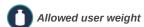
# **ICHAIR ORBIT**

1.618





120 kg

160 kg (with 350 watt motors CODE 525)











(CODE 118)





**ICHAIR ORBIT** 

Rascal Rehab EMOB v7 June 2023 Images are for illustrative purposes only E.O. & E.



Optimal maneuverability and high stability for precise maneuvering



Compact dimensions realized by the smallest overall width and seat heiaht



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 Effective pressure relief and relaxing compatibility of parts and parts groups
- · Numerous adjustment possibilities enable individual adaptation
- Simplified reinstallment 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
- 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
- · 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

O COST ESTIMATE

**CUSTOM DESIGN** 

Please Email completed form to *rehab@electricmobility.co.uk* Phone *01460 258100* for enquires.



Allowed user weight

120 kg

160 kg (with 350 watt motors CODE 525)

£5,727





Dimension tolerances +/- 15 mm, +/- 2° 4 seating Systems: Standard / ErgoSeat / Recaro  Data subject to design changes 5 with 350W motors  1 see category seat width 6 measured at 0° seat angle, 12"/14"  2 to seat pan without cushion 7 Single/central legrests  3 with adjustable back 6 CODE 38/43/48/53, with 350W + 10 mm total width	
<ul> <li>see category seat width</li> <li>measured at 0° seat angle, 12"/14"</li> <li>to seat pan without cushion</li> <li>Single/central legrests</li> </ul>	
<sup>3)</sup> with adjustable back <sup>8)</sup> CODE 38/43/48/53. with 350W + 10 mm total width	
Seat widths in mm 380 - 68	50 <sup>1)</sup>
Seat depth in mm 400-560/400-560/480-530	) 1)
Front seat height in mm 430, 465, 500/440, 475, 5	10 <sup>6)</sup>
Back support height in mm 450 - 500/530 - 580/64	0 4)
Lower shank length in mm 280 - 45	50 <sup>2)</sup>
Arm support height in mm 240 - 35	50 <sup>2)</sup>
Length with central footrests in mm 1180 - 1250/1060 - 115	io <sup>7)</sup>
Length without footrests in mm 93	30
Width 12 inches ready to drive in mm 600/600/630/68	0 8)
Width 14 inches ready to drive in mm 640/640/68	0 8)
Height without head support in mm 980 - 106	60
Transport height min. in mm	30
Max. obstacle height in mm	60
Turning radius with central legrest in mm	00
Turn radius with single leg support in mm 80	00
Ground clearance	70
Transport empty weight basic configuration min. 120 kg - 165	kg
Permitted overall weight incl. options 320	kg <sup>5)</sup>
Max. additional loading	kg
Driving speed 6 km/h / 10 km	m/h
Motor power 2 x 180/2 x 38	00
Range with battery 50 Ah(20h) 25 km - 35	km
	km
Range with battery 73 Ah (20h) 35 km - 40	KIII
	%
	%
Permitted inclination/slopes 15	ect
Permitted inclination/slopes 15 Form of steering indire	% ect
Permitted inclination/slopes  Form of steering  Seat camber electric  15  0° to +30°/0° to +5	% ect 50°







### Technical data \*\*\* continued

Back support angle mechanical -10° to +30°

Lift in mm	300

Drive Midwheel

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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.

### On Chassis / engine / frame options

CODE	SPEED	RANGE	MOTOR POWER	MAX. Weight.
115	6 km/h	max. 40 km	2 x 180 W	120 kg
	$oldsymbol{\Lambda}$ only in combination with operating module VR2	? CODE 408		
115/525	6 km/h	max. 40 km	2 x 350 W	160 kg <b>£423</b>
117/525	10 km/h	max. 35 km	2 x 350 W	160 kg £635
	♠ in Germany only i.c. with CODE 4772 TÜV cern in Germany only i.c with CODE 676 rear marking	,	ection)	
918	ESP drive stabilisation module			£1,506
	A ESP driving stabilization module, only in conju	nction with R-Net / LCI	O 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	£167

# 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	

he relevant boxes	S	Special construction/individual solution o.r on request
If no other selection is made, the standard version will be	e de	livered.

# OB Drive wheels in combination with front seat height (FSH)

FSH (mm) 430 440 465 475 500 510 14" Drive wheels B 12" Drive wheels

#### Color tires (front seat height)

CODE	Drive wheel / tires black	(abrasion resistant)	grey
460/846	14" drive puncture-resistant pneumatic tyres with aluminium rims	□ <b>A</b> £97	□ <b>A</b> £97
460/904	14" drive puncture-proof tyres wheels with aluminium rims	□ <b>A</b> £52	□ <b>A</b> £52
815/846	12" aluminium rims, puncture-resistant pneumatic tyres	□ <b>B</b> £45	□ <b>B</b> £45
815/904	12" aluminium rims, puncture-proof tyres	□ <b>B</b> £0	□ <b>B</b> £0

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

### Rear wheel options

#### CODE **DESCRIPTION**

**3** 824 Mudguard for drive wheels £106

### 05 Seat camber

CODE	DESCRIPTION	Seat angle	LIFT
119	Mechanical seat tilting	0°/4°	£0
118	Electric seat tilting  • only i.c. with adjustment module VR2 CODE 682 or R-Net CODE 702	0° to 30°	£0
4118	Electric seat tilting  • only i.c. with adjustment module VR2 CODE 682 or R-Net CODE 702	0° to 50°	£106
27	Cross-lift 300 mm incl. tilting  • only in combination with R-Net	0° to 30°	300 mm £ 010
4937	Stand-up aid (0° to -25°) with electric tilt for easy transfer from wheelchair  • Only i.c. with CODE 4260 8-way adjustment module  only i.c. with CODE 900 puncture-proof tyres for castor wheels  we recommend combining with CODE 5025 Electric back adjustment with memory	0° bis 45°  v function	200 mm £4,379

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Please select by ticking the relevant boxes

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

sion: 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)						۵
	£0	£0	£0	£0	£0	£68

# 07 Seat system

 CODE	DESCRIPTION	
561	Seat cushion	
4276	Seat plate without cushion	
948	ErgoSeat-seat	£192
7206	Netti Uno Seat	
7203	Netti Sit	£387
7400	Ride Forward	£1,044
7401	Ride Java	Please enquire

⚠ 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

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

### 08 Back systems

CODE	DESCRIPTION	BACK HEIGHT	
608	Round tubes, 22 mm, incl. continuous push bar prepared for external back systems		£88
737	Standard back strap, black Height	500 mm, convertible to 450 mm	
736	Adjustable strap, black,	500 mm, convertible to 450 mm	£81
949	ErgoSeat back,	590 mm, convertible to 630 mm	£192
2019	ErgoSeat Pro comfort back including overlay cushion  • Only i.c. with SW 430 and 480 mm	590 mm, convertible to 630 mm	£347
7201	Netti Uno Back	620 mm, convertible to 670 mm	£315
7209	Netti Smart	620 mm, convertible to 670 mm	£315
7207	Netti Stabil	620 mm, convertible to 670 mm	£527
7210	Netti Super Stabil	620 mm, convertible to 670 mm	£594
7205	Back cushion Netti Kyphotic  • Not in conjunction with SW 530 mm	620 mm, convertible to 670 mm	£705
7454	Ride Grande		£986

# 09 Optional seat units

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

#### **Back support**

CODE	Seat unit	mechanical	electric
961	ERGOSTAR anatomically formed seat system		
579/567	RECARO S/F short seat with little side surface	□ £1,949	□ £3,409
580/578	RECARO M/W long seat with very long side bolsters	□ £2,097	□ £2,545
581/584	RECARO L/X long seat with pronounced lateral guidance	□ £2,079	□ £3,963

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

Please select by ticking the relevant boxes

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

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, incontinenc, black

### Options of the ErgoSeat Pro comfort back

CODE	DESCRIPTION	Mass in mm	
2021	Thorax cushions, pair, large	230 x 120/60 x 125	£297
2032	Thorax cushions, pair, small	310 x 125/70 x 140	£284

# 11 Recaro remuneration

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

# 12 Back support options (Adjustments)

CODE
------

814	Continuous push bar	
410	Single push handles incl. stabiliser rod	£126
2814	Continuous push bar for RECARO seat systems  • only in combination with RECARO	£196
913	Head support, synthetic leather black	£203
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).	£1,335
401	Mechanical back support adjustment	
25	Electoràcskuppandtjustment  A Only in conjunction with VR2 CODE 682 or R-Net CODE 702 adjustment modul <b>e</b> t is recommended to use the ho	£493 eadrest

Please select by ticking the relevant boxes

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

ndard 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	FUNCTIO	ONS
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 depression1;2,3,4 the armrest		£ 5
21	Arm support with upholstered arm support, satined clothes guard and long angled padde arm support	d1,2,3,4	£221
24	Side part with upholstered armrest, swiveling up and angle-adjustable  • only in combination with CODE 4859 operating module holder	2	£4
14	High-quality armrests on the backrest, adjustable in width, height and angle		£ 54
4422	Armrest fixation in initial position  • only i.c.w. armrest CODE 14		£54

### 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	£ 4
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	£5

### Hand Rest Hemiplegia

CODE	DESCRIPTION	
4985	Hemi hand rest flat	£5
	⚠ only in combination with CODE 4983 Hemi forearm tray	
4987	Hemi hand rest with ergonomic handle on the left	£5
	⚠ 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	£5
	🛕 only in combination with CODE 4983 hemi forearm tray Media module page left CODE 74	
	4987	<ul> <li>Hemi hand rest flat         <ul> <li>only in combination with CODE 4983 Hemi forearm tray</li> </ul> </li> <li>Hemi hand rest with ergonomic handle on the left         <ul> <li>only in combination with CODE 4983 hemi forearm tray Control module side right CODE 60</li> </ul> </li> <li>Hemi hand rest with ergonomic handle on the right</li> </ul>

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Please select by ticking the relevant boxes

Standard version:

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

### 4 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	£198
□ 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	£1,006

### Central leg support with footrest

CODE	DESCRIPTION	LS-ANGLE	LSL	
5100	Central leg support, mechanically angle adjustable, incl. footplate	85°-95°	280-400 mm	£277
5101	Central leg support, mechanically angle adjustable, incl. footplate	85°-95°	330-450 mm	
4935	Central leg support electrically angle adjustable, incl. small footplates calf plates  • For VSH up to 440 mm  Only in conjunction with CODE 702/678 R-Net with adjustment module Not i.c. with RECARO  Only i.c. with CODE 945 Calf padding	s an9x00°-180°	200-400mm	£1,317
5104	Central leg support electrically angle adjustable, incl. large footplates ar \$\text{00}^\circ\$-180° calf plates  For FSH from 475 mm  Only i.c.w. CODE 702/678 R-Net with adjustment module  Not i.c.w RECARO  Only i.c.w. CODE 945 Calf pad		200-450mm	£1,407
4949	Central legrest, electric angle/length adjustment, incl. footplate electrically lowerable to ground level, ergonomic length compensatio up to legrest angle 150°  • Only i.c.w. CODE 702/678 R-Net with adjustment module Not i.c.w. RECARO Only i.c.w. CODE 945 calf pad	90°-180° n	350-450mm	£1,508

# 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 £239
798	Two-piece footrest flip up, height and angle adjustable	150 mm	280-430mm

S Special construction/individual solution o.r. - on request Please select by ticking the relevant boxes If no other selection is made, the standard version will be delivered.

#### **Footrest options**

	CODE	DESCRIPTION	
۵	105	Footboard adapter: abduction +/- 25 mm each side  •• Not i.c.w. with central legrest	£108
	822	Shoe fastening strap (pair)	£48
	823	Heel cup (pair)	£95
	2945	Calf cushion i.c. with mechanical central footrest	£374

# 16 Batteries and Chargers

CODE	DESCRIPTION	
5159	Maintenance-free batteries	
5158	Maintenance-free batteries	£264
731	Charger 6 A for 50 Ah	
733	Charger 12 A for 80 Ah	£282

# 1 Lighting

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

### 18 Joystick modules and accessories

#### **CONTROL**

Code	Control modules	none	2 / 682	6 / 678	8 / 4260
408	VR2		٠		
702/415	R-NET LED			٥	□ £1,290
702/416	R-NET LCD			□ £363	□ £1,653
702/398	R-NET LCD IR/BT			□ £1,085	□ £2,375
702/839	R-NET OMNI II			□ £1,980	□ £3,270

⚠ Double control only for electr. seat tilt and electr. backrest adjustment

	Pl	ease	sele	ect	by	ticking	the	releva	ınt	boxes

S 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

#### **DESCRIPTION** CODE

4615	External adjustment keypad for directly selecting and activating five seat functions, also while driving, a	assembly on
	the control module side	£1.407
	↑ Only in combination with CODE 702 R-NET	21,407

⚠ Only in combination with CODE 702 R-NET

4615 External adjustment keypad for directly selecting and activating five seat functions, also while driving, assembly on the opposite side to the control module £1,407

K ewithout assignmen®ack			Tilt	Leg left	Leg right	CM synch	ro CM length	CM height	Seat lift
(1)					۵		٠		
(2)					۵		٠		
(3)							٠		
(4)							٠		
(5)					۵				

### Assembly of the operating module

#### **DESCRIPTION** CODE

74	Assembly right
<b>a</b> 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)	
	4874	Protection bar for operating module VR2 and R-NET	£61
0	851	Operating module bracket for accompanying person (operating module can be moved from the front to <i>Moly i.c.w. continuous pushing bar CODE 814</i>	the rear) £171
	4789	Additional operating module with priority switch for accompanying person, incl. assembly on the frame <i>Not i.c.w. push handles CODE 410</i>	tube £572

Please select by ticking the	e relevant boxes	S	Special construction/individual solution o.r on reques
Standard version:	If no other selection is made, the standard version will	be de	delivered.

### 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	
0	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	£331
	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	£331
	4646	Therapy table swivelling sideways	£327

#### 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	
۵	543	External on/off switch, diameter 63 mm, green	£223
	596	External on/off switch, diameter 63 mm, yellow	£196
	778	External on/off switch, diameter 30 mm, green	£239
	779	External on/off switch, diameter 30 mm, yellow	£239

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

#### **Others**

	CODE	DESCRIPTION	
ū	4611	MicroPilot Zero-way joystick  ⚠ only in combination with joystick module R-NET OMNI II CODE 702/839	£4,113
	4600	MicroPilot Zero-way joystick including bracket and hand pad  • only in combination with joystick module R-NET OMNI II CODE 702/839	£4,959
	4612	MicroGuide way joystick  A only in combination with joystick module R-NET OMNI II CODE 702/839	£504
0	4601	MicroGuide way joystick including bracket and hand pad  ⚠ only in combination with joystick module R-NET OMNI II CODE 702/839	£4,964

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Please select by ticking the relevant boxes

S

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

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

### Joystick attachments

CODE	DESCRIPTION	
553	Tetra-fork vertical	£149
556	Tetra-fork horizontal	£149
734	Tetra-fork horizontal, adjustable to hand width	£117
4589	Mushroom grip	£41
4590	Ball grip	£41
4591	T-grip	£75
4593	Stem grip	£61
4594	Button grip	£41
4595	Softball	£68
4596	Golf ball, small (d=43 mm)	£90

# 21 software

#### CODE DESCRIPTION

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

# 22 Frame colours

CODE	DESCRIPTION	
5220	Frame colour as requested by customer	£302
	SEAT/BACK TUBES - ACCENT SIDE PANEL - SPLIT LEG SUPPORT - RIM INSERTS	
207	matt black structure (without rim inserts)	
212	polar white	£102
186	magic blue	£102
227	Redmetallic	£102
180	lemon reflex	£102
214	sun yellow	£102

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Please select by ticking the relevant boxes

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

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

# 23 Options around the wheelchair

	CODE	DESCRIPTION	
	906	Rear-view mirror right	£50
	927	Rear-view mirror left	£50
	970	Crutch holder	£70
	833	Safety belt	
	4646	Therapy table swivelling sideways	£327
	590	Abduction wedge  •• Not i.c.w. Central leg support CODE 5100/5101/5104/4949/4935	£192
	260	Memory-function for head support	£50
	957	Rigid side cushion (pair)	£169
	954	swivel away side cushion (pair)  • not i.c.w. CODE 24 side panel	£493
	781	USB charging socket	£169
	782	Universal adapter for mounting mobile phone holders  A not in conjunction with R-NET OMNI II CODE 702/839 Cell phone holder not included in scope of delivery	£97
	4795	Anti-theft function, key  •• only i.c.w. R-NET CODE 702	£50
	4772	TUV-certificate only i.c.w. code 117	
0	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	£1,038

### Wheelchair options

#### CODE DESCRIPTION

<b>2</b> 676	Warning sign sticker  • only in combination with ErgoSeat	£95
<b>□</b> 676	Rear marking plate	£95

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#### **USER DATA**

First name

Name

Street

ZIP CODE

City

Country

Birthday

Diagnosis 1

Diagnosis 2

Tel.

Mobil

E-mail

Order number

#### 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)

