

iCHAIR ORBIT

1.618

 **Allowed user weight**

120 kg

160 kg (with 350 watt motors CODE 525)





Optimal maneuverability and high stability for precise maneuvering



Compact dimensions realized by the smallest overall width and seat height



Maximum flexibility realized by single or double support wheel



High max. user weight of 160 kg

The flexible agile one

EFFICIENCY

- Effectiveness through simple maintenance and a high level of service friendliness
- Little need for repairs by implementing high value and durable parts
- Modular structure of the iChair-family enables compatibility of parts and parts groups
- Numerous adjustment possibilities enable individual adaptation
- Simplified reinstallation through perfect user size limitations, as for example a standard user weight of 160 kg

THERAPEUTIC BENEFIT

- The central leg support makes a 90° knee angle possible
- Ideal for retaining mobility at home, at the desk or in the office
- Effective pressure relief and relaxing positioning for long term sitting, through large electric adjustment sectors

FIELD OF USE

- For indoor and outdoor use, spring-mounted drive unit standard
- Especially good for indoor use: Rotating around its own axle supports in tight manoeuvres
- Precise manoeuvres through rigidly mounted steering castors
- The optional side-mounted support wheels allow easy and safe driving on single ramps
- For permanent and all-day use for independent mobility, also with extreme functional limitations
- For working and active people, who need one wheelchair for different everyday situations

ORDER

COST ESTIMATE

CUSTOM DESIGN

Please fax the completed order form to: 05733 922 9311

Customer service 05733 922 311

Billing address / Customer ref. no.:

Delivery address:

Tax-ID

Consignment / Comments:

Order quantity:

MEYRA



Allowed user weight

120 kg

160 kg (with 350 watt motors CODE 525)



Hints

Our Terms and Conditions as stated at www.meyra.de/AGB shall apply

You can find information on the measurement process at www.meyra.de/messverfahren

Valid from 01.01.2024 – 31.12.2024.

Errors, misprints and changes reserved.

Use our K.I.S.S.S. for orders and configurations at www.kisss-by-meyra.de

You avoid queries and incorrect orders thanks to the buildability check



Technical specifications

Dimension tolerances +/- 15 mm, +/- 2°

Data subject to design changes

¹⁾ see category seat width

²⁾ to seat pan without cushion

³⁾ with adjustable back

⁴⁾ seating Systems: Standard / ErgoSeat / Recaro

⁵⁾ with 350W motors

⁶⁾ measured at 0° seat angle, 12"/14"

⁷⁾ Single/central legrests

⁸⁾ CODE 38/43/48/53, with 350W + 10 mm total width

Seat widths in mm	380 - 650 ¹⁾
Seat depth in mm	400-560/400-560/480-530 ¹⁾
Front seat height in mm	430, 465, 500/440, 475, 510 ⁶⁾
Back support height in mm	450 - 500/530 - 580/640 ⁴⁾
Lower shank length in mm	280 - 450 ²⁾
Arm support height in mm	240 - 350 ²⁾
Length with central footrests in mm	1180 - 1250/1060 - 1150 ⁷⁾
Length without footrests in mm	930
Width 12 inches ready to drive in mm	600/600/630/680 ⁸⁾
Width 14 inches ready to drive in mm	640/640/640/680 ⁸⁾
Height without head support in mm	980 - 1060
Transport height min. in mm	630
Max. obstacle height in mm	60
Turning radius with central legrest in mm	700
Turn radius with single leg support in mm	800
Ground clearance	70
Transport empty weight basic configuration min.	120 kg - 165 kg
Permitted overall weight incl. options	320 kg ⁵⁾
Max. additional loading	10 kg
Driving speed	6 km/h / 10 km/h
Motor power	2 x 180/2 x 300
Range with battery 50 Ah(20h)	25 km - 35 km
Range with battery 73 Ah (20h)	35 km - 40 km
Permitted inclination/slopes	15%
Form of steering	indirect
Seat camber electric	0° to +30°/0° to +50°
Seat camber mechanical	0°, 4°, 7°, 10°
Stand-up aid (0° to -25°) with electric tilt, lift 200 mm	Seat tilt/stroke -25° to 45
Back support angle electric	-10° to +50°



Technical data *** continued

Back support angle mechanical	-10° to +30°
Lift in mm	300
Drive	Midwheel

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

00 Chassis / engine / frame options

CODE	SPEED	RANGE	MOTOR POWER	MAX. Weight.
115	6 km/h	max. 40 km	2 x 180 W	120 kg
	⚠ only in combination with operating module VR2 CODE 408			
115/525	6 km/h	max. 40 km	2 x 350 W	160 kg
117/525	10 km/h	max. 35 km	2 x 350 W	160 kg
	⚠ in Germany only i.c. with CODE 4772 TÜV certificate (accessories section) in Germany only i.c. with CODE 676 rear marking plate			
918	ESP drive stabilisation module			
	⚠ ESP driving stabilization module, only in conjunction with R-Net / LCD color display or i.V.m. OMNI II (CODE 839)			

Frame design and support wheel options

CODE	DESCRIPTION
352	Frame with rear swingarm, with a centrally suspended double support wheel
690	Frame with rear swingarm, with two side-mounted support wheels

01 Seat width (SW)

CODE	DESCRIPTION	SEAT SURFACE WIDTH
38	SW continuously adjustable from 380 to 440 mm through the arm supports	380 mm
43	SW continuously adjustable from 430 to 520 mm through the arm supports	430 mm
48	SW continuously adjustable from 480 to 600 mm through the arm supports	480 mm
53	SW continuously adjustable from 530 to 650 mm through the arm supports	530 mm

⚠ I.c.w. ErgoSeat Pro only SW 430 and 480 mm possible
With RECARO the real seat width is approx. 500 mm
Overview of RECARO seats on request

02 Castor

Code	Ø	rim	Tyres
157/146	8"	Aluminium rim	Punctured tires
157/900	8"	Aluminium rim	Puncture-proof tyres

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

03 Drive wheels in combination with front seat height (FSH)

FSH (mm) 430 440 465 475 500 510

A
 B

Color tires (front seat height)

CODE	Drive wheel / tires	Color tires (front seat height)	
		black (abrasion resistant)	grey
460/846	14" drive puncture-resistant pneumatic tyres with aluminium rims	<input checked="" type="radio"/> A	<input checked="" type="radio"/> A
460/904	14" drive puncture-proof tyres wheels with aluminium rims	<input checked="" type="radio"/> A	<input checked="" type="radio"/> A
815/846	12" aluminium rims, puncture-resistant pneumatic tyres	<input checked="" type="radio"/> B	<input checked="" type="radio"/> B
815/904	12" aluminium rims, puncture-proof tyres	<input checked="" type="radio"/> B	<input checked="" type="radio"/> B

 VSH measured at 0° seat tilt, up to seat plate height

Rear wheel options

CODE	DESCRIPTION
824	Mudguard for drive wheels

05 Seat camber

CODE	DESCRIPTION	Seat angle	LIFT
119	Mechanical seat tilting	0°/4°	
118	Electric seat tilting  only i.c. with adjustment module VR2 CODE 682 or R-Net CODE 702	0° to 30°	
4118	Electric seat tilting  only i.c. with adjustment module VR2 CODE 682 or R-Net CODE 702	0° to 50°	
27	Cross-lift 300 mm incl. tilting  only i. c. with R-Net User weight up to 140 kg	0° to 30°	300 mm
4937	Stand-up aid (0° to -25°) with electric tilt for easy transfer from wheelchair  only i. c. with CODE 4260 External adjustment module only i. c. with CODE 900 PU tyres recommended with CODE 5025 electric backrest adjustment with memory function Seat height can vary by up to 20 mm	0° bis 45°	200 mm

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

06 Seat depth (SD)

	(C-615)	(C-788)	(C-619)	(C-792)	(C-793)	(C-356)
	400 mm	430 mm	460 mm	490 mm	530 mm	560 mm
Seat depth (SD)						

07 Seat system

CODE	DESCRIPTION
561	Seat cushion
4276	Seat plate without cushion
948	ErgoSeat-seat
7206	Netti Uno Seat
7203	Netti Sit
7400	Ride Forward
7401	Ride Java

 *Netti and Ride not i.c. with SD 560 mm*

Please select by ticking the relevant boxes

S Special construction/individual solution o.r. - on request

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08 Back systems

CODE	DESCRIPTION	BACK HEIGHT
608	Round tubes, 22 mm, incl. continuous push bar ⚠ prepared for external back systems	
735	Adjustable back strap without padding	500 mm, convertible to 450 mm
736	Adjustable back strap with padding	500 mm, convertible to 450 mm
949	ErgoSeat back,	590 mm, convertible to 630 mm
2019	ErgoSeat Pro comfort back including overlay cushion ⚠ Only i.c. with SW 430 and 480 mm	590 mm, convertible to 630 mm
7201	Netti Uno Back	620 mm, convertible to 670 mm
7209	Netti Smart	620 mm, convertible to 670 mm
7207	Netti Stabil	620 mm, convertible to 670 mm
7210	Netti Super Stabil	620 mm, convertible to 670 mm
7205	Back cushion Netti Kyphotic ⚠ Not in conjunction with SW 530 mm	620 mm, convertible to 670 mm
7454	Ride Grande	

09 Optional seat units

Please consider the front height of the seat cushion: ERGOSTAR + 120 mm and RECARO + 150 mm

CODE	Seat unit	Back support	
		mechanical	electric
961	ERGOSTAR anatomically formed seat system		
579/567	RECARO S/F short seat with little side surface		
580/578	RECARO M/W long seat with very long side bolsters		
581/584	RECARO L/X long seat with pronounced lateral guidance		

⚠ Electric backrest adjustment only in conjunction with R-Net control system. Longer delivery time for RECARO seats

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

10 ErgoSeat-covers

CODE	DESCRIPTION
237	ErgoSeat cover, textile, black, with grey seams
4980	ErgoSeat-cover, incontinec, black

Options of the ErgoSeat Pro comfort back

CODE	DESCRIPTION	Mass in mm
2021	Thorax cushions, pair, large	230 x 120/60 x 125
2032	Thorax cushions, pair, small	310 x 125/70 x 140

11 Recaro remuneration

CODE	DESCRIPTION
235	Recaro cover, textile, black
254	Recaro cover, synthetic leather, black

12 Back support options (Adjustments)

CODE	DESCRIPTION
814	Continuous push bar
410	Single push handles incl. stabiliser rod
2814	Continuous push bar for RECARO seat systems ⚠ only in combination with RECARO
913	Head support, synthetic leather black
5025	Electric back adjustment with memory function only for stand-up aid code 4937 ⚠ It is recommended to use the headrest, imitation leather black (CODE 913).
401	Mechanical back support adjustment
25	Electric back support adjustment ⚠ Only in conjunction with VR2 CODE 682 or R-Net CODE 702 adjustment module. It is recommended to use the headrest, imitation leather black (CODE 913).

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

13 Arm supports and arm pads

1 = detachable 2 = height adjustable 3 = width adjustable 4 = depth adjustable

CODE	DESCRIPTION	FUNCTIONS
106	Standard arm support with upholstered arm pad and black clothes guard	1,2,3,4
4960	Side part with padded armrest, black clothes guard with colour inlay and slight depression in the armrest	1,2,3,4
21	Arm support with upholstered arm support, satined clothes guard and long angled padded arm support	1,2,3,4
24	Side part with upholstered armrest, swiveling up and angle-adjustable ⚠ only in combination with CODE 4859 operating module holder	2
14	High-quality armrests on the backrest, adjustable in width, height and angle	
4422	Armrest fixation in initial position ⚠ only i.c.w. armrest CODE 14	

Armrest hemiplegia

CODE	DESCRIPTION
4982	Hemiplegia forearm rest, swing-away a. height adjustable ⚠ Not i.c.w. CODE 24 Side panel with padded armrest, swivel-up always opposite to the control module side For forearm length to the middle of the hand 36cm +/- 2cm
4983	Extension for hemiplegia forearm shell ⚠ only i.c.w. CODE 4982 Hemi forearm support For forearm length to the middle of the hand 43cm +/- 2cm

Hand Rest Hemiplegia

CODE	DESCRIPTION
4985	Hemi hand rest flat ⚠ only in combination with CODE 4983 Hemi forearm tray
4987	Hemi hand rest with ergonomic handle on the left ⚠ only in combination with CODE 4983 hemi forearm tray Control module side right CODE 60
4986	Hemi hand rest with ergonomic handle on the right ⚠ only in combination with CODE 4983 hemi forearm tray Media module page left CODE 74

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

14 Leg supports

CODE	DESCRIPTION
93	Legrests, detachable and swing-away
92	Leg supports, swivelling upward, removable and swing-away ⚠ not i.c.w.footrest CODE 54
86	Legrests, electrically swivelling upward, removable and swing-away ⚠ only i.c.w. operating module R-NET CODE 702 not i.c.w. footrest CODE 54

Central leg support with footrest

CODE	DESCRIPTION	LS-ANGLE	LSL
5100	Central leg support, mechanically angle adjustable, incl. footplate	85°-95°	280-400 mm
5101	Central leg support, mechanically angle adjustable, incl. footplate	85°-95°	330-450 mm
4935	Central leg support electrically angle adjustable, incl. small footplates and calf plates ⚠ for FSH up to 440 mm only i. c. with CODE 702/678 R-Net with adjustment module not i. c. with RECARO only i. c. with CODE 2945 calf pads	90°-180°	200-400mm
5104	Central leg support electrically angle adjustable, incl. large footplates and calf plates ⚠ for FSH up to 475 mm only i. c. with CODE 702/678 R-Net with adjustment module not i. c. with RECARO only i. c. with CODE 2945 calf pads	90°-180°	200-450mm
4949	Central legrest, electric angle/length adjustment, incl. footplate electrically lowerable to ground level, ergonomic length compensation up to legrest angle 150° ⚠ only i. c. with CODE 702/678 R-Net with adjustment module not i. c. with RECARO only i. c. with CODE 2945 calf pads	90°-180°	350-450mm

15 Footrests

CODE	DESCRIPTION	depth	LSL
54	Continuous footrest, 60 mm depth adjustable (in 4 steps), flip-up, height and angle adjustable ⚠ Only i.c.w. legrest Code 93	150 mm	280-430mm
798	Two-piece footrest flip up, height and angle adjustable	150 mm	280-430mm

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

Footrest options

CODE	DESCRIPTION
105	Footboard adapter: abduction +/- 25 mm each side  Not i.c.w. with central legrest
822	Shoe fastening strap (pair)
823	Heel cup (pair)
2945	Calf cushion i.c. with mechanical central footrest

16 Batteries and Chargers

CODE	DESCRIPTION
5159	Maintenance-free batteries
5158	Maintenance-free batteries
731	Charger 6 A for 50 Ah
733	Charger 12 A for 80 Ah

17 Lighting

CODE	DESCRIPTION
932	Active LED-lighting front and rear acc. to StVZO

18 Joystick modules and accessories

Code	Control modules	CONTROL			
		none	2 / 682	6 / 678	8 / 4260
408	VR2				
702/415	R-NET LED				
702/416	R-NET LCD				
702/398	R-NET LCD IR/BT				
702/839	R-NET OMNI II				

 2-fold control only for electr. seat tilt and electr. backrest adjustment
Code 839 OMNI II flashing function and horn function only selectable via menu

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

External adjustment module

CODE	DESCRIPTION
4615	External adjustment keypad for directly selecting and activating five seat functions, also while driving, assembly on the control module side ⚠ Only in combination with CODE 702 R-NET Not in combination with swivelling table tops CODE 4660 and 4661 Not in combination with laterally swivelling therapy table CODE 4646
4615	External adjustment keypad for directly selecting and activating five seat functions, also while driving, assembly on the opposite side to the control module ⚠ Only in combination with CODE 702 R-NET Not in combination with swivelling table tops CODE 4660 and 4661 Not in combination with laterally swivelling therapy table CODE 4646

Key	without assignment	Back support	Seat	CM left	CM right	CM synchronous	Central legrest	Central legrest height	Seatlift
(1)									
(2)									
(3)									
(4)									
(5)									

Assembly of the operating module

CODE	DESCRIPTION
74	Assembly right
60	Assembly left

19 Operating module bracket

CODE	DESCRIPTION
4859	Operating module bracket, length adjustable
4860	Operating module bracket, length and height adjustable, swivelling to the side (e.g. on a table)

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

 Only i.c.w. continuous pushing bar CODE 814

 Not i.c.w. push handles CODE 410

20 Special operating modules

Special operating modules and special controls often have to be adapted and can therefore generally not represent a finished product.
Placement and programming must be carried out with the involvement of the user or worked out by a technician on site.
Other special controls are possible on request.

CODE	DESCRIPTION
4660	Table plate with recess (centred) for operating module, swivelling to the right  Not i.c.w. CODE 24 side panel Not i.c.w. CODE 702/839 R-NET OMNI II
4661	Table plate with recess (centred) for operating module, swivelling to the left  Not i.c.w. CODE 24 side panel Not i.c.w. CODE 702/839 R-NET OMNI II
4646	Therapy table swivelling sideways

External on/off switch

for users who can hardly operate the keys of the operating module or as an emergency/off function for accompanying person

CODE	DESCRIPTION
543	External on/off switch, diameter 63 mm, green
596	External on/off switch, diameter 63 mm, yellow
778	External on/off switch, diameter 30 mm, green
779	External on/off switch, diameter 30 mm, yellow

 Only i.c.w. joystick module R-NET with LED-Display CODE 702/416 or OMNI II Surround control CODE 839

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

Others

CODE	DESCRIPTION
4611	MicroPilot Zero-way joystick  only in combination with joystick module R-NET OMNI II CODE 702/839
4600	MicroPilot Zero-way joystick including bracket and hand pad  only in combination with joystick module R-NET OMNI II CODE 702/839
4612	MicroGuide way joystick  only in combination with R-NET OMNI II CODE 702/839 temporarily not available
4601	MicroGuide way joystick including bracket and hand pad  only in combination with R-NET OMNI II CODE 702/839 temporarily not available

Joystick attachments

CODE	DESCRIPTION
553	Tetra-fork vertical
556	Tetra-fork horizontal
734	Tetra-fork horizontal, adjustable to hand width
4589	Mushroom grip
4590	Ball grip
4591	T-grip
4593	Stem grip
4594	Button grip
4595	Softball
4596	Golf ball, small (d=43 mm)

21 software

CODE	DESCRIPTION
985	Series programming (standard)
998	Special programming (deviation from standard)

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

22 Frame colours

CODE	DESCRIPTION
5220	Frame colour as requested by custome
SEAT/BACK TUBES - ACCENT SIDE PANEL - SPLIT LEG SUPPORT - RIM INSERTS	
207	matt black structure (without rim inserts)
212	polar white
186	magic blue
227	Redmetallic
180	lemon reflex
214	sun yellow

23 Options around the wheelchair

CODE	DESCRIPTION
906	Rear-view mirror right
927	Rear-view mirror left
970	Crutch holder
833	Safety belt
4646	Therapy table swivelling sideways
590	Abduction wedge ⚠ Not i.c.w. Central leg support CODE 5100/5101/5104/4949/4935
260	Memory-function for head support
957	Rigid side cushion (pair)
954	swivel away side cushion (pair) ⚠ not i.c.w. CODE 24 side panel
781	USB charging socket
782	Universal adapter for mounting mobile phone holders ⚠ not in conjunction with R-NET OMNI II CODE 702/839 Cell phone holder not included in scope of delivery
4795	Anti-theft function, key ⚠ only i.c.w. R-NET CODE 702
4772	TUV-certificate only i.c.w. code 117
2721	Adapter set for DAHL docking station ⚠ Wheelchair-side adapter set for preparation of the Dahl docking station not in combination with CODE 4937 raising aid

Please select by ticking the relevant boxes

Special construction/individual solution o.r. - on request

Standard version: If no other selection is made, the standard version will be delivered.

Wheelchair options

CODE	DESCRIPTION
2676	Warning sign sticker  only in combination with ErgoSeat
676	Rear marking plate

24 Service

CODE	Item	DESCRIPTION
55704		Flat fee for customised parameterisation (not eligible for discounts)  The on-the-spot service covers only simple adjustment of parameter sets, such as acceleration, speed etc.
55709		Medically required parameterisation of the standing and lie-down module to customer-specific settings (not eligible for discounts)  The on-the-spot service covers simple program adjustments as well as the integration of special controls.

USER DATA

First name

Name

Street

ZIP CODE

City

Country

Birthday

Diagnosis 1

Diagnosis 2

Tel.

Mobil

E-mail

Order number

Health insurance fund / cost unit

Specialist trade Contact person/phone.

Supply specialist MEYRA

Approval info from week

ANATOMICAL DATA (IN MM)

1) Seat depth

2) Seat width

3) Chest width

4) Chest depth

5) Elbow height

6) Armpit height

7) Back height

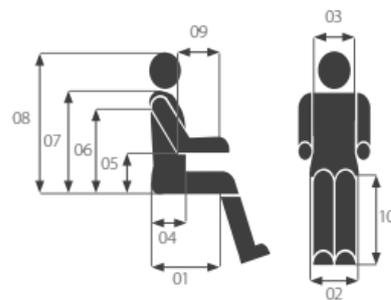
8) Head height

9) Forearm length

10) LLL

Body height

Weight (kg)



Remarks

Large empty area for remarks.

I accept the Terms and Conditions of Meyra Distribution GmbH (valid as of January 2023)

<https://www.meyra.com/gtc/>

Date

Date input field

City

City input field

Signature

Signature input field