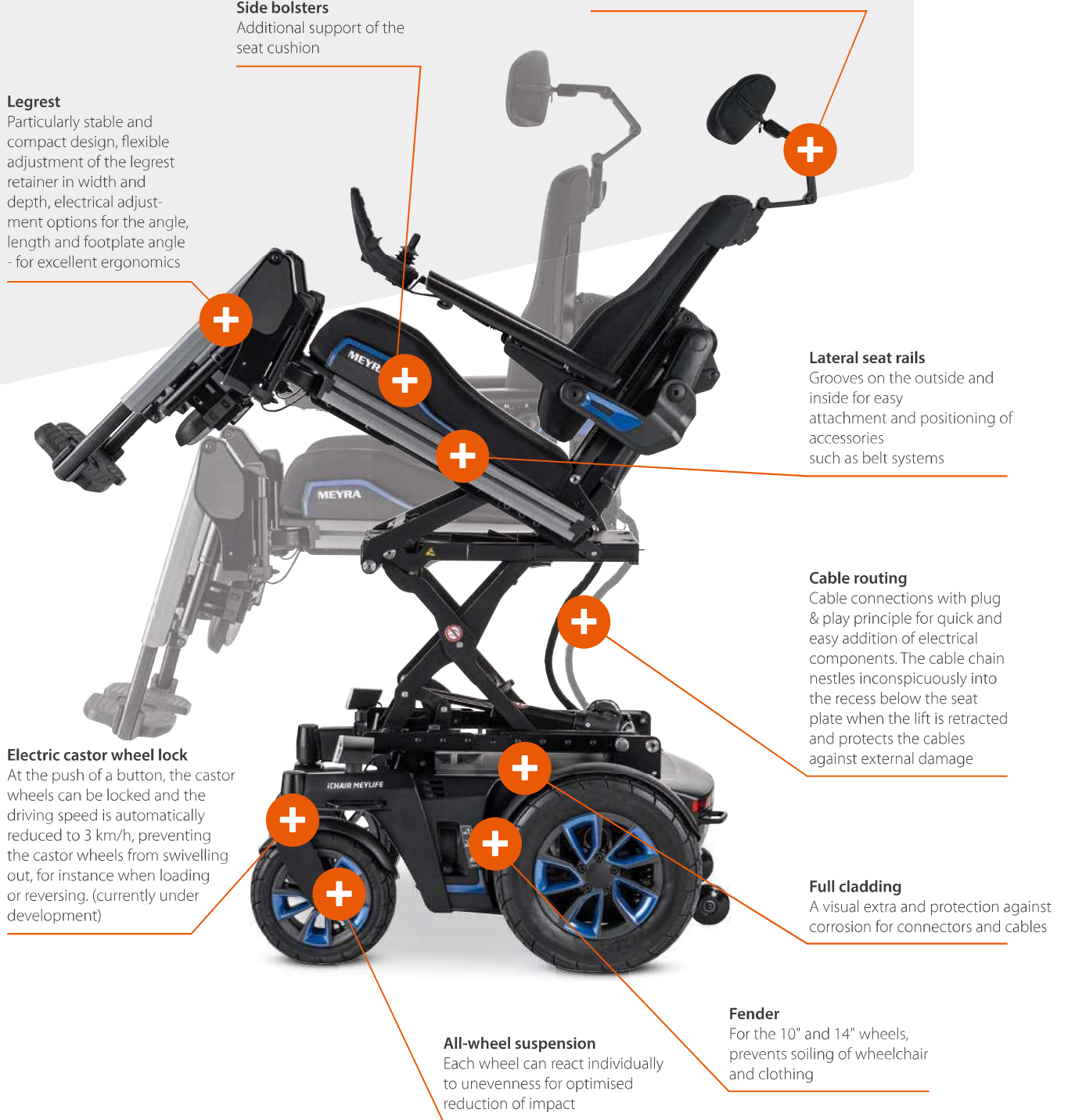
A visual extra and protection against corrosion for connectors and cables

### Fender

For the 10" and 14" wheels, prevents soiling of wheelchair and clothing

### All-wheel suspension

Each wheel can react individually to unevenness for optimised reduction of impact



# New options: iCHAIR MEYLIFE 1.650 ROUND TUBE BACK

## MULTIFUNCTIONAL POWER WHEELCHAIR NOW ALSO WITH ROUND TUBE BACK

The multifunctional power wheelchair iCHAIR MEYLIFE – now available with the newly developed round tube back concept! This enables a variety of seat and back combinations from MEYRA, Netti and Ride Designs, without surcharge even in the standard range, as well as from third-party manufacturers! Additionally with many new options and a large tilt range that is decoupled from the seat lift. As of now, three operating modules can be selected: R-Net, OMNI II, external adjustment keypad.

Other options:

- ESP stabilisation module
- Electric seat tilt, infinitely variable by 30° to 50°
- Electric backrest adjustment from 10° – 50° for contour backrest in conjunction with swing-away biomechanical armrest
- One-piece footrest
- Shoe holder straps (pair)
- Drive wheels with studded tread and puncture-resistant pneumatic tyres without surcharge



Chest pelottes only in conjunction with biomechanical back (optional)



Newly developed bracket for attendant control (optional)



Round tube version with Netti and Ride seat system in conjunction with detachable armrests incl. clothing guard

New detachable armrests  
Various seat and back cushion combinations can be easily attached, armrest pads can be ordered separately from armrests

Mechanical height-adjustable legrest  
Swivel up, detachable and swing-away (gas spring) 10° to 180° (under development)



# ROUND TUBE BACK

iCHAIR MEYLIFE 1.650

**Multifunctional 3D headrest, crash tested**

Adjustment range: horizontal, vertical and angular position with the possibility of individual adjustment of the side bolsters



**Centre mount table control**  
With folding mechanism for the R-Net control module



**Extension element for headrest**

**Back width**  
can be configured completely differently to seat width



**New luggage rack**

**Thigh pelottes** with infinitely variable width and length adjustment

# iCHAIR SKY 1.620

## THE MULTIFUNCTIONAL POWER WHEELCHAIR WITH STAND-UP FUNCTION, MID-WHEEL DRIVE AND MEMORY FUNCTION

The iCHAIR SKY is especially suited for users with changing medical conditions and more severe functional disorders. Thanks to its ingenious design, the iCHAIR SKY enables independent mobility with excellent ergonomics for permanent, all-day use both indoors and out.

### USER PROFILE

- ✓ Tetraplegia
- ✓ Traumatic brain injury or advanced stage muscular disorders such as Duchenne muscular dystrophy
- ✓ Advanced stage multiple sclerosis
- ✓ Cerebral palsy
- ✓ Spina bifida

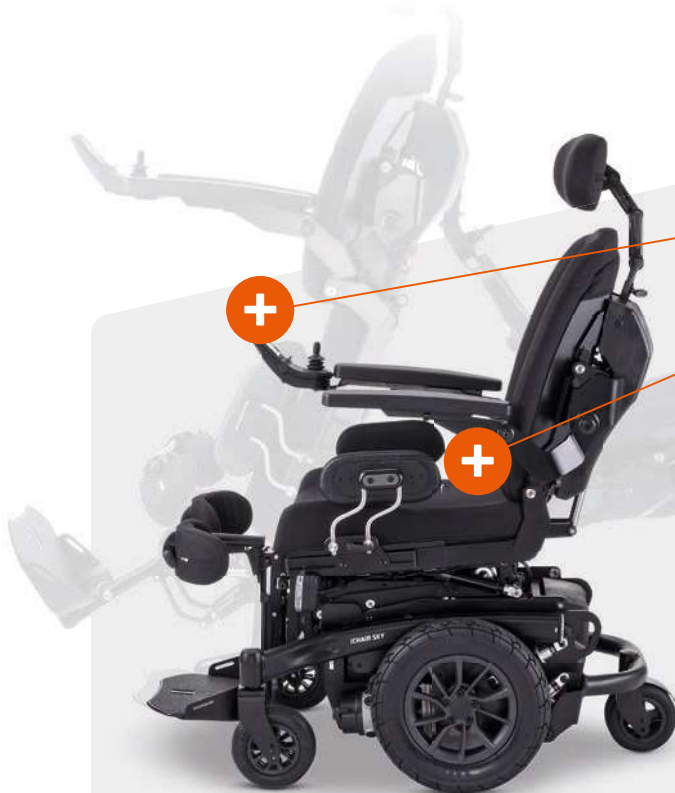
- Agile standing chair with compact dimensions and mid-wheel drive
- Ideal for confined spaces in and out of doors
- Biomechanical seat system combined with memory function for individual adjustment, standing curve and premium ease of operation
- Transfer aid with footboard lowerable to floor for ease of transfer out of the wheelchair
- Seat tilt for optimum pressure balance
- Stand-up function possible from any position



Easy-Memory Box - the two-key programming keypad (specialist retailers)



An external five-key adjustment keypad for individual assignment



Standing, lying, sitting – the simple, intuitive control system enables quick changes in position.

Memory function for saving movement patterns and preferred positions.

Advanced lie-down function with biomechanics for armrests and headrest



User weight up to 140 kg



200 mm Seat lift (standard equipment)



40° tilt (standard equipment)



# STAND SAFELY

## iCHAIR SKY 1.620

### Operation

R-Net control system with LCD colour display Intuitive operation of electrical functions

### Headrest

Adaptive headrest adjusts automatically to every position

### Back

Biomechanical seat system with electric back function incl. adaptive headrest and implemented armrest position

### Armrests

Padded, swivel up, height and width adjustable. Lateral transfer from sitting and lying position

### Seat width

Infinitely variable adjustment for comfortable and healthy sitting

### Stabilisation

Swing-away thigh pelottes, chest strap and detachable knee pads

### Chassis frame

The open frame design facilitates assistance. Five-year guarantee on the frame

### Legrest

Central legrest with electric angle adjustment and integrated length compensation

### Double support castor

Perfect manoeuvrability thanks to rear rocker arm and double support castor

### Castor wheels

With puncture-proof tyres

### Drive wheels

With colour rim inserts as an option

### Drive

Range up to 40 km

## STAND ON THE SAFE SIDE

	TÜV HANNOVER	MEYRA
Software	tested by an independent and comprehensive test procedure	MEYRA's own software development (15,000 lines of code)
Stand-up unit	3,000 cycles of the complete stand-up process	
Load	300,000 cycle double-drum test	1,000,000 cycle double-drum test
Safety		ISO crash test (transport in car)



# iCHAIR Netti DYNAMIC S 1.623

## USER PROFILE

- ✓ Dystonia
- ✓ Hemiplegia
- ✓ Neurological disorders
- ✓ Dwarfism
- ✓ ICP, infantile cerebral palsy
- ✓ Paraplegia

## DYNAMIC POWER WHEELCHAIR FOR SMALL USERS WITH MOVEMENT DISORDERS

Perfect symbiosis of MEYRA and Netti: The special manoeuvrability of the mid-wheel drive iCHAIR ORBIT power wheelchair and the optimal seating unit of the Netti Dynamic S make the iCHAIR Netti DYNAMIC S unique. Users with muscle spasms are not restricted in their movement. They have freedom of movement with no mechanical resistance. Sudden movements are immediately absorbed by the dynamic seat and back system as well as the legrests. The user returns to the original sitting position.

- Extremely agile and comfortable
- With Netti Dynamic seat system
- No restriction of movement in the case of involuntary movements
- Especially suitable for smaller users with spasm
- Low seat height from 460 mm
- Reduced forward slide / less need for repositioning
- Easy access to spare parts thanks to linking with the modular iCHAIR system
- **5 dynamic functions:**  
**Hip, back, leg length, knee angle, foot angle**



Intuitive attendant control also available as self control system



Bodypoint Evoflex 2-point pelvic stabiliser incl. fastening



Netti S Sit - 3D: breathable pressure relief seat cushion with incontinence cover under the ventilating 3D cover. With integrated lateral support and slight abduction

Seat width from 300 to 400 mm



User weight up to 75 kg



Dynamic functions



30° tilt (standard equipment)





# COMPLETELY DYNAMIC

## iCHAIR Netti DYNAMIC S 1.623

### ADVANTAGES OF A DYNAMIC WHEELCHAIR

- Good sitting position and pressure distribution at all times, as the user is automatically returned to their original position after spasms
- Reduced forward slide
- Less need for repositioning
- Optimal sitting position maintained longer-term due to concurrent movement of the dynamic wheelchair components
- Improvement in general functionality (e.g. head position)
- Long-term decrease in the intensity and frequency of movement disorders
- Tone-regulating effect due to concurrent movement of the dynamic wheelchair components

#### Patented dynamic system with open kinetic chain

When moving in an open kinetic chain, hands or feet can be moved freely during the exercise. The ends of the kinetic chain are freely movable, for example bench press with dumbbells or leg stretch while sitting.

#### Lateral supports (optional)

For extra stabilisation of the lateral guidance of the wheelchair back cushion. Can be adjusted both in height and to the side. (150 mm lateral guidance)

#### Armrests

Height and depth-adjustable

#### Legrests

Dynamic legrest

#### scissor lift

As standard with scissor lift (300 mm) and tilt (0°-30°) for optimum pressure relief

#### Support castors (optional)

Side-mounted support castors allow easy and safe use of single ramps

#### Castor wheels

Permanently welded castor wheel connection enables precise manoeuvring



# 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

## THE INTELLIGENT ENTRY-LEVEL POWER WHEELCHAIR

- For relaxed positioning and effective pressure relief
- 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
- LiNX power module:
  - ✓ Various seat functions directly selectable: electric seat tilt (infinitely variable by 28 degrees), electric back adjustment
  - ✓ Three pre-set driving functions with different speeds: Indoor, Outdoor Slow and Outdoor Fast
  - ✓ Optical light signals and different audio codes for settings e.g. for people with visual impairment

**NEW**  
with LiNX power module  
from Dynamic  
Controls



Electric back (optional)



Electric tilt (optional)

**LiNX™**



Electric back angle adjustment from -10° to 50° (optional)

Standard side panel

The operating module and the interface of the LiNX power module are easy to understand, simple to operate and offer intuitive and individual configuration

Electric seat tilt from -4° to 24° (optional)

Castor wheels with aluminium rims



Speed  
10 km/h  
(optional)



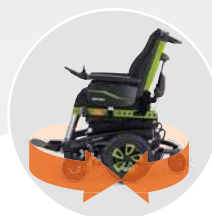
User weight  
up to 130 kg



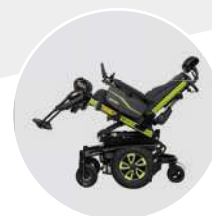
# iCHAIR ORBIT 1.618

## EXTREMELY COMPACT, STABLE AND MANOEUVRABLE POWER WHEELCHAIR THANKS TO MID-WHEEL DRIVE

- Precise manoeuvring around obstacles or on the spot
- Low seat height and overall width – ideally suited for confined spaces
- Transfer aid with electric tilt and footplate lowerable to floor for ease of transfer out of the wheelchair
- Extremely intuitive operation - also with special controls
- Utmost flexibility thanks to single or double support castor and variable equipment options like electric back angle adjustment
- Speeds of 6 or 10 km/h with 50 Ah or 73 Ah battery



Perfect manoeuvrability (with central legrest) 700 mm



Electric seat tilt 0° to 50°



Electric back angle adjustment -10° to 50°

Scissor lift incl. tilt (optional)

Stand-up aid (0° to -25°) with electric tilt (0 to 45°) and seat lift 200 mm

Central legrest, 90° knee angle

Ground clearance 70 mm

Double support castor



User weight up to 160 kg



Very narrow overall width of 600 mm



Seat lift 300 mm  
Seat tilt 0 to 30°



# iCHAIR MC2 RS 1.615

## USER PROFILE

- ✓ Ideal for keeping mobile at home and at work
- ✓ Effective pressure relief and relaxed positioning for long sitting periods thanks to large electrical adjustment ranges

## THE EXCEPTIONALLY SPORTY POWER WHEELCHAIR

- Outdoors: Good rear suspension, 15" drive wheels and 80 Ah batteries for long ranges
- Indoors: compact chassis with integrated anti-tip wheels for confined spaces
- Effective pressure relief thanks to electric seat tilt by 28° (optional)
- Optional 13 km/h speed and extra wide cross tyres with studded tread
- Seat width from 380 to 650 mm by simply telescoping the seat pan or the side panels
- Configurable seat depth from 400 to 560 mm in six stages
- Enhanced 300 W motors for 6 km/h, optional 350 W motors for 13.5 km/h



Electric seat tilt with optional 300 mm scissor lift



Optional RECARO seat unit in black imitation leather for comfortable sitting over long periods



RS design black-red

Electric back angle adjustment by 60° (optional)

Side panel with individual engraving and red or blue LED lighting

15" drive wheels



User weight up to 160 kg



scissor lift 300 mm



Electric seat tilt -2° to +26° / 0 to 50°; with seat lift 300 mm: 0 to 30°



# iCHAIR MC2 1.611

## USER PROFILE

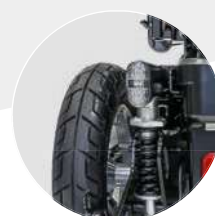
- ✓ Ideal for keeping mobile at home and at work
- ✓ Effective pressure relief and relaxed positioning for long sitting periods thanks to large electrical adjustment ranges

## THE REAR-WHEEL DRIVE, HIGH-PERFORMANCE, ALL-ROUND POWER WHEELCHAIR

- Compact dimensions, standard suspension and a wide range of options
- Comfortable and safe
- Optimum support over long sitting periods and on uneven ground
- Various seating systems for individual needs, e.g. Netti seating systems, Ride Designs Ride Forward seat unit, ErgoSeat seating systems
- Pressure relief and extension of the mobility radius due to scissor lift and electric seat tilt
- Suitable for outdoor use thanks to standard large tyres and optionally available 10 km/h version
- For more power: Enhanced motor power with 2 x 350 W available



Electric seat tilt with optional scissor lift 300 mm



Individually adjustable rear-wheel suspension



Electrically adjustable legrest (optional)

Active LED lighting

Castor wheels with aluminium rim



User weight up to 160 kg



Electric seat tilt -2° to +26° / 0 to 50°; with seat lift 300 mm: 0 to 30°



Electric back -10° to 50°



# iCHAIR MC3 1.612

## USER PROFILE

- ✓ Standard user weight of 160 kg meets XL requirements

## THE ALL-WHEEL SUSPENSION POWER WHEEL-CHAIR WITH REAR-WHEEL DRIVE FOR HIGH STABILITY

- All-wheel suspension with adjustable spring rate as standard
- Ideal ride comfort on uneven ground, impacts are compensated while moving
- Choice of two control modules: 3.5" LCD colour display with integrated infrared/Bluetooth for simple smartphone and environmental control or R-Net OMNI II control system as a basis for a large selection of special controls, such as chin or lip control
- Electric back angle adjustment by 60° (optional) ensures user comfort
- Speeds 6 and 10 km/h, pre-selectable in 5 stages
- Configurable seat depth from 400 to 560 mm in six stages



Easy battery maintenance thanks to pull-out battery case



300 mm seat elevation (optional)



Contoured Ergo-Seat seating system in different dimensions

Electric back angle adjustment by 60° (optional) ensures user comfort

Infinitely variable adjustment of seat width via armrests up to 650 mm

Long-life LED lighting

All-wheel suspension



Seat lift 300 mm with 30° seat tilt



Electric seat tilt up to 50° possible



All-wheel suspension



# iCHAIR MC FRONT 1.613

## USER PROFILE

- ✓ For permanent and all-day use in independent mobility, even with severe functional disorders
- ✓ For working and active people needing a wheelchair for various aspects of everyday life
- ✓ Suitable for outdoor use thanks to standard large tyres and optionally available 10 km/h version

## OUTSTANDING DRIVING STABILITY, EXCELLENT TRACTION WITH FRONT- WHEEL DRIVE

- ESP included as standard with an optional speed of 10 km/h
- Control module with large 3.5" LCD colour display, simple smart-phone and environmental control due to integrated infrared/Bluetooth
- Small overall width enables the user to move close to objects indoors
- Easy transfer in and out of the wheelchair thanks to central legrest being lowerable to floor and angle adjustable
- Various individually configurable seating systems can be integrated
- High degree of manoeuvrability due to compact dimensions



Electric seat tilt for optimum positioning and pressure relief



Individually engraved side panel including red or blue LED lighting



Central legrest enables 90° knee angle

14" drive wheels

Support castors for more stability



User weight up to 160 kg



Seat lift 300 mm with 30° seat tilt



Electric seat tilt from 4 to 26° and 0 to 50°



# iCHAIR MC S 1.616

## USER PROFILE

✓ The proven iCHAIR MC2 for indoor and outdoor use with Junior seat and Junior options

## COMPACT POWER WHEELCHAIR WITH SMALL SEAT AND OPTIONS

- Seat width from 300 to 440 mm by simply telescoping the seat pan and side panels
- Ideal for children and users with shorter stature
- Eye-to-eye communication and height-difference compensation with 200 mm seat elevation
- Compact chassis enables integration of external seating systems
- Best-possible positioning and pressure relief for relaxed sitting over longer periods with control of all electrical adjustments
- Indoors: Compact chassis with integrated anti-tip wheels facilitates use in confined spaces
- Choice of two speeds: 6 and 10 km/h



Adjustable back



Central legrest



Transparent side panel

Electric back angle adjustment by 40° (optional)

Electric seat tilt by 22° and by 30° in conjunction with seat elevation (optional)

Central legrest, 90° knee angle

200 mm seat lift and tilt (optional)

Good rear-wheel suspension for outdoor use



User weight up to 75 kg



Seat width from 300 mm up



Seat lift 200 mm





# iCHAIR XXL 1.614

## USER PROFILE

- ✓ For permanent and all-day use in independent mobility, even with severe functional disorders
- ✓ For working and active people needing a wheelchair for various aspects of everyday life

## PARTICULARLY STABLE XXL POWER WHEEL-CHAIR (UP TO 250 KG) WITH REAR-WHEEL DRIVE

- Reinforced components like electric legrest and back angle adjustment
- Simple operation via the control module with 3.5" LCD colour display and integrated infrared/Bluetooth for simple smartphone and environmental control
- Optionally with OMNI environmental control
- External seating systems can be integrated
- Seat lift 300 mm up to 180 kg user weight (optional), pre-selectable in 5 stages
- Speeds 6 and 10 km/h
- Reinforced components for utmost stability

HD VERSION  
UP TO 250 KG WITH  
0 – 18° ELECTRIC  
SEAT TILT  
(see XXL Bariatrics  
brochure)



Electric seat tilt 0° to +18°



Two powerful 350 W  
motors (optional)



Electric back angle  
adjustment by 60°  
(optional)



Contoured Ergo-Seat seating system in different dimensions

Effective pressure relief thanks to electric seat tilt by 18° (optional)

Electric legrest

Long-life LED lighting



User weight  
up to  
250 kg



Seat width up  
to 770 mm



Seat depth  
up to 600 mm



Seat lift 300 mm  
up to 180 kg  
approved with 30°  
seat tilt



# OPTIMUS 2/ OPTIMUS 2 RS 2.322

## HIGH-PERFORMANCE OUTDOOR POWER WHEELCHAIR (WITH FRONT-WHEEL DRIVE)

More powerful batteries and a top speed of up to 15 km/h make the all-terrain power wheelchair an experience.

### USER PROFILE

✓ For people using a manual wheelchair or walking aid indoors and who require more support outdoors

- Ideal for long distances out of doors
- Optimised chassis geometry enables best-possible handling
- Single-wheel suspension and high climbing ability are ideal for high kerbs, higher slopes and challenging and rough ground
- Direct steering combined with a travel speed of 6, 10 or 15 km/h for high-level safety and reliability outdoors
- Larger batteries available for long range and outstanding climbing ability
- Extensive range of seats for optimally adapted fitting



RECARO seating systems available



Obstacle climbing ability up to 110 mm



Electric seat and back angle adjustment also for more complex fittings (optional)

R-Net electronics as standard

Puncture-proof tyres with studded tread for optimum traction and off-road capability

Drum brakes as standard



User weight up to 150 kg



Very powerful motor 950 W



Very high max. range between 50 and 77 km (depending on battery size)



# NEW

# DETAILS

OUTDOORS

OPTIMUS 2 2.322

### New 15 km/h software

Improved drive stability and range  
(up to 77 km in the 15 km/h version with 125 AH (20h) battery), approved for 18% gradient



### LED lighting

Bright front and rear lighting and new white front safety reflector

### Integrated legrest

Detachable, robust legrests



Mechanical height adjustment



Electric height adjustment



OPTIMUS 2  
MORE FREEDOM WITH  
THE RANGE MIRACLE

PICTURED:  
OPTIMUS 2  
PAGE 34

# CLOU 9.500

## USER PROFILE

- ✓ For users who are no longer able to use a manual wheelchair indoors
- ✓ For wheelchair users who still have sufficient trunk stability
- ✓ As transport aid for operation by an attendant who is no longer able to push a manual wheelchair

## THE EASY-TO-TRANSPORT, FOLDING POWER WHEELCHAIR

- Compact dimensions, suitable for confined spaces indoors and fits in any car
- Versatile power wheelchair with VR2 controls
- Folding frame and detachable parts, e.g. legrests and armrests
- Individual seat and back adjustment



Adjustable seat and back



Driving electronics adjustable in length and height



Transport also possible in small cars



As transport aid for operation by attendant

Back angle manually adjustable up to 30° (optional)

Detachable armrests for easy transfer

Seat width configurable from 380 to 550 mm via armrests

Long-life LED lighting (optional)

Laterally detachable legrests enable the user to get close up to objects and transfer easily



User weight up to 120 kg



Folding



Low empty weight from 73 kg



# iTRAVEL 1.054

## USER PROFILE

- ✓ Travellers with restricted mobility

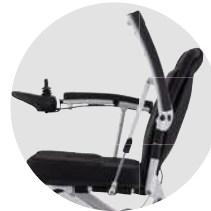
## THE TRAVEL POWER WHEELCHAIR

- Especially light, just 22 kg
- Side panels and legrests fold in with the chair
- Biometric back with simultaneously sliding armrests and legrests
- Automatic stability programme
- Walking stick holder standard
- Rear-wheel drive

**NEW**  
with larger  
9" tyres



Comfort seating system with anatomically shaped state-of-the-art cold foam technology



Flip-up armrests with gas pressure spring for easy user transfer



Folds in just one move



Back adjustment



Multifunctional seat unit



9" tyres available



User weight up to 120 kg



Low empty weight from 22 kg up



Range up to 17 km



Scan for YouTube product video

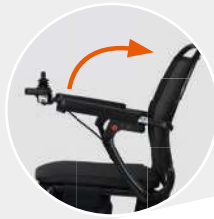
# iTRAVEL CARBON 1.074

**USER PROFILE**

- ✓ Travellers with restricted mobility

**THE FIRST TRAVEL POWERCHAIR IN LIGHT-WEIGHT CARBON FIBRE DESIGN**

- Side panel with flip-up armrests for one-hand operation and easy transfer
- Innovative, collapsible folding system as used in the iTRAVEL with small pack size for easy loading
- Intuitive joystick control for easy handling and precise manoeuvring even in tight spaces



Flip-up armrest for easy user transfer



Small pack size



Folding footboard



The armrest support folds back with the armrest

Folds in just one move

One-piece footboard folds towards the vehicle for easy handling, without locking function for one-hand operation



User weight up to 120 kg



Low empty weight from 16 kg up



Range up to 12 km



# CUSTOM DESIGN FOR KIDS, JUNIORS & SMALLER USERS

**TA<sup>®</sup>**  
**JUNIOR**  
**VERSION**

## INDIVIDUAL CUSTOM DESIGNS FOR TA POWER WHEELCHAIRS

For our smaller users, we offer very special wheelchair designs to suit individual wishes and ideas. Whether affixed with colourful foils or decorated with toy building blocks, the unique eye-catchers are technically and visually convincing.

TA Indoor Wave





## SUPPORTING DEVELOPMENT

Children discover their environment in their own way and gain new impressions every day. To enable their best possible development, our power wheelchairs are not only aids but also supporters in emotional development.

An individual design helps to identify with the wheelchair. The children's wheelchairs optimised for small users take their proportions into account and address physical possibilities. A wide range of adjustment options make the TA power wheelchair a faithful companion for many years.

Custom design in cooperation with external service providers!



RS



### TA iQ MWD

With superhero graphics foils, colour-coordinated frame



### TA iQ FWD

Decorated with toy building blocks, fitted with a colourful seat cover



# POWER WHEELCHAIRS

TA is a Danish company and part of the MEYRA Group. Since launching in 1988, TA has focused on developing and producing high-grade power wheelchairs.

High-quality craftsmanship and the Scandinavian mindset mean that the products are extremely functional, resulting in unsurpassed drive options. TA distinguishes itself on the market through reliable partnership, short communication channels, and fast assembly and adaptation of the products. Our team of more than 25 staff is at your service to ensure that the TA customer experience is excellent in every way.

## Advantages of the TA power wheelchairs at a glance:



### Very low seat height

For passing under low objects and furniture, the low seat height of mostly 380 mm, or in the case of the TA iQ FWD Stand-Up from 440 mm up, is an advantage. The low centre of gravity makes for high stability in handling.



### Full suspension drive base

Full-suspension power base with individual spring concept for high shock reduction.



### Easy adjustment of seat depths and widths

The seat system of the TA iQ products or the TA Indoor Wave is simple, but extremely effective. Adjustment of seat width, seat depth, back angle and armrests: all in a matter of minutes! This means a huge time saving for professionals and users when setting the optimal sitting position. Another advantage is that the user's ideal sitting position can be tested directly in a TA power wheelchair and no further costs are incurred for other seating systems. With a wide range of options for the seating system, there is always a solution for the most diverse of requirements. The iQ Junior seating system can be mounted on all TA products (except the TA iQ FWD Stand-Up). Only one tool is needed for the infinitely variable adjustment, for example of the seat depth of 250 – 550 mm on the TA iQ FWD Stand-Up, TA iQ RWD, TA iQ MWD, TA iQ FWD and TA Indoor Wave.



### Biomechanics

For the backrest and legrest



### Dahl docking system

Installed as standard and can also be retrofitted to all older TA power wheelchairs (except TA iQ FWD Stand-Up). The Dahl docking station (adapter plate) enables the user to drive a car independently or to position the wheelchair securely on the passenger side.



### Selectable speed

The TA power wheelchairs are available in various speeds:

TA iQ FWD: 6\* / 10 / 12.5 km/h

TA iQ RWD: 6\* / 10 / 12.5 km/h

15 km/h version available soon

TA iQ MWD: 6\* / 10 / 12.5 km/h

TA iQ FWD Stand-Up: 6\* / 10 / 12.5 km/h



### Seat lift

A lift is installed as standard in all models



### Ground clearance

70 mm for all TA power wheelchairs



The iQ Junior seating system can be assembled on all other TA power wheelchairs (with the exception of the TA iQ FWD Stand-Up).

\* Only available in Germany, other countries on request.

# TA Indoor Wave 1.516

**USER PROFILE**

- ✓ Ideal around the house, in the office, at the shopping centre, in the car, as driver or passenger
- ✓ For independent mobility for permanent and all-day use
- ✓ Especially for users with severe functional disorders, such as acquired or congenital tetraplegia, traumatic brain injury, advanced stage muscle diseases (e.g. muscular dystrophy), advanced stage MS sufferers, cerebral palsy, spina bifida

**COMPACT POWER WHEELCHAIR WITH MINIMAL TURNING RADIUS**

The successful and easily adjustable seating system, which is also used in the iQ series, makes the Indoor Wave unique in its class. With its extremely small and front-wheel drive base, the Indoor Wave is comparable with any other product in the indoor power wheelchair segment. In addition, the Indoor Wave is always fitted with an electric lift and tilt function, together with the R-Net electronics rounding off the high-end character of this wheelchair.

- Minimal turning radius, partly due to narrow 560 mm width and compact chassis
- Obstacle climbing ability of up to 65 mm
- Powerful motors: 450 W motors with R-Net and 120 A electronics
- Low tare weight of 102 kg; permissible user weight of 125 kg
- Rear oscillating axle and front independent suspension
- Available as front or rear drive



Foils and special features on request



45° tilt with biomechanical backrest and footrest (optional)



Biomechanical backrest

Highest lift of 320 mm, can be used as stand-up aid

Biomechanical legrest

Minimal turning radius 450 mm

Choice of front or rear-wheel drive



Low seat height of 400 mm



Seat lift 320 mm



Ground clearance 70 mm

UNIQUE ON THE MARKET



Power wheelchair also for children and teenagers

# UPDATE: TA iQ

# POWER WHEELCHAIRS



## **New improved armrests**

The modern design makes it easier to operate the armrest even with limited strength or mobility. The armrest is quickly mounted with the click-lock system. The tube-in-tube design enables easy height adjustment with a wide adjustment range, without conflicting with other wheelchair parts.



## **New legrests (as used on the iCHAIR MEYLIFE)**

The new stable and flexible legrests with integrated release handle can be adjusted in depth, width, length and angle. This makes handling much easier for users and therapists.



## **New back solution with three different frames**

To meet individual needs even better, we have created an alternative to the current back solution.

- Optimised positioning of the rear hinges reduces the risk of shearing and skin damage
- The low frame can be used with all Varilite backs and offers a higher degree of freedom of movement for the shoulders when using the VL ICON Back Low cushion
- Medium and high frame with adjustable adjustment strap in combination with the Netti back system
- The built-in pushbar of the medium/high version can be used to push the user over small distances



## **Wheelchair back cushion range**

The new back solution allows the choice of an adjustable stop back. The wide range of back cushions covers medium and high back cushions and the corresponding stop.



## **Headrest range**

The new back solution also enables compatibility with other headrests, e.g. from MEYRA and Netti. These can be used if the user wants to use the chair as a seat in a car.

# TA iQ RWD 1.512

## USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida

## THE POWER WHEELCHAIR WITH REAR-WHEEL DRIVE

- Ideal in the home or on uneven terrain, in the car as driver or passenger
- Without anti-tippers even at high speeds 12.5 km/h
- Spring-loaded single-wheel suspension
- Low seat frame height from 380 mm up
- Selection of 3 different speeds (6\*/10/12.5 km/h)
- Obstacle climbing ability up to 80 mm



300 mm seat lift



Electric seat tilt 45°



Biomechanical backrest

Seat width 380 – 550 mm, infinitely variable adjustment (Junior version 250, 300, 350 mm) Infinitely variable adjustment of seat depth from 250 - 590 mm

Electric seat adjustment forwards 110 mm

Biomechanical footrest with electric length adjustment

Full suspension base



Very low seat height  
380 mm



Infinitely variable adjustment of seat depth from 250 - 590 mm



\* Only available in Germany, other countries on request.

# TA iQ MWD 1.518

## THE SPORTY POWER WHEELCHAIR WITH MID-WHEEL DRIVE AND MINIMAL TURNING RADIUS

### USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida
- ✓ Patients suffering from pain

- Ideal in the home, on uneven terrain, or for hockey and ball sports, and in the car as driver or passenger
- Spring-loaded single-wheel suspension
- Full-suspension chassis (thanks to individualised suspension concept) avoids unpleasant and painful jolts and provides stability even on uneven terrain
- Infinitely variable adjustment of seat depth from 250 - 590 mm
- Selection of 3 different speeds 6\*/10/12.5/15\*\* km/h
- Obstacle climbing ability up to 80 mm
- Also available as 15 km/h version as of summer
- Also available with crossroad tyres as of summer

+  
SPRING-LOADED  
SINGLE WHEEL  
SUSPENSION  
FOR OPTIMAL  
TRACTION

### JUNIOR VERSION



Examples for children's chair:  
Foils and special features on request



300 mm seat lift



Electric seat tilt 45°



Biomechanical backrest

Seat width 380 – 550 mm, infinitely variable adjustment (Junior version 250, 300, 350 mm)  
Infinitely variable adjustment of seat depth from 250 - 590 mm

Electrical seat adjustment forwards 150 mm

Spring-loaded single-wheel suspension for optimal traction and shock reduction

Biomechanical footrest with electrical length compensation



User weight up to 140 kg



Minimal turning radius of 450 mm



Very low seat height 380 mm



\* Only available in Germany, other countries on request.  
\*\* Available soon

NEW:

# TA iQ MWD LC+RS

## THE NEW CROSSROAD FREEDOM

With two new 600 W motors, the TA iQ MWD LC travels up to 15km/h and its new large wheels make it perfect for rough and soft terrain.

Available from  
**LATE SUMMER  
2023**

ALSO AVAILABLE  
AS RS VERSION  
WITH STANDARD  
WHEELS



### Higher range

80 Ah batteries for 20 – 25 km range or 100 Ah batteries for 30 – 35 km range

### New motors

2 x 600 W motors  
up to 15 km/h

### Bigger wheels

drive wheels 360 x 120 mm

# TA iQ FWD 1.513

## USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida

## POWER WHEELCHAIR WITH FRONT-WHEEL DRIVE, IDEALLY SUITED BOTH INDOORS AND OUT

With its individualised suspension concept, the full-suspension chassis avoids unpleasant and painful jolts and provides stability even on uneven terrain.

- Ideal in the home or on uneven terrain, in the car as driver or passenger
- Without anti-tippers even at high speeds up to 12.5 km/h
- Gyro module as standard
- Low seat frame height from 380 mm up
- 300 mm seat lift, can be used as stand-up aid
- Obstacle climbing ability of up to 100 mm

### JUNIOR VERSION



Option JUNIOR version:  
TA iQ FWD Junior



300 mm seat lift



Electric seat tilt

- Biomechanical backrest
- R-Net electronics
- Adjustment of seat depth from 250 - 590 mm  
**Junior version with seat width 250 - 300 or 350 mm**
- Electric seat adjustment forwards 110 mm
- Spring-loaded single-wheel suspension for optimal traction
- Biomechanical footrest with electrical length adjustment

User weight  
up to  
140 kg

Seat lift  
300 mm

Very low  
seat height  
380 mm





# TA iQ FWD Stand-Up 1.520

## USER PROFILE

Especially for users with more severe functional disorders, for example:

- ✓ Acquired or congenital tetraplegia
- ✓ Traumatic brain injury
- ✓ Advanced stage muscular disorders (e.g. muscular dystrophy)
- ✓ Advanced stage MS
- ✓ Cerebral palsy
- ✓ Spina bifida

## EYE TO EYE WITH THE FRONT-WHEEL DRIVE STAND-UP POWER WHEELCHAIR WITH MEMORY FUNCTION

- Numerous seat variations and pressure distribution options available
- Safe and comfortable even on rough ground due to spring-loaded single-wheel suspension
- Ideal in the living environment
- Electric anti-tippers
- Low seat frame height from 440 mm up
- Stand-up driving
- Four personalised memory functions and individual standing combinations
- Obstacle climbing ability of up to 100 mm
- 3 different speeds (6\*/10 /12.5 km/h)

+  
SPRING-LOADED  
SINGLE WHEEL  
SUSPENSION  
FOR OPTIMAL  
TRACTION



45° seat tilt\*\*



Memory function



Seat lift 300 mm



Biomechanical backrest

R-Net electronics

Infinitely variable adjustment of seat depth from 250 - 580 mm

Biomechanical legrest

Spring-loaded single-wheel suspension for optimal traction



Sit-to-stand user weight 140 kg, lying-to-stand user weight max. 100 kg (optional)



Seat lift 300 mm



Ground clearance 70 mm



\* Only available in Germany, other countries on request.

\*\* Not possible in conjunction with lift; the more lift, the less seat tilt possible

# CL 515 1.274

## USER PROFILE

- ✓ Persons with limited walking ability

## COMFORT & LUXURY IN ONE MOBILITY SCOOTER

- Powerful and smooth motor
- Very generous legroom
- First-class standard equipment
- Bottle holder
- 80 AH batteries
- 8 amp charger
- Bluetooth loudspeaker system
- 1 remote key and 2 mechanical keys
- USB charger socket
- Speed up to 15 km/h
- Disc brakes



LCD colour display with illuminated keypad



State-of-the-art LED lighting



Flip-up armrests for easy user transfer

Luxury seat with infinitely variable adjustment

360° rotatable seat

Front and rear bumper

Low profile pneumatic tyres with aluminium rims



User weight up to 205 kg



Very powerful motor 3,000 W peak power



Range up to 40 km

# CL 510 1.264

**USER PROFILE**

✓ Persons with limited walking ability

**THE POWERFUL MOBILITY SCOOTER**

- Speed: 6/10 km/h
- Slopes and heavy user weight no problem thanks to powerful motor
- Height of seat and armrests adjustable
- 120 A (Penny & Giles electronics)
- Optional handbrake system for bus transport



Extremely robust, cassette-type chassis



Flexi-handling speed-control rocker switch



Lighting system with state-of-the-art LED technology



Back angle with infinitely variable adjustment and back extension

Flip-up armrests for easy user transfer

Spring-loaded comfort seating system rotatable by 360°

Infinitely variable adjustment of seat width via armrests



User weight up to 165 kg



Powerful 1,600 W motor



Range up to 35 km



# CL 409 1.254

## USER PROFILE

- ✓ Persons with limited walking ability

## THE RELIABLE CITY MOBILITY SCOOTER

- Speed: 6 km/h
- Powerful and smooth motor
- Impressive seating comfort
- Modern design available in two trend colours (blue metallic & sea buckthorn metallic)
- Unique speed-control rocker switch for easy access to buses
- Excellent for use on buses
- Hand brake for bus transport available as an option at a surcharge



Extremely robust, cassette-type chassis



Clearly structured user interface for simple and intuitive handling



Back angle with infinitely variable adjustment

Spring-loaded comfort seating system rotatable by 360°

Lighting system with state-of-the-art LED technology

Aluminium rims



User weight up to 136 kg



850 W motor



Range up to 30 km



CL 409  
THE RELIABLE  
COMPANION

PICTURED:  
CL 409  
PAGE 52

# MICRO MOBILITY SCOOTER 1.064/ 1.064UP

## USER PROFILE

- ✓ Persons with limited walking ability

## THE MICRO MOBILITY SCOOTER FOR THE SMALLEST OF SPACES

- Length: 76 cm
- Width: 58 cm
- Extremely small turning radius of 500 mm thanks to mid-wheel drive
- Perfect around the house
- Easily moves across carpets
- Walking stick holder and shopping basket can be integrated on the seat
- Simple operation– intuitive
- Easy transport
- Dismounts into three parts (battery, seat, chassis) without the use of tools



Dismantles into three parts



1.064UP: 100 mm lift height, separate switch for operating lift



Simple operation

Mid-wheel drive, 500 mm turning radius



User weight up to 120 kg



Powerful 200 W motors



6 km/h - range up to 17 km (under test conditions)

# MOBILE AROUND THE HOME

MICRO MOBILITY SCOOTER 1.064/ 1.064UP



**Flip-up armrests**  
For easy access

**Rotatable seat**  
360° rotation makes  
getting in and out of the  
scooter simple

**Mid-wheel drive**  
Easy manoeuvring in narrow  
spaces with a small turning  
circle of just 500 mm



## MICRO MOBILITY SCOOTER UP - WITH ELECTRIC SEAT LIFT

- A wide range of everyday activities can be performed in familiar surroundings: cooking, getting washed and reaching high cupboards are all possible again
- Enables the ideal sitting position at tables

# SPECIFICATIONS

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

	iCHAIR MC1 LIGHT 1.610	iCHAIR MC2 1.611	iCHAIR MC2 RS 1.615	iCHAIR MC3 1.612	iCHAIR MC FRONT 1.613	iCHAIR XXL 1.614
Seat width in mm	380 – 600	380 – 650 <sup>7)</sup>	380 – 650 <sup>7)</sup>	380 – 650 <sup>10)</sup>	380 – 650	530 – 770 <sup>3)</sup>
Total width in mm	600 – 750 <sup>24)</sup>	590/630 <sup>8)</sup> 24)	650 – 800 <sup>24)</sup>	630 – 800 <sup>4)</sup> 24)	630 – 800 <sup>24)</sup>	670 – 850 <sup>24)</sup>
Seat depth in mm	400 – 530	400 – 560 / 400 – 560 / 500 / 480 – 530 <sup>7)</sup>	400 – 560 / 480 – 530 <sup>7)</sup>	400 – 560 / 400 – 560 / 500 / 480 – 530 <sup>10)</sup>	400 – 560 / 400 – 560 / 480 – 530 <sup>12)</sup>	430 – 600 <sup>3)</sup>
Lower leg length in mm (without seat cushion)	280 – 430	280 – 500 <sup>7)</sup>	350 – 500 / 350 – 500 <sup>7)</sup>	280 – 430 / 350 – 500 / 350 – 500 / 350 – 500 <sup>10)</sup>	280 – 430 / 330 – 450 <sup>13)</sup>	370 – 510 <sup>3)</sup>
Seat height front (without seat cushion) in mm	440 / 480 / 510 <sup>1)</sup>	440 – 530 <sup>7)</sup> 460-790 with seat lift	460 – 530/ 530 – 600 / 580 – 650 <sup>7)</sup>	460 – 520 / 530 – 590 / 580 – 640 / 610 – 670 <sup>10)</sup>	440 – 510 <sup>13)</sup>	460 – 560 / 530 – 630
Total height in mm (without headrest)	930 – 1,130 <sup>4)</sup>	930 – 1,130 <sup>8)</sup>	1,010 – 1,130 <sup>8)</sup>	970 – 1,140 <sup>4)</sup>	960 – 1,080 <sup>9)</sup>	1,020 – 1,150 <sup>3)</sup>
Back height in mm	500	450 – 500 / 530 – 570 / 640 / 640 <sup>7)</sup>	530 – 570 / 640 <sup>7)</sup>	450 – 500 / 530 – 570 / 640 / 640 <sup>10)</sup>	450 – 500 / 530 – 570 / 640 <sup>12)</sup>	530 – 570 <sup>3)</sup>
Armrest height in mm (from seat surface without seat cushion)	240 – 350	240 – 350 <sup>7)</sup>	180 – 290 / 180 – 290 <sup>7)</sup>	240 – 350 / 180 – 290 / 140 – 250 / 180 – 290 <sup>10)</sup>	240 – 350 <sup>13)</sup>	170 – 280 <sup>3)</sup>
Overall length with / without legrest in mm	1,080 / 840	1,130 / 830	1,130 / 830	1,120 / 870	1,065 – 1,130 / 910	1,150 / 850
Transport length in mm	840	830	830	870	910	850
Transport width in mm	630	580 – 620	650	630	620	710 – 760
Transport height without headrest in mm	560 – 660	570 – 660	590 – 660	590 – 680	610 – 680	650 – 800
Wheel size, front, in mm	230 x 70 (9")	260 x 70 (10") 230 x 70 (9")	260 x 70 (10")	260 x 70 (10")	356 x 75 (14")	260 x 70 (10")
Wheel size, rear, in mm	356 x 75 (14")	356 x 75 (14") 320 x 75 (12.5")	380 x 75 (15")	356 x 75 (14")	230 x 70 (9")	350 x 75 (14")
Max. obstacle height in mm	60	60 <sup>5)</sup>	60 <sup>5)</sup>	60	60	60
Turning radius in mm	840	840	840	900	650	950
Ground clearance (battery tray) in mm	80	80	80	80	-	80
User weight in kg	130	160	160	160	160	200 / 250
Empty weight in kg, from (with drive battery)	94	100 <sup>2)</sup>	111 <sup>2)</sup>	118 <sup>2)</sup>	108 – 125 <sup>2)</sup>	130 <sup>2)</sup>
Permissible total weight in kg	280	320	320	320	280	340
Max. additional load in kg	10	10	10	10	10	10
Speed in km/h	6 / 10	6 / 10	6 / 13	6 / 10	6 / 10	6 / 10
Drive output in W	2 x 180 / 2 x 300	2 x 220 / 2 x 350	2 x 220 / 2 x 300	2 x 220 / 2 x 350	2 x 220 / 2 x 300	2 x 300 / 2 x 350
Range max. in km	30 <sup>17)</sup>	25 – 30 <sup>17)</sup> 35 – 40 <sup>19)</sup>	25 – 40 <sup>19)</sup>	25 – 30 <sup>11)</sup> 18) 35 – 40 <sup>11)</sup> 19)	25 <sup>18)</sup> 40 <sup>19)</sup>	35 <sup>11)</sup> 25 – 35 <sup>19)</sup>
Permitted uphill / downhill gradient	8.5° (15 %)	8.5° (15 %)	8.5° (15 %)	8.5° (15 %)	6° (11 %)	8.5° (15 %)
Seat tilt, electric, in degrees	-4° to 24° <sup>6)</sup>	-2° to 26°	-2° to 26°	-2° to 33°	4° to 26° / 0° to 50°	0° to 18° <sup>6)</sup>
Back angle, electric, in degrees	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°
Seat tilt, mechanical, in degrees	0° to 10°	0° to 10°	0° to 10°	0° to 10°	4° to 10°	0° to 10°
Back angle, mechanical, in degrees	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°
Standing angle max. up to in degrees	-	-	-	-	-	-
Seat lift, electric, in mm	-	300	300	300	300	300
Steering type	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect
Stand-up aid with electric tilt, lift 200 mm	-	-	-	-	-	-
Dahl docking station	-	✓	-	✓	✓	-
ISO crash tested	✓	✓	✓	✓	✓	✓
Drive	Rear	Rear	Rear	Rear	Front	Rear

<sup>1)</sup> measured with seat tilt 4° (without seat cushion)

<sup>2)</sup> without armrests and legrests

<sup>3)</sup> seating systems belt / ErgoSeat/ seat tilt 4°

<sup>4)</sup> seating systems belt / ErgoSeat

<sup>5)</sup> 120 mm incl. step climber

<sup>6)</sup> adjustment range dep. on SH and castor wheel size max. +/- 3° deviation

<sup>7)</sup> seating systems belt / ErgoSeat / ERGOSTAR / RECARO seat tilt 4°

<sup>8)</sup> seating system ErgoSeat

<sup>9)</sup> with adjustable back

<sup>10)</sup> seating systems seat pan / ErgoSeat / ERGOSTAR / RECARO

<sup>11)</sup> under test conditions 6 / 10 km/h with battery 80 Ah (20h)

<sup>12)</sup> to seat pan without cushion

<sup>13)</sup> seating systems: Standard / ErgoSeat / Recaro

<sup>14)</sup> adjustable by 220 mm via pelvic pelottes



iCHAIR MC S 1.616	iCHAIR ORBIT 1.618	iCHAIR SKY 1.620	iCHAIR Netti DYNAMIC S 1.623	iCHAIR MEYLIFE 1.650*	OPTIMUS 2 / OPTIMUS 2 RS 2.322	CLOU 9.500
300 – 440	380 – 650	400 – 530	300 – 400	380 – 650	380 – 550	380 – 550 / 430 – 550
580 – 800 <sup>24)</sup>	600 / 600 / 630 / 680 with 12" <sup>24)</sup> 640 / 640 / 640 / 680 with 14" <sup>24)</sup>	640 – 690 <sup>24)</sup>	600	600 – 820	680 – 700	min. 590 / max. 600/700
300 – 400	400 – 560 / 400 – 560 / 480 – 530 <sup>13)</sup>	400 – 525	250 – 350	400 – 550	500 / 420 – 530 / 480 – 530 <sup>10)</sup>	430
250 – 350 <sup>1)</sup>	280 – 450 <sup>12)</sup>	250 – 430 <sup>29)</sup>	180 – 290	340 – 480	380 – 520 / 410 – 550 / 420 – 560 <sup>10)</sup>	360 – 500
420 – 470 <sup>1)</sup>	430, 465, 500 / 440, 475, 510 <sup>30)</sup>	450 / 485 / 520 <sup>29)</sup>	460 – 560	400 – 500 <sup>12)</sup>	610 / 580 / 650	510
890 – 925 <sup>9)</sup>	960 – 1,150 <sup>9) 28)</sup>	940 – 1,100 <sup>28)</sup>	950 – 1,100	930 – 1,200	1,100 – 1,300 / 1,050 / 1,130 <sup>10)</sup>	910
390 / 440 <sup>9)</sup>	450 – 500 / 530 – 580 / 640 <sup>13)</sup>	540 <sup>30)</sup>	400 – 500	500 – 690	640 / 550 / 640 <sup>10)</sup>	400 (without seat cushion)
180 – 250 <sup>1)</sup>	240 – 350 <sup>12)</sup>	200 – 350 <sup>29)</sup>	180 – 260	220 – 380	190 – 250 / 220 – 280 / 230 – 290 <sup>10)</sup>	190 – 300
970 / 790	1,180 / 1,250, 1,060 – 1,150 <sup>22)</sup> / 930	1,095	1,060 – 1,810 / 860 – 1,420	1,120 – 1,220 / 860 – 910	1,190 – 1,250	1,100 / 810
790	870 – 930	905	860	860	1,340 / 1,160 / 1,260 <sup>10)</sup>	900
580	600 – 680 <sup>2)</sup>	640	600	820	680	600
660	630 – 800	1,080 – 1,115	640 – 960	590 – 1,150	720 / 760 / 800 <sup>10)</sup>	940
190 x 50 (8") 230 x 70 (9")	200 x 50 (8")	170 x 35 (7") 200 x 50 (8")	200 x 50 (8")	225 x 70 (9") 250 x 70 (10")	360 x 120	200 x 50 (8")
320 x 60 (12.5")	364 x 75 (14")	356 x 75 (14")	320 x 60 (12.5")	320 x 60 (12.5") 350 x 75 (14")	320 x 100	320 x 60 (12.5")
60	60	60	60	70	110	60
840	800 / 700 <sup>32)</sup>	640 <sup>26)</sup>	650	940	1,200	1,000
80	70 – 80	70	70	70	140	-
75	120 / 160 <sup>33)</sup>	140	75	120 / 160	150 / 150 / 120	120
108 – 128 <sup>2)</sup>	120 – 165	173	110 – 160	133 – 195	152 <sup>2)</sup>	73
280	270 / 330	340	260	-	330 / 330 / 300	210
10	10	10	10	10	10	10
6 / 10	6 / 10	6 / 10	6	6 / 10	6 / 10 / 15	6
2 x 180 / 2 x 300	2 x 180 / 2 x 350	2 x 350	2 x 180	220 / 300 / 350	950	2 x 180
25 <sup>18)</sup> 40 <sup>19)</sup>	25 – 35 <sup>17)</sup> 35 – 40 <sup>19)</sup>	25 <sup>20)</sup> 40 <sup>21)</sup>	30 <sup>17)</sup> 40 <sup>19)</sup>	25 – 40 <sup>19)</sup>	50 – 55 <sup>22)</sup> / 50 – 70	30
8.5° (15 %)	8.5° (15 %)	8.5° (15 %)	6° (11 %) / 9°	8.5° / 15 %	10° (18 %)	6.5° (12 %)
0° to 22° / 0° to 30° <sup>23)</sup>	0° to 30° / 0° to 50° / -25° to 45°	0 to 40°	0° to 30°	0° to 50°	7° – 22° / 5° – 20°	-
-10° to 35°	-10° to 50°	90° to 180° <sup>31)</sup>	-	-10° to 50°, 0° to 60°, 0° to 80°	-10° to 50°	-
0° to 10°	1°, 4°, 7°, 10°	-	-	0° – 30°	7° – 15° / 5° – 13° / 20° – 28°	-
-10° to 30°	-10° to 30°	-	90° to 125°	-	0° to 30°	0° to 30°
-	-	90°	-	-	-	-
200	300	200	300	300	-	-
Indirect	Indirect	Indirect	Indirect	Indirect	Direct	Indirect
-	0° to 30°	-	-	-	-	-
-	✓	-	-	✓	-	-
✓	✓	✓	✓	✓	✓	✓
Rear	Mid-wheel	Mid-wheel	Mid-wheel	Rear	Front	Rear

<sup>15)</sup> in conj. with seat tilt up to 1,010 mm possible

<sup>16)</sup> 40 mm with additional support castors

<sup>17)</sup> with 43 Ah (5h), 50 Ah (20h) battery

<sup>18)</sup> with 38 Ah (5h), 45 Ah (20h) battery

<sup>19)</sup> with 66 Ah (5h), 80 Ah (20h) battery

<sup>20)</sup> with 52 Ah (5h), 60 Ah (20h) battery

<sup>22)</sup> with 107 Ah (20h) battery

<sup>23)</sup> in conj. with seat lift

<sup>24)</sup> ready to move

<sup>25)</sup> without footrests

<sup>26)</sup> with footrests

<sup>29)</sup> without headrest

<sup>29)</sup> to seat pan without seat cushion:

Height of seat cushion 60 mm

<sup>30)</sup> measured at 0° seat tilt

<sup>31)</sup> From 100 kg user weight up, adjustment of standing angle necessary

<sup>32)</sup> Single/central legrests

<sup>33)</sup> with 350 W motors

\* Specifications for "biomechanical version"

# SPECIFICATIONS

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

	iTRAVEL 1.054	iTRAVEL CARBON FIBRE 1.074	CL 515 1.274	CL 510 1.264	CL 409 1.254	MICRO MOBILI- TY SCOOTER 1.064	MICRO MOBILI- TY SCOOTER 1.064UP
Length in mm	970	923	1,650	1,200	1,200	760	760
Width in mm	560 – 650	570	680	610	610	600 – 700	600 – 700
Height in mm	870	930	1,110	1,110	1,110	880 – 960	880 – 960
Height, folded, in mm	310-330	370	-	-	-	-	-
Seat height in mm	450	500	500 – 610	420 – 480 <sup>3)</sup>	420 – 480 <sup>3)</sup>	370 – 450 <sup>3)</sup>	450 – 550 <sup>3)</sup> see diagram on Page 55
Armrest height in mm	240	240	250	-	-	-	-
Seat depth in mm	400	420	460	410	410	400	400
Back height in mm	460	460	-	450	450	370 – 450	370 – 450
Seat width in mm	440	450	500 – 610	450 – 670 <sup>3) 7)</sup>	450 – 670 <sup>3)</sup>	470 – 570 <sup>3)</sup>	470 – 570 <sup>3)</sup>
Transport height in mm (with folded steering column and without seat)	-	-	750	600	600	470	470
Number of wheels	4	4	4	4	4	5	5
Wheel diameter castor wheel in mm	200	178	315	260	260	110	110
Wheel diameter drive wheel in mm	229	215	[4,00-8] Ø 315	260	260	220	220
Ground clearance in mm	75	70	110	100	60	50	50
Max. obstacle climbing ability in mm	40	40	60	60	60	15	15
Turning circle (radius) in mm	1,030	980	1,950	1,500	1,500	560	560
Motor continuous output in W	2 x 200	2 x 250	700	400	210	2 x 200	2 x 200
Motor maximum output in W	2 x 800	1,000	3,000	1,600	850	2 x 800	2 x 800
Batteries in Ah	10.4 <sup>1)</sup>	12 <sup>1)</sup>	80	2x 12V 50 / 42.5	2x 12V 35 / 28.1	20.8 <sup>1)</sup> / 14 (5 h) <sup>2)</sup>	20.8 <sup>1)</sup> / 14 (5 h) <sup>2)</sup>
Charger in A	2	2	8	6	4	2	2
Electronics in A	50	35	120	120	70	50	50
Range, max. (under test conditions) in km	8 – 12 <sup>1)</sup>	12	40	30	30	17 <sup>1)</sup> / 10 <sup>2)</sup>	17 <sup>1)</sup> / 10 <sup>2)</sup>
Permitted uphill / downhill gradient in degrees	6° (10.5 %)	6° (10.5 %)	9° (16 %)	9° (16 %)	9° (16 %)	6° (10.5 %)	6° (10.5 %)
Empty weight in kg	22 <sup>6)</sup> / 23 <sup>5)</sup>	16 / 17.8 <sup>5)</sup>	100 <sup>6)</sup> / 150 <sup>5)</sup>	93 <sup>5)</sup>	91.5 <sup>5)</sup>	42 <sup>1) 5)</sup> / 47 <sup>2) 5)</sup>	47 <sup>1) 5)</sup> / 52 <sup>2) 5)</sup>
Permissible user weight in kg	120	120	205	165	136	120	120
Permissible total weight in kg	150	140	355	260	230	170	170
Speed, max., in km/h	6	6	6 / 15	6 / 10	6	6	6
Lift height in mm	-	-	-	-	-	-	100

<sup>1)</sup> only with lithium batteries

<sup>2)</sup> only with lead batteries

<sup>3)</sup> adjustable

<sup>4)</sup> between armrests

<sup>5)</sup> with batteries

<sup>6)</sup> without batteries

<sup>7)</sup> 450-700 for CL510+

**JUNIOR  
UNITS**  
(not possible for  
TA iQ FWD Stand-  
Up)

		<b>TA Indoor Wave 1.516</b>	<b>TA iQ FWD 1.513</b>	<b>TA iQ FWD Stand- Up 1.520</b>	<b>TA iQ MWD 1.518</b>	<b>TA iQ RWD 1.512</b>
<b>EN</b>	-	-	-	12184:2014 <sup>1)</sup>	-	-
<b>Wheelchair model</b>	-	Class A	Class B	Class B	Class B	Class B
<b>Speed in km/h</b>	-	6	6 / 10 / 12.5	6 / 10 / 12.5	6 / 10 / 12.5 / 15*	6 / 10 / 12.5
<b>Gyroscope</b>	-	-	Standard	Standard	-	-
<b>Range in km</b>	-	22	35 – 40	35 – 40	35 – 40	35 – 40
<b>Max. user weight in kg</b>	-	125	140	140, 100 with lie-down function	140	140
<b>Electric seat lift in mm</b>	-	320	300	300	300	300
<b>Turning radius in mm</b>	-	450	650	650	460	650
<b>Batteries in Ah</b>	-	2 x 38	2 x 80	2 x 80	2 x 80	2 x 80
<b>Motor in Watt</b>	-	2 x 400	2 x 350	2 x 350	2 x 350	2 x 350
<b>Electronics</b>	-	R-Net	R-Net	R-Net	R-Net	R-Net
<b>Length without legrest in mm</b>	-	695	820	880	900	780
<b>Chassis width in mm</b>	-	560	630	630	630	630
<b>Seat height in mm</b>	-	400	380	440	380	380
<b>Seat width in mm</b>	250 / 300 / 350	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55	38 / 40 / 45 / 50 / 55	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55	25 / 30 / 35 / 38 / 40 / 45 / 50 / 55
<b>Seat depth in mm</b>	infinitely variable adjustment from 250 – 350	Infinitely variable adjustment from 250 - 590	Infinitely variable adjustment from 250 - 590	250 – 590 with standard mount	Infinitely variable adjustment from 250 - 590	Infinitely variable adjustment from 250 - 590
<b>Obstacle height in mm</b>	-	65	100	100	80	80
<b>Ground clearance in mm</b>	-	70	70	70	70	70
<b>Fixing lugs</b>	-	Optional	Standard	Standard	Standard	Standard
<b>Electric seat tilt in °</b>	-	45 <sup>1)</sup>	45 <sup>1)</sup>	45 <sup>1)</sup>	45 <sup>1)</sup>	45 <sup>1)</sup>
<b>Electrical back angle adjustment</b>	-	Several options <sup>1)</sup>	Several options <sup>1)</sup>	Standard	Several options <sup>1)</sup>	Several options <sup>1)</sup>
<b>Electric legrest</b>	-	Several options <sup>1)</sup>	Several options <sup>1)</sup>	Standard	Several options <sup>1)</sup>	Several options <sup>1)</sup>
<b>Electrical seat adjust- ment forwards in mm</b>	-	-	110 <sup>1)</sup>	-	110 <sup>1)</sup>	110 <sup>1)</sup>
<b>Memory function</b>	-	-	-	personalised <sup>1)</sup>	-	-
<b>Combi-function</b>	-	-	-	Lying-Standing <sup>1)</sup> / Sitting-Standing <sup>1)</sup>	-	-
<b>Dahl docking station</b>	-	✓	✓	-	✓	✓
<b>ISO</b>	-	7176-21:2009 / 10542-5 <sup>1)</sup> / 7176-19:2008 <sup>1)</sup>	7176-21:2009 / 10542-5 <sup>1)</sup> / 7176-19:2008 <sup>1)</sup>	7176-21:2009 / 10542-5 <sup>1)</sup> / 7176-19:2008 <sup>1)</sup> / 7176-14 <sup>1)</sup>	7176-21:2009 / 10542-5 <sup>1)</sup> / 7176-19:2008 <sup>1)</sup>	7176-21:2009 / 10542-5 <sup>1)</sup> / 7176-19:2008 <sup>1)</sup>
<b>Drive</b>	-	Rear and front	Front	Front	Mid-wheel	Rear

<sup>1)</sup> optional  
\* available soon

# CONTROL MODULES



**INDEPENDENT  
PROGRAMMING  
OPTION  
FOR BLUETOOTH &  
INFRARED**

**R-NET control module**  
with large 3.5" LCD colour display and  
IR function as well as Bluetooth for Win-  
dows, Android and IOS  
*CODE/Art. no.: 398-702/206931800*

- + 3.5 inch colour LCD display with: Battery indicator, time, driving speed in "km/h", distance in "km", optional graphic speed or power consumption indicator, plain text error messages
- + Drive function with five speed levels
- + Lighting, sensors
- + Max. six electrical actuators and max. 12 seat adjustment functions
- + Integrated Bluetooth module for independent smartphone or PC control through the wheelchair control system
- + Infrared module for independent remote control of devices in the near vicinity (e.g. TV, hi-fi system, light switches)
- + Connection of ON/OFF and MODE button
- + Ergonomic design: Display visible even with backrest reclined
- + Integrated light sensor for automatic adjustment of screen brightness



**R-NET control module with LED colour display**

- + Drive function with five speed levels
- + Lighting and sensors
- + Max. 6 electric seat adjustment functions
- + Battery capacity indicator
- + Error messages via blink code of battery indicator
- + Charging socket



**R-NET control module with LCD colour display**  
*CODE/Art. no.: 416-702/206849900*

- + Colour LCD display with: Battery capacity indicator, time, driving speed in "km/h", distance in "km", optional graphic speed or power consumption indicator
- + Drive function with five speed levels
- + Lighting, sensors
- + Max. 6 electrical actuators and max. 12 seat adjustment functions
- + Plain text error messages
- + Connection of ON/OFF, MODE button and adjustment keypad



**OMNI II special and environmental control**

- + With all functions of the LCD control module (without joystick)
- + Infrared and Bluetooth remote control
- + Basis for various special controls



**LiNX power module**

- + Various seat functions directly selectable: electric seat tilt (infinitely variable by 28 degrees), electric back adjustment
- + Three pre-set driving functions with different speeds
- + Optical light signals and different audio codes for settings e.g. for people with visual impairment
- + Adaptive load compensation



# SPECIAL CONTROLS

## FOR MEYRA POWER WHEELCHAIRS

**MEYRA power wheelchairs enable people with handicaps, older people and users with severe functional disorders to participate in everyday life again.** Each power wheelchair in our range is characterised by its sophisticated functions and diverse adjustment options.

The R-NET control modules and the OMNI II special and environmental control form the basis of our special control systems. They have been further developed as a technologically innovative basis with high standards of handling, adaptation possibilities and user-friendliness. The programmable open system leaves ample room for individual solutions.

MEYRA's special control concept comprises a wide variety of solutions such as table and chin controls as well as a vast range of joystick variants and attachments. Compatibility with many other special and environmental controls from third-party suppliers and the high expertise of MEYRA's custom design means we can make almost everything possible for you. A serial power wheelchair can therefore easily be adapted to the user's individual capabilities.

**SPECIAL CONTROL FOR TA POWER WHEELCHAIRS ON REQUEST**



- +** **Self-explanatory**  
*easy operation*
- +** **Unrivalled performance**  
*and versatility*
- +** **High customer satisfaction**  
*thanks to proven technology*
- +** **Enhancement**  
*by a wide range of special controls*

## INPUT & OPERATION



### Table control

- Integrated in tabletop
- Rotatable by 180°
- Tabletop swing-away to left or right
- On request



### Chin control

- Assembly on pushbar
- Chin operation, on/off and mode button
- Swing-away to side electric or manual
- Electric:  
CODE 565  
Art. no.: 1074111
- Manual:  
CODE 810  
Art. no.: 1072890



### External adjustment keypad

- Up to five functions for direct selection
- Integrated USB connection
- Mounting operating module side  
CODE 4615-4597  
Art. no.: 1082020
- Mounting opposite  
CODE 4615-4599  
Art. no.: 1082071



### Head control unit

- Sensitive and robust head control
- Standard head control unit with 3 mechanical buttons
- Incl. two side wings

## JOYSTICKS



### MicroPilot zero-displacement joystick

- Extremely easy to operate
- Controllable without much muscle strength
- With rest and mount:  
CODE 4600  
Art. no.: 1077314
- Without rest and mount:  
CODE 4611  
Art. no.: 1077312



### MicroGuide joystick

- Extremely easy to operate
- Controllable without much muscle strength
- With rest and mount:  
CODE 4601/  
Art. no.: 1077315
- Without rest and mount:  
CODE 4612  
Art. no.: 1077313



### Wrist rest SIMP & SIMG

- For MicroPilot and MicroGuide
- Height-adjustable
- Can be mounted inside the rotary axis offset from the centre point to the right/left
- Flex system for stable fastening right or left

## JOYSTICK ATTACHMENTS

for R-NET and VR2 control systems offer individual adaptation to the user's operating capabilities.



### Tetra fork

- Vertical
- CODE 553
- Art. no.: 1062395



### Tetra fork

- Horizontal
- CODE 556
- Art. no.: 1054119



### Tetra fork

- Adjustable to hand width
- CODE 734
- Art. no.: 1074894



### T-grip

- 80 mm
- CODE 4591
- Art. no.: 8462010



### Mushroom grip

- 48 mm
- CODE 4589
- Art. no.: 8462036



### Knob

- 38 mm
- CODE 4594
- Art. no.: 8461988



### Stick grip

- 80 mm
- CODE 4593
- Art. no.: 8461996



### Ball grip

- 38 mm
- CODE 4590
- Art. no.: 8462028



### Softball

- 70 mm
- CODE 4595
- Art. no.: 8461970



### Golf ball

- 43 mm
- Colour black
- CODE 4596

## EXTERNAL BUTTONS



### Buddy button, green

- External on/off button
- 63 mm
- Freely positionable
- CODE 543
- Art. no.: 206904500



### Buddy button, yellow

- External mode button
- 63 mm
- Freely positionable
- CODE 596
- Art. no.: 206904600



### Piko button, green

- External on/off button
- 30 mm
- Freely positionable
- CODE 778
- Art. no.: 1072885



### Piko button, yellow

- External mode button
- 30 mm
- Freely positionable
- CODE 779
- Art. no.: 1072886