

OPTIMUS 2

2.322



Allowed user weight

150 kg (including load)

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





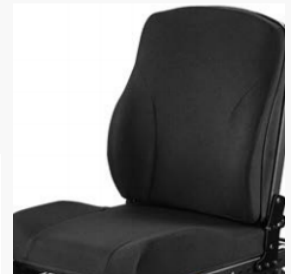
alloy wheels



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:

Tax-ID

Consignment / Comments:

Order quantity:

MEYRA



Basic equipment

- Batteries
- Battery charger

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



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

Valid from 01.01.2023 - 31.12.2023.
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

¹⁾ seating systems ERGOSTAR / ErgoSeat / RECARO

²⁾ see category seat width

³⁾ under test conditions with battery 107 Ah (20h)

⁴⁾ For range see also category 00

⁵⁾ With 6, 10 or 15 km/h version

⁶⁾ depending on version

⁷⁾ without legrests and without armrests



Seat widths in mm	380 - 560 ²⁾
Seat depth in mm	ERGOSTAR 500 / ErgoSeat 420 - 530 / RECARO 480 - 530 ¹⁾
Back support height in mm	ERGOSTAR 640 / ErgoSeat 550 / RECARO 640 ¹⁾
Lower shank length in mm	ERGOSTAR 380 - 520 / ErgoSeat 410 - 550 / RECARO 420 - 560 ¹⁾
Arm support height in mm	ERGOSTAR 190 - 250 / ErgoSeat 220 - 280 / RECARO 230 - 290 ¹⁾
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 ¹⁾
Transport length in mm	ERGOSTAR 1340 / ErgoSeat 1160 / RECARO 1260 ¹⁾
Transport height min. in mm	ERGOSTAR 720 / ErgoSeat 760 / RECARO 800 ¹⁾
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 ³⁾⁷⁾
User weight	ERGOSTAR 150 kg / ErgoSeat 150 kg / RECARO 120 kg ⁵⁾
Permitted overall weight incl. options	ERGOSTAR 330 kg / ErgoSeat 330 kg / RECARO 300 kg ⁵⁾
Max. additional loading	10 kg
Driving speed	6 km/h / 10 km/h / 15 km/h
Motor power	950 W ⁵⁾
Permitted inclination/slopes	18%
Form of steering	direct
Seat camber electric	ERGOSTAR 7-22° / ErgoSeat 5-20° / RECARO 20-35° ¹⁾
Seat camber mechanical	ERGOSTAR 7-15° / ErgoSeat 5-13° / RECARO 20-28° ¹⁾
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
115	6 km/h	approx. 70 km	950 W
117	10 km/h  in Germany only in conjunction with rear marking CODE 676 or CODE 2676	approx. 60 km	950 W
150	15 km/h (manufacturer setting, throttled to 12 km/h)  *in Deutschland nur i.V. mit Heckmarkierung CODE 676 oder CODE 2676 Nur i.V. mit Beckengurt mit Gurtschloss CODE 833 nicht i.V. mit CODE 5160 80 Ah Batterie	approx. 50 km	950 W

01 Seat width (SW)

CODE	DESCRIPTION
43	ErgoSeat continuously adjustable via armrests (SW 380-500 mm) Recaro (SW 490-560 mm)  Only i.C. with side panel CODE 106
48	ErgoSeat continuously adjustable via armrests (SW 480-530 mm) Ergostar (SW 500 mm)  Only i.C. with side panel CODE 106

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
482	Pneumatic tires with lug profile on aluminum rims
904	Puncture-proof tires (lug profile) on aluminum rims
909	Tires gray
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
816	Splash guard for steering wheels
4779	Mudguard for drive wheels
72	Drum Brake

Tire pressure monitoring system

Item	DESCRIPTION
1080617	Tire pressure monitoring system

05 Seat camber

CODE	DESCRIPTION	Seat angle
118	Electric seat tilt, infinitely variable by 15°	5°-20°
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				
4276	Seat plate without cushion				
948/43	ErgoSeat (SW 430mm)				
948/48	ErgoSeat (SW 480mm)				

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

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

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

Optional seat units




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

 ERGOSTAR option is not crash tested

ErgoSeatPRO accessory back

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

08 ErgoSeat-covers

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

09 RECARO-Covers

CODE	DESCRIPTION
235	RECARO textile cover, black
3254	RECARO synthetic leather cover, 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.

10 Back support options (Adjustments)

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

11 Arm supports and arm pads

CODE	DESCRIPTION
106	Arm support with upholstered arm support, height adjustable and removable
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
293	Legrests, detachable and swing-away
4092	Leg supports, swivelling upward, removable and swing-away
2086	Legrests, electrically swivelling upward, removable and swing-away

13 Footrests

CODE	DESCRIPTION	depth	LSL
57	Continuous footrest, 60 mm depth adjustable (in 4 steps), flip-up, height and angle adjustable	150 mm	380-480mm
808	Two-piece footrest flip up, height and angle adjustable	150 mm	380-480mm

Version No.: #1135 - 18.09.2023

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 option




CODE	DESCRIPTION
822	Shoe fastening strap (pair)
823	Heel cup (pair)

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	
5160	Maintenance-free batteries  *Nicht i.V. mit CODE 150 15 km/h	66 Ah (5h), 80 Ah (20h)
5155	Maintenance-free batteries  Only i.c. with charger CODE 733	about 88 Ah (5h), 107 Ah (20h)
5161	Maintenance-free batteries  Only i.c. with charger CODE 733	about 110 Ah (5h), 125 Ah (20h)
732	Charger 8 A	80 Ah (20h)
733	Charger 12 A	recommended for 107 Ah and 125 Ah

15 Lighting


CODE	DESCRIPTION
932	Active lighting

16 Joystick modules and accessories

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

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

17 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)  Not i.c.w. arm supports CODE 24

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.

Assembly of the operating module

CODE	DESCRIPTION	CONTROLS
74	Assembly right	
60	Assembly left	

19 software

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

20 Frame colours


CODE	DESCRIPTION
183	Silver-metallic
216	Deep black
2201	RS-Edition  only in conjunction with Ergo-Seat CODE 948 and CODE 949
	Ocean blue (no longer available)

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
4795	Anti-theft function, key  only i.c. with R-Net
833	Safety belt
906	Rear-view mirror right
927	Rear-view mirror left
970	Crutch holder
539	Amplified horn
930	Therapy table swivelling sideways
781	USB charging socket
782	Receptacle for mobile phone bracket
2676	Warning sign sticker  Only in combination with ErgoSeat
676	Rear marking plate  only i.C. with ERGOSTAR or RECARO only i.C. with Push bar CODE 814
994	Baggage rack
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

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

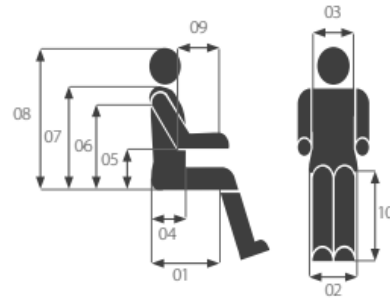
8) Head height

9) Forearm length

10) LLL

Body height

Weight (kg)



Remarks

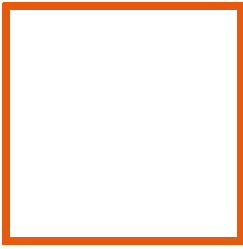
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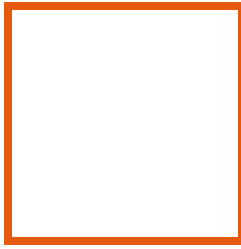
Date

City

Signature



02 *Code 908



02 *Code 909