

# OPTIMUS 2 & OPTIMUS 2 RS

2.322

**RASCAL**  
REHAB



## Allowed user weight

150 kg (including load)

120 kg (including load) at version 15 km/h



Optimus 2 incl. RS  
Edition (CODE 2201)



Optimus 2 incl. RS  
**with Tilt** Edition  
(CODE 118)



Optimus 2  
Oceanblue



Optimus 2  
Silvermetallic

**MEYRA**

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



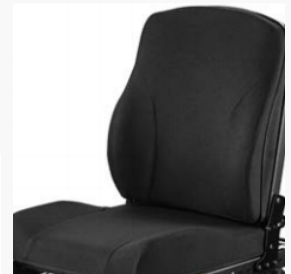
alloy wheels



Comfortable operation



Excellent traction and off-road capability



Optimal sitting comfort – optimal adaptability

## Excellent strength - Super Power

### EFFICIENCY

- Long service life due to top-quality materials and precision tubular steel frame for utmost resilience (user weight up to 150 kg incl. additional load), with 15 km/h 120 kg incl. additional load)
- Simple adaptation, even retrospective, of driving characteristics, extra fitting options, special controls and seat units
- The serial R-NET-electronic enables simple operation and perfect programming
- Long term safety in spare part provision through a wide spread specialist dealer network
- Little need for repairs by implementing high value and durable parts

### THERAPEUTIC BENEFIT

- Very good safety concept of the parts, e.g. halogen headlights and serial drum brakes
- Choice of different seat units for perfect support
- Even for complex provision, e.g. with electric seat and back angle adjustment
- Individually programmable driving characteristics enable a tailored adaptation to the driving behaviour of the user, indoors and outside
- Various special control units possible

### FIELD OF USE

- For permanent, all-day everyday use, mainly outdoors
- Users, who require a manual wheelchair or walking aids indoors, may need more support outdoors
- Direct steering gives a great amount of safety and dependability when driving outdoors
- A high level of hill-climbing ability through the single suspension is ideal for rough terrain
- Achieving long distances is made possible through perfect driving characteristics and where needed large batteries
- Small turning radius for indoor use

☒ ORDER

☐ COST ESTIMATE

☐ CUSTOM DESIGN

Please Email completed form to [rehab@electricmobility.co.uk](mailto:rehab@electricmobility.co.uk) Phone 01460 258100 for enquires.

Dealer Name

Address

Post Code

Telephone Number

Date

**MEYRA**



Optimus 2 incl. RS  
Edition (CODE 2201)



### Basic equipment

- Batteries
- Battery charger



### Allowed user weight

150 kg (including load)  
120 kg (including load) at version 15 km/h

- Side part with upholstered armrest
- Leg supports, removable and swivelling

**£6,530**



## Technical specifications

<sup>1)</sup> seating systems ERGOSTAR / ErgoSeat / RECARO

<sup>2)</sup> see category seat width

<sup>3)</sup> under test conditions with battery 107 Ah (20h)

<sup>4)</sup> For range see also category 00

<sup>5)</sup> With 6, 10 or 15 km/h version

<sup>6)</sup> depending on version





<sup>7)</sup> without legrests and without armrests

Seat widths in mm	380 - 560 <sup>2)</sup>
Seat depth in mm	ERGOSTAR 500 / ErgoSeat 420 - 530 / RECARO 480 - 530 <sup>1)</sup>
Back support height in mm	ERGOSTAR 640 / ErgoSeat 550 / RECARO 640 <sup>1)</sup>
Lower shank length in mm	ERGOSTAR 380 - 520 / ErgoSeat 410 - 550 / RECARO 420 - 560 <sup>1)</sup>
Arm support height in mm	ERGOSTAR 190 - 250 / ErgoSeat 220 - 280 / RECARO 230 - 290 <sup>1)</sup>
Front seat height in mm	ERGOSTAR 610 / ErgoSeat 580 / RECARO 650
Length with leg supports in mm	1160
Length without leg supports in mm	1030
Width ready to drive in mm from	680
Height without head support in mm	ERGOSTAR 1170 / ErgoSeat 1050 / RECARO 1130 <sup>1)</sup>
Transport length in mm	ERGOSTAR 1340 / ErgoSeat 1160 / RECARO 1260 <sup>1)</sup>
Transport height min. in mm	ERGOSTAR 720 / ErgoSeat 760 / RECARO 800 <sup>1)</sup>
Front wheel size in mm	360 X 120
Rear wheel size in mm	320 X 100
Max. obstacle height in mm	110
Turning radius in mm	1200
Range with battery 107 AH (20h)	50 - 70 km
Transport empty weight basic configuration min.	150 kg <sup>3)7)</sup>
User weight	ERGOSTAR 150 kg / ErgoSeat 150 kg / RECARO 120 kg <sup>5)</sup>
Permitted overall weight incl. options	ERGOSTAR 330 kg / ErgoSeat 330 kg / RECARO 300 kg <sup>5)</sup>
Max. additional loading	10 kg
Driving speed	6 km/h / 10 km/h / 15 km/h
Motor power	950 W <sup>5)</sup>
Permitted inclination/slopes	18%
Form of steering	direct
Seat camber electric	ERGOSTAR 7-22° / ErgoSeat 5-20° / RECARO 20-35° <sup>1)</sup>
Seat camber mechanical	ERGOSTAR 7-15° / ErgoSeat 5-13° / RECARO 20-28° <sup>1)</sup>
Back support angle electric	-10° - 50°
Back support angle mechanical	0° - 30°
Drive	Front

☐ 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/Motorisation**

CODE	SPEED	RANGE	MOTOR POWER	
<input type="checkbox"/> 115	6 km/h	approx. 70 km	950 W	
<input type="checkbox"/> 117	10 km/h  in Germany only in conjunction with rear marking CODE 676 or CODE 2676	approx. 60 km	950 W	£88
<input type="checkbox"/> 150	15 km/h (manufacturer setting, throttled to 12 km/h) Only in conjunction with lap belt with belt buckle CODE 833	approx. 50 km	950 W	£135

**01 Seat width (SW)**

CODE	DESCRIPTION
<input type="checkbox"/> 43	SW 430 mm stepless adjustable via armrests (380-500 mm)  only i.C. with ErgoSeat CODE 948/949 only i.C. with Arm support CODE 106
<input type="checkbox"/> 48	SW 480 mm stepless adjustable via armrests (480-530 mm)  only i.C. with ErgoSeat CODE 948/949 only i.C. with Arm support CODE 106
<input type="checkbox"/>	SB 500 mm adjustable via side panels  only i.C. with ERGOSTAR CODE 961
<input type="checkbox"/>	SW 490-560 mm  only i.C. with RECARO Seating System

**02 Wheels (tyres, colour)**

: Tyres consist of a rubber compound which may leave permanent marks or be hard to remove from some surfaces (e.g. plastic, wooden or parquet flooring, rugs and carpets).

We cannot accept liability for any abrasion damage to flooring.

CODE	DESCRIPTION	
<input type="checkbox"/> 482	Pneumatic tires with lug profile on aluminum rims	
<input type="checkbox"/> 904	Puncture-proof tires (lug profile ) on aluminum rims	£365
<input type="checkbox"/> 909	Tires gray	
<input type="checkbox"/> 908	Tires black	

☐ 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.

### Wheel options

CODE	DESCRIPTION	
<input type="checkbox"/> 816	Splash guard for steering wheels	£138
<input type="checkbox"/> 4779	Mudguard for drive wheels	£165
<input type="checkbox"/> 72	Drum Brake	

### Tire pressure monitoring system

Item	DESCRIPTION	
<input type="checkbox"/> 1080617	Tire pressure monitoring system	Please enquire

### 05 Seat camber

CODE	DESCRIPTION	Seat angle	
<input type="checkbox"/> 118	Electric seat tilt, infinitely variable by 15°	5°-20°	£655
<input type="checkbox"/> 119	Mechanical seat tilting	4°-12°	

☐ 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.

## 07 Seat-/back systems

### Back systems

CODE	Seat system	without back	ErgoSeat shell (4268)	ErgoSeat cushion (949)	ErgoSeatPRO (2019)
593	Without seat plate	<input type="checkbox"/>	<input type="checkbox"/> £232	<input type="checkbox"/> £331	
4276	Seat plate without cushion	<input type="checkbox"/> £48	<input type="checkbox"/> £280	<input type="checkbox"/> £379	
948/43	ErgoSeat (SW 430mm)		<input type="checkbox"/> £604	<input type="checkbox"/> £703	<input type="checkbox"/> £818
948/48	ErgoSeat (SW 480mm)		<input type="checkbox"/> £604	<input type="checkbox"/> £703	<input type="checkbox"/> £818

Explanations back:

ErgoSeat shell includes back shell and push bar

ErgoSeat cushion includes back shell, cushion and push bar

EroSeatPro includes a comfort back with cover cushion, height 530mm convertible to 570mm

## Optional seat units

### Back support

CODE	Seat unit	mechanical	electric
961	ERGOSTAR anatomically formed seat system	<input type="checkbox"/>	
579/567	RECARO S/F short seat with little side surface	<input type="checkbox"/> £1,845	<input type="checkbox"/> £2,581
580/578	RECARO M/W long seat with very long side bolsters	<input type="checkbox"/> £1,845	<input type="checkbox"/> £3,168
581/584	RECARO L/X long seat with pronounced lateral guidance	<input type="checkbox"/> £1,845	<input type="checkbox"/> £3,162

 ERGOSTAR option is not crash tested

☐ 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.

### ErgoSeatPRO accessory back

CODE	DESCRIPTION	Mass in mm	
<input type="checkbox"/> 2032	Thorax cushions, pair, small	230 x 120/60 x 125	£284
<input type="checkbox"/> 2021	Thorax cushions, pair, large	310 x 125/70 x 140	£282





### 08 ErgoSeat-covers

CODE	DESCRIPTION
<input type="checkbox"/> 237	ErgoSeat-cover, textile, black  Only i.c.w. ErgoSeat seat or back CODE 948 or 949
<input type="checkbox"/> 4980	ErgoSeat cover, ErgoSeat cover, water-repellent, black  Only i.c.w. ErgoSeat seat or back CODE 948 or 949
<input type="checkbox"/> 297	ErgoSeat cover, textile, red/black RS Edition  only in conjunction with CODE 2201 RS Edition

### 09 RECARO-Covers

CODE	DESCRIPTION
<input type="checkbox"/> 235	RECARO textile cover, black
<input type="checkbox"/> 3254	RECARO synthetic leather cover, black

### 10 Back support options (Adjustments)

CODE	DESCRIPTION	Adjustments
<input type="checkbox"/> 814	Push bar transverse for RECARO seating system  Not i.c. with ErgoSeat back CODE 949	£160
<input type="checkbox"/> 913	Head support, removable  Only i.c. with ERGOSTAR CODE 961 or ErgoSeat back CODE 949/4268/2019	£282
<input type="checkbox"/> 401	Mechanical back support adjustment  Only i.c. with ErgoSeat back CODE 949/4268/2019	-10° to 30° 10° increments
<input type="checkbox"/> 25	Electric back support adjustment  only in conjunction with ErgoSeat back CODE 949, 4268 or 2019	-10° to 50° infinitely variable




☐ 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.


## 11 Arm supports and arm pads

CODE	DESCRIPTION	
<input type="checkbox"/> 106	Arm support with upholstered arm support, height adjustable and removable	£138
<input type="checkbox"/> 24	Arm support with upholstered arm support, swivelling upward and angle adjustable	
	 Only i.c.w. ERGOSTAR and operating module bracket CODE 4859 or 828	

## 12 Leg supports

CODE	DESCRIPTION	
<input type="checkbox"/> 93	Legrests, detachable and swing-away	
<input type="checkbox"/> 92	Leg supports, swivelling upward, removable and swing-away	£189
	 not i.c.w. Footrest CODE 54	
<input type="checkbox"/> 99	Reinforced leg supports, firmly mounted	£306
	 not i.c.w. Footrest CODE 54	
<input type="checkbox"/> 86	Legrests, electrically swivelling upward, removable and swing-away	£1,204
	 not i.c.w. Footrest CODE 54	



## 13 Footrests

CODE	DESCRIPTION	depth	LSL
<input type="checkbox"/> 54	Continuous footrest, 60 mm depth adjustable (in 4 steps), flip-up, height and angle adjustable	150 mm	380-480mm
	 Only i.c.w. legrest Code 93		£198
<input type="checkbox"/> 798	Two-piece footrest flip up, height and angle adjustable	150 mm	380-480mm

### Footrest option

CODE	DESCRIPTION	
<input type="checkbox"/> 822	Shoe fastening strap (pair)	£41
<input type="checkbox"/> 823	Heel cup (pair)	£79

☐ 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 Batteries and Chargers**

CODE	DESCRIPTION		
<input type="checkbox"/> 5160	Maintenance-free batteries	66 Ah (5h), 80 Ah (20h)	
<input type="checkbox"/> 5155	Maintenance-free batteries  Only i.c. with charger CODE 733	about 88 Ah (5h), 107 Ah (20h)	£331
<input type="checkbox"/> 5161	Maintenance-free batteries  Only i.c. with charger CODE 733	about 110 Ah (5h), 125 Ah (20h)	£522
<input type="checkbox"/> 732	Charger 8 A	80 Ah (20h)	
<input type="checkbox"/> 733	Charger 12 A	recommended for 107 Ah and 125 Ah	£210

**15 Lighting**

CODE	DESCRIPTION
<input type="checkbox"/> 932	Active lighting


**16 Joystick modules and accessories**

\*R-NET LED - Bedienmodul R-NET mit LED-Display (Ansteuerung aller Verstellmotoren und Lichtanlage)  
 R-NET LCD - Bedienmodul R-NET mit LCD-Farb-Display (Ansteuerung aller Verstellmotoren und Lichtanlage)

**CONTROL**

Code	Control modules	none	2 / 682	6 / 678	8 / 4260
702/415	R-NET LED			<input type="checkbox"/>	
702/416	R-NET LCD			<input type="checkbox"/>	£221
702/398	R-NET LCD IR/BT			<input type="checkbox"/>	£905
702/839	R-NET OMNI II			<input type="checkbox"/>	£1,980

**17 Operating module bracket**

CODE	DESCRIPTION	
<input type="checkbox"/> 4859	Operating module bracket, length adjustable	
<input type="checkbox"/> 4860	Operating module bracket, length and height adjustable, swivelling to the side (e.g. on a table)  Not i.c.w. arm supports CODE 24	£239


☐ 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.**Assembly of the operating module**

CODE	DESCRIPTION	CONTROLS
<input type="checkbox"/> 74	Assembly right	
<input type="checkbox"/> 60	Assembly left	

**19 software**

CODE	DESCRIPTION
<input type="checkbox"/> 985	Series programming (standard)
<input type="checkbox"/> 998	Special programming (deviation from standard)

**20 Frame colours**




CODE	DESCRIPTION	
<input type="checkbox"/> 2201	RS-Edition	£615
	 only in conjunction with Ergo-Seat CODE 948 and CODE 949	
<input type="checkbox"/> 134	Ocean blue	
<input type="checkbox"/> 183	Silver-metallic	
<input type="checkbox"/> 216	Deep black	£345

☐ 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.

## 21 Options around the wheelchair

CODE	DESCRIPTION	
<input type="checkbox"/> 4795	Anti-theft function, key  only i.c. with R-Net	£36
<input type="checkbox"/> 833	Safety belt	£68
<input type="checkbox"/> 906	Rear-view mirror right	£68
<input type="checkbox"/> 927	Rear-view mirror left	£68
<input type="checkbox"/> 970	Crutch holder	£99
<input type="checkbox"/> 539	Amplified horn	£99
<input type="checkbox"/> 930	Therapy table swivelling sideways	£581
<input type="checkbox"/> 781	USB charging socket	£180
<input type="checkbox"/> 782	Receptacle for mobile phone bracket	£88
<input type="checkbox"/> 2676	Warning sign sticker  Only in combination with ErgoSeat	£75
<input type="checkbox"/> 676	Rear marking plate  only i.C. with ERGOSTAR or RECARO only i.C. with Push bar CODE 814	£75
<input type="checkbox"/> 994	Baggage rack	£99
<input type="checkbox"/> 993	Baggage box, black  not i.C. with electric back adjustment CODE 25 not i.C. with RECARO Spezial F/W/X CODE 567/578/584	£376

## 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

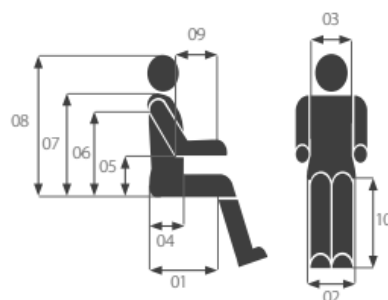
8) Head height

9) Forearm length

10) LLL

Body height

Weight (kg)



Remarks

Date

City

Signature



CODE 948/949



CODE 580



CODE 961/24



CODE 237



CODE 93/805



CODE 908



CODE 909



CODE 702/415



CODE 839



CODE 702/416/678



CODE 702/398/678



CODE 4860



CODE 994



CODE 970