

# OPTIMUS 2

2.322

 **Allowed user weight**

150 kg (including load)

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





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 fax the completed order form to: 05733 922 9311

Customer service: 05733 922 311

Billing address / Customer ref. no.:

Delivery address:

Consignment / Comments:

Order quantity:

**MEYRA**



### Allowed user weight

150 kg (including load)

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



### Hints

Our Terms and Conditions as stated at [www.meyra.de/AGB](http://www.meyra.de/AGB) shall apply

You can find information on the measurement process at [www.meyra.de/messverfahren](http://www.meyra.de/messverfahren)

Valid from 01/01/2021 - 12/31/2021.

Errors, misprints and changes reserved.

Use our K.I.S.S.S. for orders and configurations at [www.kisss-by-meyra.de](http://www.kisss-by-meyra.de)

You avoid queries and incorrect orders thanks to the buildability check



## 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

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
Ready for use width in mm	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 80 <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)</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°

Please select by ticking the relevant boxes

**S** \*SBI - Sonderbau/Individuallösung

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 <b>⚠</b> in Germany only in combination with rear marking plate CODE 676	approx. 60 km	950 W
<input type="checkbox"/> 150	15 km/h (manufacturer setting, throttled to 12 km/h) <b>⚠</b> in Germany only in combination with rear marking plate CODE 676	approx. 50 km	950 W

## 01 Seat width (SW)

CODE	DESCRIPTION
<input type="checkbox"/>	SW 430 mm stepless adjustable via armrests (380-500 mm) <b>⚠</b> only i.C. with ErgoSeat CODE 948/949 only i.C. with Arm support CODE 106
<input type="checkbox"/>	SW 480 mm stepless adjustable via armrests (480-530 mm) <b>⚠</b> only i.C. with ErgoSeat CODE 948/949 only i.C. with Arm support CODE 106
<input type="checkbox"/>	SW 500 mm <b>⚠</b> only i.C. with ERGOSTAR CODE 961 only i.C. with Arm support CODE 24
<input type="checkbox"/>	SW 490-560 mm <b>⚠</b> only i.C. with RECARO Seating System

## 02 Wheels (tyres, colour)

Code	Rims	Tyres	Tire color	
			grey	black
482	Alu	Pneumatic tires (Cleat profile)	<input type="checkbox"/>	<input type="checkbox"/>
904	Alu	Puncture proof (Cleat profile)	<input type="checkbox"/>	

### Wheel options

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

Please select by ticking the relevant boxes

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## 05 Seat camber

CODE	DESCRIPTION	Seat angle
<input type="checkbox"/> 118	Electric seat tilt, infinitely variable by 15°	5°-20°
<input type="checkbox"/> 119	Mechanical seat tilting	7°-28°

## 07 Seat-/back systems

CODE	Seat system	Back systems			
		without back	ErgoSeat-Bowl	ErgoSeat-pad	ErgoSeatPRO
593	Without seat plate	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4276	Seat plate without cushion	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
948/43	ErgoSeat (SW 430mm)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
948/48	ErgoSeat (SW 480mm)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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

Please select by ticking the relevant boxes

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### ErgoSeatPRO accessory back

CODE	DESCRIPTION
<input type="checkbox"/> 2021	Thorax cushions, pair, large
<input type="checkbox"/> 2032	Thorax cushions, pair, small

### 08 ErgoSeat-covers

CODE	DESCRIPTION
<input type="checkbox"/> 237	ErgoSeat-cover, textile, black <b>⚠</b> Only i.c.w. ErgoSeat seat or back CODE 948 or 949
<input type="checkbox"/> 4980	ErgoSeat-cover, incontinenc, black <b>⚠</b> Only i.c.w. ErgoSeat seat or back CODE 948 or 949

### 09 Recaro remuneration

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

### 10 Back support options (Adjustments)

CODE	DESCRIPTION
<input type="checkbox"/> 814	Pushing bar, horizontal <b>⚠</b> Not i.c. with ErgoSeat back CODE 949
<input type="checkbox"/> 913	Head support, removable <b>⚠</b> Only i.c. with ERGOSTAR CODE 961 or ErgoSeat back CODE 949/4268/2019
<input type="checkbox"/> 401	Mechanical back support adjustment <b>⚠</b> Only i.c. with ErgoSeat back CODE 949/4268/2019
<input type="checkbox"/> 25	Electric back support adjustment <b>⚠</b> Only i.c. with ErgoSeat back CODE 949/4268/2019

### 11 Arm supports and arm pads

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

Please select by ticking the relevant boxes

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## 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 <b>⚠</b> Not i.c.w. Footrest CODE 54
<input type="checkbox"/> 99	Reinforced leg supports, firmly mounted <b>⚠</b> Not i.c.w. Footrest CODE 54
<input type="checkbox"/> 86	Legrests, electrically swivelling upward, removable and swing-away <b>⚠</b> 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 <b>⚠</b> Only i.c.w. leg support Code 93	150 mm	380-480mm
<input type="checkbox"/> 798	Two-piece footrest flip up, height and angle adjustable	150 mm	380-480mm
<input type="checkbox"/> 822	Shoe fastening strap (pair)		
<input type="checkbox"/> 823	Heel cup (pair)		

## 14 Batteries and Chargers

CODE	DESCRIPTION
<input type="checkbox"/> 5160	Maintenance-free batteries 70Ah (5h) / 79 Ah (20h)
<input type="checkbox"/> 5155	Maintenance-free batteries about 88 Ah (5h), 107 Ah (20h) <b>⚠</b> Only i.c. with charger CODE 733
<input type="checkbox"/> 5161	Maintenance-free batteries about 110 Ah (5h), 125 Ah (20h) <b>⚠</b> Only i.c. with charger CODE 733
<input type="checkbox"/> 732	Charger 8 A for 79 Ah (20h)
<input type="checkbox"/> 733	Charger 12 A recommended for 107 Ah (20h)

## 15 Lighting

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



Please select by ticking the relevant boxes

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## 16 Joystick modules and accessories

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

### Assembly of the operating module

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

## 18 Special operating modules





CODE	DESCRIPTION
<input type="checkbox"/> 813	Table top control, completely swivelling ⚠ only i.C. with R-Net LED CODE 702/415 only i.C. with Arm support CODE 106

## 19 Frame colours

CODE	DESCRIPTION
<input type="checkbox"/> 2201	RS-Edition
<input type="checkbox"/> 134	Ocean blue
<input type="checkbox"/> 183	Silver-metallic
<input type="checkbox"/> 216	Deep black

Version No.: #534 - 2020

 Please select by ticking the relevant boxes \*SBI - Sonderbau/Individuallösung Standard version: If no other selection is made, the standard version will be delivered.**20 Accessories**

CODE	DESCRIPTION
<input type="checkbox"/> 4795	Anti-theft function, key  only i.c. with R-Net
<input type="checkbox"/> 833	Retaining strap with buckle
<input type="checkbox"/> 906	Rear-view mirror right
<input type="checkbox"/> 927	Rear-view mirror left
<input type="checkbox"/> 970	Walking aid holder
<input type="checkbox"/> 539	Amplified horn
<input type="checkbox"/> 930	Therapy table swivelling sideways
<input type="checkbox"/> 781	USB charging socket
<input type="checkbox"/> 782	Receptacle for mobile phone bracket
<input type="checkbox"/> 2676	Warning sign sticker  Only in combination with ErgoSeat
<input type="checkbox"/> 676	Rear marking plate  only i.c. with ERGOSTAR or RECARO only i.c. with Push bar CODE 814
<input type="checkbox"/> 994	Baggage rack
<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

**Other accessories**

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

Remarks		
<div style="background-color: #e6f2ff; height: 250px;"></div>		
Date	City	Signature
<div style="background-color: #e6f2ff; height: 30px;"></div>	<div style="background-color: #e6f2ff; height: 30px;"></div>	<div style="background-color: #e6f2ff; height: 30px;"></div>