



# E-POWER PRODUCTS

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# iCHAIR NEW DESIGN

## THE NEW iCHAIR-CONCEPT

The new-look iCHAIR family\*: now with new colour concept and innovative product design

# NEW OPTIONS...

iCHAIR  
NEW DESIGN



## ... FOR THE iCHAIR-MODELS\*



# MOBILE AROUND THE HOUSE

## IGO – THE MICRO ELECTRIC MOBILITY SCOOTER FOR THE SMALLEST OF SPACES

- Extremely small turning radius of 500 mm thanks to mid-wheel drive
- Perfect around the house, easily moves across carpets
- Powerful 200 W motors
- Walking stick holder and shopping basket can be integrated on the seat
- Simple operation, intuitive
- Rotatable seat for getting in and out with ease
- Easy transport, dismounts into three parts (battery, seat, chassis) without the use of tools



### IGO UP – WITH ELECTRIC SEAT LIFT

- 100 mm lift height
- 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
- Lift operated by a separate switch

## CLOU - AT HOME, AT SCHOOL, AT WORK OR IN A CARE HOME

- Compact dimensions, suitable for confined indoor spaces
- Versatile power wheelchair with VR2 controls
- Folding frame and detachable parts
- Even suitable for transport in small cars
- Individual seat and back adjustment



CLOU 9.500





# SHOPPING. TRAVELLING. WORKING



iTRAVEL  
1.054



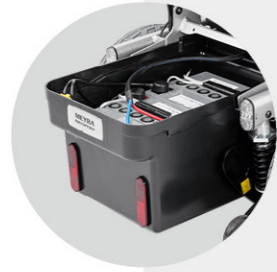
#### iTRAVEL – THE NEW POWER TRAVEL WHEELCHAIR

- Especially light, just 22 kg
- Folds in just one move
- Side panels and legrests fold in with the chair
- Back adjustment
- Flip-up armrests with gas pressure spring for easy transfer to the iTravel
- Comfort seating system with anatomically shaped state-of-the-art cold foam technology





# THE PROVEN ENTRY-LEVEL MODEL



## iCHAIR MC BASIC – THE RELIABLE ENTRY-LEVEL MODEL

- For all users not requiring electrical adjustments
- Preconfigured power chair with puncture-resistant tyres
- Easy transport thanks to folding backrest
- High-quality, impact-protected and bright LED lighting for safety even in poor visibility conditions
- Swing-away and depth-adjustable VR2 controls for comfortable operation
- Modular design and maximum compatibility of parts
- Simple and effective maintenance thanks to pull-out battery case



iCHAIR  
MC BASIC  
1.609



iCHAIR  
MC1  
1.610



## iCHAIR MC1 – THE INTELLIGENT ENTRY-LEVEL MODEL

- Electrical seat adjustments like back angle adjustment and tilt possible
- For relaxed positioning and effective pressure relief
- Use of VR2 electronics
- Pull-out battery case enables simple and effective maintenance
- Split aluminium rims for quick and easy service
- Individual choice of three castor wheel sizes and two drive wheel sizes
- High-quality, impact-protected and bright LED lighting for safety even in poor visibility conditions



# FULL SPEED AHEAD



## iCHAIR MC2 – THE REAR-DRIVE CLASSIC AND POWERFUL ALL-ROUNDER

- Compact dimensions, standard suspension and wide range of options
- Comfortable and safe
- Individually adjustable rear-wheel suspension
- Optimum support over long sitting periods and on uneven ground
- Various seating systems for individual needs
- Electric legrests ensure relaxed positioning
- Pressure relief and extension of the mobility radius due to scissor lift and electrical seat tilt



iCHAIR MC2 1.611



iCHAIR MC2 RS 1.615



## iCHAIR MC2 RS – EXCEPTIONALLY SPORTY

- Sporty and strikingly trendy
- Perfectly matching additional features make the iCHAIR MC2 RS unique
- Individually engraved side panel including red or blue LED lighting with a name of choice
- Optional 13 km/h speed and extrawide cross tyres with studded tread
- Black and red ErgoSeat cover
- Black Recaro seat unit can be integrated for comfortable sitting over long periods



# STURDY & HIGH-LEVEL COMFORT

## iCHAIR MC3 – WITH ALL-WHEEL SUSPENSION FOR STABILITY AND COMFORT

- All-wheel suspension with adjustable spring rate as standard
- Ideal ride comfort on uneven ground, impacts are compensated while moving
- 30 cm seat elevation available as an option
- Effective pressure relief thanks to electrical seat tilt
- Choice of two control modules:  
3.5" LCD colour display with integrated infrared/Bluetooth for simple smartphone and environmental control or R-NET Omni control system as a basis for a large selection of special controls, such as chin or lip control



iCHAIR  
MC3  
1.612



iCHAIR  
MC FRONT  
1.613



## iCHAIR MC FRONT – OUTSTANDING RIDE 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 smartphone 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
- Electrical seat tilt for optimum positioning and pressure relief
- Individually engraved side panel including red or blue LED lighting with a name of choice



# UNBELIEVABLY AGILE

## iCHAIR MC MID – PRECISE MANOEUVRING WITH MID-WHEEL DRIVE

- Agility in confined indoor spaces thanks to mid-wheel drive, turning on its own axis, centrally-positioned rear wheel
- Compact dimensions
- Intuitive operation thanks to control module with large 3.5" LCD colour display and integrated infrared/Bluetooth for simple smartphone and environmental control
- Various individually configurable seating systems can be integrated
- Electrical seat tilt, lying position and scissor lift for optimum positioning and pressure relief



iCHAIR  
MC MID  
1.617



iCHAIR  
ORBIT  
1.618



## iCHAIR ORBIT – THE NEW MID-WHEEL DRIVE

- Extremely compact, sturdy and agile
- Precise manoeuvring around obstacles or on the spot
- Low seat height and overall width, ideally suited for confined spaces
- Extremely intuitive operation - also with special controls
- Utmost flexibility thanks to single or double support castors and variable equipment like electrical back angle adjustment



# FOR BIG & SMALL

## iCHAIR XXL – ESPECIALLY STURDY FOR USER WEIGHT UP TO 250 KG

- Reinforced components like electric legrest and back angle adjustment
- Two powerful 350 Watt motors
- Ideal for high user weights
- Large seat widths
- Simple operation via the control module with 3.5" LCD colour display and integrated infrared/Bluetooth for simple smartphone and environmental control
- ErgoSeat seating system
- External seating systems can be integrated



iCHAIR  
XXL  
1.614



iCHAIR  
MCS  
1.616



## iCHAIR MCS – MOBILITY FOR MORE AUTONOMY

- Ideal for children and shorter users
- Eye-to-eye communication and height-difference compensation with 20 cm 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
- Central legrest with knee angle adjustment



# ALWAYS FACE TO FACE

## iCHAIR SKY – THE NEW STAND-UP CHAIR WITH MEMORY FUNCTION FOR OPTIMUM ADJUSTMENT

- 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
- Advanced lie-down function with biomechanics for armrests and headrest
- Seat tilt for optimum pressure balance
- Stand-up function possible from any position



iCHAIR  
SKY  
1.620



N2  
1.595

## N2 – STANDING FOR A HEALTHIER LIFESTYLE AND MORE INDEPENDENCE

- Modular design and entirely individual adaptation
- New mobility for a healthier and more independent lifestyle
- The movement relieves tissue stressed by sitting for too long
- Stimulates the circulation
- Numerous seat adjustments (sitting, standing and lying down, at any time and from any position)
- Options and special controls like an external adjustment button for ideal adaptation to the current and changing needs in all-day use
- Biomechanical back with electrically lowering armrests for ergonomic standing and smooth, individual motion sequences
- Easy transfer with all lower leg lengths thanks to electric foot-plate being lowerable to floor





# GET OUT AND ABOUT

## OPTIMUS 2- UNSURPASSABLE OUT OF DOORS

- Ideal for long distances out of doors
- Optimised chassis geometry enables best-possible handling
- RS version with particularly sporty look in red and black
- Single-wheel suspension and high climbing ability are ideal for high kerbs, higher slopes and challenging and rough ground
- Puncture-proof tyres with studded tread for excellent traction and off-road capability
- 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

OPTIMUS 2  
2.322



## CL409 - RELIABILITY

- Extremely robust, cassette-type chassis
- Spring-loaded comfort seat system with infinitely variable adjustment of back angle and impressive seating comfort
- Lighting system with state-of-the-art LED technology
- Clearly structured user interface for simple and intuitive handling
- Unique speed-control rocker switch for easy access to buses
- Excellent for use on buses
- Optional handbrake for bus transport at a surcharge

CL 409  
1.254





# THE FASCINATION OF MOBILITY



CITYLINER  
412  
2.364



## CITYLINER 412 – ELEGANCE FOR YOUR MOBILITY

- Features: Brake light, automatic indicator reset and extended safety package
- Automatically reduces the speed when going round bends
- Drive lever enables thumb control
- Wide range of accessories available, e.g. storage box, windscreen, bottle holder, walking aid holder or seat heating
- Throttle grip right or left

## CITYLINER 415 / 415 XL – EXCLUSIVE AND STRONG

- High performance
- Exclusive equipment: cruise control, illuminated cockpit (with time display function, trip kilometres etc.) storage compartment (at the rear, in luxury seat and in the armrests), mirror, shopping basket and multifunction LCD display
- An enjoyable ride guaranteed
- Wide range of accessories available: storage box, windscreen, rollator bracket or extra wide 600 mm luxury seat
- Spacious XL version with generous legroom for users up to 250 kg

CITYLINER  
415/415 XL  
2.664/2.764





# PRODUCT BENEFITS



NEW  
iGo up

## iGO 1.064 / iGO UP 1.06424

- Powerful 200 Watt motors
- User weight up to 120 kg
- Indoors
- Space-saving dismantling into three parts
- Easy handling
- Mid-wheel drive
- Lift function (iGo up)



## CLOU 9.500

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



NEW

## iTRAVEL 1.054

- Multifunctional seat unit
- Biometric back with simultaneously sliding armrests and legrests
- Electronic stability programme (ESP)
- Compact dimensions
- Folding



## iCHAIR MC BASIC 1.609

- Modular design, maximum compatibility of parts
- Durable and bright LED lighting
- Flexibly positionable control module bracket
- Puncture-resistant tyres



## iCHAIR MC1 1.610

- Electrical adjustments
- Easy maintenance
- Durable and bright LED lighting
- Various tyres incl. puncture-resistance



## iCHAIR MC2 1.611

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



## 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 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 MID 1.617

- Minimal turning circle, very compact
- Stable and precise handling
- Rigidly attached castor wheels
- Control of all electrical adjustments
- 350 Watt / 4-pole motors



NEW

## iCHAIR ORBIT 1.618

- Intuitive moving
- Mid-wheel drive
- Enables standing up unaided
- Programmable motion sequences
- Optimum adaptability
- Indoors and outdoors
- High complexity requirements



XXL

## iCHAIR XXL 1.614

- User weight up to 200/250 kg
- Seat width up to 77 cm
- Electric legrests, back adjustment and seat tilt
- 350 Watt motors



## iCHAIR MC S 1.616

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



## iCHAIR SKY 1.620

- Quick individual adaptation
- Large electrical adjustment ranges
- Large stand-up angle
- Biomechanical seat
- Precise manoeuvring, very agile
- Mid-wheel drive
- Memory function: saves movement patterns and positions



NEW

## N2 1.595

- Multifunctional seat unit
- Individually adaptable
- High complexity requirements
- Biomechanical back with simultaneously sliding armrests and legrests
- ESP: electronic stability programme



## OPTIMUS 2.2.322

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



## CL 409 1.254

- Reliable and durable motor
- Energy-saving LED lighting
- Comfortable spring-loaded sitting position
- Generous legroom and infinitely variable seat adjustment
- Modern design



## CITYLINER 412 2.364

- Powerful and smooth motor
- Range up to 35 km
- 400 Watt continuous output
- Light sensor



## CITYLINER 415 2.664 CITYLINER 415 XL 2.764

- Powerful 650 Watt motor continuous output
- Generous legroom
- 1,380 mm overall length
- User weight up to 180 kg (XL up to 200 kg)
- Large storage compartment at the rear
- XL with wider seat

# SPECIFICATIONS

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

	CLOU 9.500	iCHAIR MC BASIC 1.609	iCHAIR MC1 1.610	iCHAIR MC2 1.611	iCHAIR MC2 RS 1.615	iCHAIR MC S 1.616	iCHAIR MC3 1.612	iCHAIR MC MID 1.617	iCHAIR ORBIT 1.618	iCHAIR MC FRONT 1.613	iCHAIR XXL 1.614	OPTIMUS 2 2.322	iCHAIR SKY 1.620	N2 1.595 Senior Junior	
Seat width in mm	380 – 500 / 430 – 550	430 – 550	430 – 600 <sup>3)</sup>	380 – 650 <sup>7)</sup>	380 – 650 <sup>7)</sup>	300 – 440	380 – 650 <sup>10)</sup>	380 – 650	380 – 650	380 – 650	530 – 770 <sup>3)</sup>	380 – 560	400 – 530	320 – 540 <sup>14)</sup>	200 – 360 <sup>14)</sup>
Width in mm	min. 590 / max. 700	max. 590 <sup>24)</sup>	580 – 630 <sup>4)24)</sup>	580 – 620 <sup>8)24)</sup>	635 <sup>24)</sup>	580 <sup>24)</sup>	630 <sup>4)24)</sup>	630 <sup>24)</sup>	600 / 600 / 630 / 680 with 12" <sup>24)</sup> 640 / 640 / 640 / 680 with 14" <sup>24)</sup>	620 <sup>24)</sup>	670 – 920 <sup>24)</sup>	680	640 <sup>24)</sup>	660	
Seat depth in mm	430	400 – 530	400 – 560 / 400 – 560 / 500 / 480 – 530 <sup>3)</sup>	400 – 560 / 400 – 560 / 500 / 480 – 530 <sup>7)</sup>	400 – 560 / 480 – 530 <sup>7)</sup>	300 – 400	400 – 560 / 400 – 560 / 500 / 480 – 530 <sup>10)</sup>	400 – 560 / 400 – 560 / 480 – 530 <sup>12)</sup>	400 – 560 / 400 – 560 / 480 – 530 <sup>13)</sup>	400 – 560 / 400 – 560 / 480 – 530 <sup>12)</sup>	430 – 600 <sup>3)</sup>	500 / 420 – 530 / 480 – 530 <sup>10)</sup>	400 – 525	430 – 550	350 – 470
Lower leg length in mm	360 – 500	280 – 430 <sup>1)</sup>	280 – 430 / 350 – 500 / 350 – 500 / 350 – 500 <sup>3)</sup>	280 – 430 / 350 – 500 / 350 – 500 / 350 – 500 <sup>7)</sup>	280 – 430 / 350 – 500 / 350 – 500 <sup>7)</sup>	250 – 350 <sup>1)</sup>	280 – 430 / 350 – 500 / 350 – 500 / 350 – 500 <sup>10)</sup>	280 – 450 <sup>13)</sup>	280 – 450 <sup>12)</sup>	280 – 430 / 330 – 450 <sup>13)</sup>	370 – 510 <sup>3)</sup>	380 – 520 / 410 – 550 / 420 – 560 <sup>10)</sup>	250 – 390 <sup>29)</sup>	380 – 530	290 – 450
Seat height front (without seat cushion) in mm	510	440 – 510 <sup>1)</sup>	440 – 510 / 500 – 600 / 560 – 650 / 580 – 680 <sup>3)</sup>	440 – 530 / 510 – 600 / 560 – 650 / 590 – 680 <sup>7)</sup>	530 – 600 / 580 – 650 <sup>7)</sup>	420 – 470 <sup>1)</sup>	460 – 520 / 530 – 590 / 580 – 640 / 610 – 670 <sup>10)</sup>	450 <sup>13)</sup>	430, 465, 500 / 440, 475, 510 <sup>30)</sup>	440 – 510 <sup>13)</sup>	460 – 560 / 530 – 630	610 / 580 / 650	450 / 485 / 520 <sup>29)</sup>	510 – 810 <sup>15)</sup>	
Total height in mm		max. 1,010	930 – 1,130 <sup>4)</sup>	930 – 1,130 <sup>8)</sup>	1,010 – 1,130 <sup>8)</sup>	890 – 925 <sup>9)</sup>	970 – 1,140 <sup>4)</sup>	1,030 – 1,070 <sup>9)</sup>	980 – 1,060 <sup>9)28)</sup>	960 – 1,080 <sup>9)</sup>	1,020 – 1,150 <sup>3)</sup>	1,170 / 1,050 / 1,130 <sup>10)</sup>	1,080 – 1,150 <sup>28)</sup>	1,130	
Back height in mm	400 (without seat cushion)	500 <sup>1)</sup>	450 – 500 / 530 – 570 / 640 / 640 <sup>3)</sup>	450 – 500 / 530 – 570 / 640 / 640 <sup>7)</sup>	530 – 570 / 640 <sup>7)</sup>	390 / 440 <sup>9)</sup>	450 – 500 / 530 – 580 / 640 / 640 <sup>10)</sup>	450 – 500 / 530 – 580 / 640 <sup>12)</sup>	450 – 500 / 530 – 580 / 630 <sup>13)</sup>	450 – 500 / 530 – 570 / 640 <sup>12)</sup>	530 – 570 <sup>3)</sup>	640 / 550 / 640 <sup>10)</sup>	540 <sup>30)</sup>	580	
Armrest height in mm	190 – 300	240 – 350 <sup>1)</sup>	240 – 350 / 180 – 290 / 140 – 250 / 180 – 290 <sup>3)</sup>	240 – 350 / 180 – 290 / 140 – 250 / 180 – 290 <sup>7)</sup>	180 – 290 / 180 – 290 <sup>7)</sup>	180 – 250 <sup>1)</sup>	240 – 350 / 140 – 250 / 180 – 290 <sup>10)</sup>	240 – 350 <sup>13)</sup>	240 – 350 <sup>12)</sup>	240 – 350 <sup>13)</sup>	170 – 280 <sup>3)</sup>	190 – 250 / 220 – 280 / 230 – 290 <sup>10)</sup>	200 – 350 <sup>29)</sup>	200 – 235	170 – 205
Length with / without footrest in mm	1,100 / 790	1,110	1,130 / 830	1130 / 830	1,130 / 830	970 / 790	1170 / 870	910 / 850	1,180 – 1,250, 1,060 – 1,150 <sup>32)</sup> / 910	1,065 – 1,130 / 910	1,150 / 850	1,160 / 1,030	1,095	1,200	
Transport length in mm	790	840	830	830	830	790	870	840	870 – 930	910	850	1,340 / 1,160 / 1,260 <sup>10)</sup>	905	950	
Transport width min. in mm	590	590	580	580	635	580	630	630	600 – 680 <sup>2)</sup>	620	670	680	640	660	
Transport height min. in mm	910	600	560	570	590 – 660	610	590	630	630	610	860	720 / 760 / 800 <sup>10)</sup>	1,080 – 1,150	1,050	
Wheel size, front, in mm	200 x 50 (8")	225 x 70 (9")	260 x 70 (10") 230 x 70 (9") 200 x 50 (8")	260 x 70 (10") 230 x 70 (9")	260 x 70 (10")	190 x 50 (8") 225 x 70 (9")	260 x 70 (10")	180 x 50 (7")	200 x 50 (8")	352 x 75 (14")	260 x 70 (10")	360 x 120	170 x 35 (7")	356 x 84 (14")	
Wheel size, rear, in mm	320 x 60 (12.5")	320 x 60 (12.5 x 2.5")	356 x 75 (14") 320 x 60 (12.5")	356 x 75 (14") 320 x 60 (12.5")	380 x 75 (15")	320 x 60 (12.5")	356 x 75 (14")	364 x 75 (14")	325 x 58 (12.5")	230 x 70 (9")	356 x 75 (14")	320 x 100	356 x 75 (14")	230 x 70 (9")	
Max. obstacle height in mm	60	60	60 <sup>3)</sup>	60 <sup>3)</sup>	60 <sup>3)</sup>	60	60	60	60	60	60	110	60	70 <sup>16)</sup>	
Turning radius in mm	1,000	840	840	840	840	840	900	75	800 / 700 <sup>32)</sup>	650	950	1,200	640 <sup>20)</sup>	700	
Ground clearance in mm								75	70				70		
User weight in kg	120	120	120	160	160	75	160	140	120 / 160 <sup>33)</sup>	160	200 / 250	150 / 150 / 120	140	100	
Empty weight in kg	67	81 <sup>2)</sup>	100 <sup>2)</sup>	100 <sup>2)</sup>	100 <sup>2)</sup>	89 <sup>2)</sup>	108 <sup>2)</sup>	138	120 – 165	108 <sup>2)</sup>	130 <sup>2)</sup>	150 <sup>2)</sup>	173	185	
Permissible total weight in kg	210	220	280	320	320	200	320	320	270 / 330	280	340	330 / 330 / 300	340	295	
Max. additional load in kg	10	10	10	10	10	10	10	10	10	10	10	10	10	10	
Speed in km/h	6	6	6	6 / 10	6 / 13	6 / 10	6 / 10	6 / 10 / 13	6 / 10	6 / 10	6 / 10	6 / 10 / 15	6 / 10	6 / 10	
Motor power in W	2 x 180	2 x 180	2 x 180	2 x 220 / 2 x 300	2 x 300 / 2 x 350	2 x 180 / 2 x 300	2 x 220 / 2 x 300	2 x 350	2 x 180 / 2 x 350	2 x 220 / 2 x 300	2 x 300 / 2 x 350	950	2 x 350	2 x 350	
Range max. in km	30	25	28 <sup>18)</sup> 40 <sup>19)</sup>	25 – 30 <sup>17)</sup> 35 – 40 <sup>19)</sup>	35 – 40 <sup>19)</sup>	28 <sup>18)</sup> 40 <sup>19)</sup>	25 – 30 <sup>11)18)</sup> 35 – 40 <sup>11)19)</sup>	35 <sup>20)</sup> 50 <sup>19)</sup>	25 – 30 <sup>17)</sup> 35 – 40 <sup>19)</sup>	28 <sup>18)</sup> 40 <sup>19)</sup>	35 <sup>11)</sup> 30 – 35 <sup>19)</sup>	50 – 70 <sup>22)</sup>	35 <sup>20)</sup> 40 <sup>21)</sup>	approx. 35 <sup>19)</sup>	
Permitted uphill/downhill gradient in per cent	12 %	15 %	15 %	15 %	15 %	15 %	15 %	15 %	15 %	11 %	15 %	18 %	15 %	12 %	
Seat tilt, electrical, in degrees			-2° to 26° <sup>4)</sup>	-2° to 26° / 0° to 50° <sup>4)</sup>	-2° to 26° / 0° to 50° <sup>4)</sup>	0° to 22° / 0° to 30° <sup>23)</sup>	-2° to 33°	0° to 30° / 0° to 50°	0° to 30° / 0° to 50°	4° to 26° / 0° to 50°	0° to 18° <sup>6)</sup>	7° - 22° / 5° - 20° / 20° - 35° <sup>10)</sup>	40°	0° to 25°	
Back angle, electrical, in degrees			-10° to 50°	-10° to 50°	-10° to 50°	-5° to 35°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	-10° to 50°	90° to 180° <sup>31)</sup>	0° to 80°	
Seat tilt, mechanical, in degrees		0° to 10°	0° to 10°	0° to 10°	0° to 10°	0° to 10°	0° to 10°	0°, 4°	1°, 4°, 7°, 10°	4° to 10°	0° to 10°	7° - 15° / 5° - 13° / 20° - 28°			
Back angle, mechanical, in degrees		-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	-10° to 30°	0° to 30°			
Seat lift, electrical, in mm				300		200	300	300	300	300	300		200	300 / 450	
Steering type	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Indirect	Direct	Indirect	Indirect	
Stand-up aid with electrical tilt, lift 200 mm									0° to 45°						

<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 angle 4°  
<sup>4)</sup> seating systems belt / ErgoSeat  
<sup>5)</sup> 120 mm incl. step climber





# SPECIFICATIONS

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

	IGO 1.064	IGO UP 1.06424	CL 409 1.254	CITYLINER 412 2.364	CITYLINER 415 2.664	CITYLINER 415 XL 2.764	ITRAVEL 1.054	
Length in mm	760		1,200 <sup>1)</sup>	1,200	1,380	1,530	970	
Width in mm	580		610	640	680	680	560	
Height in mm	860		1,260	1,230	1,220	1,220	870	
Height, folded, in mm							300	
Seat height in mm, adjustable	370 – 450		420 – 480	450 – 525	440 – 540	440 – 540	500	
Seat depth in mm	400		410	430	480	480	380	
Back height in mm	400		450	450	640	640	480	
Seat width in mm, adjustable	470 – 570		450 – 670	450 – 660	500 / 600	500 / 600	450	
Transport height (with folded steering column and without seat) in mm	470		600	720	700	700	300	
Number of wheels	5		4	4	4	4	4	
Wheel diameter castor wheel in mm	110		260	290	315	315	170	
Wheel diameter drive wheel in mm	220		260	290	315	315	200	
Ground clearance in mm	50		100	100	110	110	70	
Max. obstacle climbing ability in mm	15		60	100	100	100	60	
Turning circle (radius) in mm	500		1,600	1,500	1,700	1,900	970	
Continuous motor power in W	200		210	400	650	650	200	
Peak motor power in W	800		850	1,600	2,500	2,500	800	
Batteries in Ah	20.8 <sup>1)</sup> 14 (5 h) <sup>2)</sup>		28.1 (5 h) / 35 (20 h)	43 (5 h) / 50 (20 h)	70 (5 h) / 79 (20 h)	70 (5 h) / 79 (20 h)	10.4 <sup>1)</sup>	
Charger in A	2		4	6	8	8	2	
Electronics in A	50		70	120	140	140	50	
Range, max. (under test conditions) in km	17 <sup>1)</sup> / 10 <sup>2)</sup>		30	35	50	50	10 <sup>1)</sup>	
Range with battery 107 Ah (20h) in km	-		-	-	up to 80	up to 80	-	
Permitted uphill / downhill gradient in degrees (per cent)	3° (6 %)		9° (16 %)	10° (16 %)	10° (18 %)	10° (18 %)	3° (6 %)	
Empty weight with battery in kg	42 <sup>1)</sup> / 47 <sup>2)</sup>		47 <sup>1)</sup> / 52 <sup>2)</sup>	91.5	110	163.5	167	23 <sup>1)</sup>
Empty weight without battery in kg								22
Permissible user weight in kg	120		136	130	180	200	120	
Permissible total weight in kg	170		230	260	355	375	150	
Speed, max., in km/h	6		6	12	15	12	6	
Lift height in mm	100		-	-	-	-	-	

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

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

<sup>3)</sup> without basket



**MEYRA GmbH**  
 Meyra-Ring 2  
 D-32689 Kalletal-Kalldorf  
 info@meyra.de  
 Fax: +49 5733 922 - 9311  
 www.meyra.com

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