

**GRUBER Assist**  
**the invisible ultra lightweight and most efficient**  
**cycling assistant as a**  
**RETROFIT OPTION**

*Requirements for the bicycle frame:*

- Aluminium or steel frame (carbon currently in test phase)
- Straight, continuous seat tube with an inner diameter of **31,6 mm**)
- Shimano Hollowtech 2 crankset
- Seat tube should be as central as possible on the bottom bracket
- A minimum length of 57 cm from the middle of the crank to the saddle (custom lengths available)
- Installation by a certified GRUBER Assist dealer



**or already fitted into**  
**sporty high quality**  
**COMFORT BICYCLES!**

From now on, your biking experience will never be the same again: Thanks to our Austrian invention, previously inaccessible trails and destinations are within reach - all at the touch of a button and all at an optimum pulse.

The 200 watt motor of the ascend aid delivers an additional power of 100 Watt on the rear wheel, so there is nothing to stop you from having a healthy, relaxing yet sporty bicycle ride

## Spec sheet for GruberCross modular (models Deore, SLX or XT)



Frame  
Shape  
Colour options  
Sizes  
Crank

Cross frame Alu U6  
Diamond (gents)/ Trapeze (ladies)  
Ferrari red, matt black, white  
44/48/52/56 cm  
Shimano - Hollowtech 2; 22-32-44  
(Deore, SLX or XT)

Gear shift

Deore, SLX or XT 27 gears - top normal

Fork

Suntour NCX-D Lockout

Rim

Sphinx aluminium rim/ ED-spokes (rear)

Tires

Schwalbe Smart Sam, 47-622

Brakes

Deore-, LX or XT-V-Brake

Pedals

VP 120 Alu Crosspedal

Saddle

Selle Royal Mach

Weight incl. drive

From 12,8 kg

Retail price **Deore**

**€ 2.999,00** incl. GRUBER Assist and **LiION** battery

Retail price **SLX**

**€ 3.149,00** incl. GRUBER Assist and **LiION** battery

Retail price **XT**

**€ 3.399,00** incl. GRUBER Assist and **LiION** battery

**GRUBER Antrieb GmbH & Co KG**

Brixentalerstr. 51, 6300 Wörgl

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Configure your own bike	Price in €
<b>Options GruberCross modular - additional options</b>	
Fixed fork in frame colour	+0,-
Fender SKS Trek 45 mm black or silver	+29,-
Carrier Pletscher Athlete System black or silver	+45,-
Kickstand Hebie direct mounting 0661M	+29,-
Lighting system Shimano hub dynamo DH3N72 Flood light Busch and Müller Lumotec oval senso plus, back light	+175,-
Saddle Fizik Rodine	+29,-
<b>Optional brake systems</b>	
<b>Deore:</b> Magura HS11 instead of Deore-V-Brake Magura HS33 instead of Deore-V-Brake Sram Jucy 5 Disk instead of Deore-V-Brake (Disk available only for suspension fork)	+160,- +230,- +230,-
<b>SLX:</b> Magura HS11 instead of LX-Deore-V-Brake Magura HS33 instead of LX-Deore-V-Brake Sram Jucy 5 Disk instead of LX-Deore-V-Brake (Disk available only for suspension fork)	+140,- +220,- +220,-
<b>XT:</b> Magura HS11 instead of XT-V-Brake Magura HS33 instead of XT-V-Brake Sram Jucy 5 Disk instead of XT-V-Brake (Disk available only for suspension fork)	+90,- +160,- +160,-

## Spec sheet for GruberMTB with disc brake



Frame  
Colour  
Sizes  
Crank  
Gear shift  
Rear derailleur  
Fork  
Rims  
Tires  
Brakes  
Pedals  
Saddle  
Weight incl. drive

7005 Alu Double Butted Lite  
Ivory  
43,5/48,5/53,5 cm  
Deore - Hollowtech 2; 22-32-44  
XT low Profil  
XT  
Suntour XCR Lockout, oil damping  
Mavic XM 117 black  
Schwalbe Smart Sam  
Magura Julie Disc - 27 gears  
MTB Alu  
Selle Italia XO  
13,40 kg

Retail price

**€ 2.999,00** incl. GRUBER Assist and **LiION** battery

## Spec sheet for XT MTB Fuji Tahoe RC LE



Frame	Fuji Altair 2
Colour	White
Sizes	43,2/48,3/53,3 cm
Crank	XT - Hollowtech 2; 22-32-44
Gear shift	XT
Rear derailleur	XT
Fork	Rock Shox Recon SL Pop Loc, 80mm
Rims	Alex XD-Lite
Tires	Continental Speed King 26 x 2,25
Brakes	Magura Louise Hydraulic disc, 180/160 - 27 gears
Pedals	Not included in delivery
Saddle	WTB Rocket V Comp SE
Weight incl. drive	13,00 kg
Retail price	<b>€ 3.199,00</b> incl. GRUBER Assist and <b>LiION</b> battery

## Spec sheet for GruberComfort



Frame	7005 Alu Double Butted Superlite
Colour	Brilliant silver
Sizes	46/50/54 cm
Crank	Deore - Hollowtech 2; 22-32-44
Gear shift	XT low Profil
Rear derailleur	XT
Fork	Alu fork Kinesis
Rims	Mavic A 119 silver 28"
Tires	Schwalbe Road Cruiser
Brakes	Magura HS 11 - 27 gears
Pedals	City Pedal Non-Slip
Saddle	Selle Italia FLX Eco
Weight incl. drive	15,50 kg
Comfort features	hub dynamo, kickstand, fender, bell, automatic light, carrier
Retail price	<b>€ 2.999,00</b> incl. GRUBER Assist and <b>LiION</b> battery

**Which frame size fits?**

Body Height	Step length	Frame size	Frame size	Body Height	Step length	Frame size	Frame size
cm	cm	inch	cm	cm	cm	inch	cm
148 - 150	68	15	40	177	86	19	48
150 - 153	70	16	40	181	88	19	48
155	72	16	42	185	90	19	50
157	74	17	42	187	92	20	50
161	76	17	44	191	94	20	52
165	78	17	44	195	96	21	52
167	80	18	46	197	98	21	54
171	82	18	46	201	100	22	54
175	84	18	46-48				

**An explanation of the cruising range of motorised bicycles**

**Hybrid bicycle capacity = personal contribution + electric drive**

Table to battery and engine contribution -  
the personal contribution of the cyclist is unconsidered!

Battery capacity in Ah	Consumption of the engine in Ampere*	Running time in minutes	Range at a speed of 6 km/h in km	Range at a speed of 12 km/h in km	Range at a speed of 25 km/h in km
4,5	3	90	9,0	18,0	37,5
<b>4,5</b>	<b>6**</b>	<b>45</b>	<b>4,5</b>	<b>9,0</b>	<b>18,8</b>
4,5	9	30	3,0	6,0	12,5
4,5	12	22,5	2,3	4,5	9,4
7	3	140	14,0	28,0	58,3
7	6	70	7,0	14,0	29,2
7	9	46,7	4,7	9,3	19,4
7	12	35	3,5	7,0	14,6
10	3	200	20,0	40,0	83,3
10	6	100	10,0	20,0	41,7
10	9	66,7	6,7	13,3	27,8
10	12	50	5,0	10,0	20,8

\* The consumption (Ampere) results from the strain of the drive  
- many manufacturers use the following terminology: Eco (3 Ampere), Normal (6-9 Ampere) and Sport (12 Ampere).

\*\* Gruber Assist at maximum load

<b>Power components:</b>	200 Watt brushless maintenance-free d.c. motor, planetary gear and freewheel, bevel gear pair
<b>Length of the components:</b>	220 mm
<b>Diameter of the motor unit:</b>	31,4 mm
<b>Weight of the mechanical ascent aid:</b>	app. 722 gr
<b>Electronic control unit:</b>	installed invisibly into the provided seat post
<b>Weight of the electronic control:</b>	app. 140 gr (without seat post)
<b>Required inner diameter of the seat tube:</b>	31,6 mm - over the full length of the tube
<b>Seat post:</b>	Truvativ XR DC - outside diameter 31,6 mm length 350 mm, 300 gr
<b>Optional Seat post rear suspension:</b>	Cane Creek Thudbuster ST - outside diameter 31,6 mm, length 350 mm, 445 gr
<b>LilON Mangan battery:</b>	30 V 4,5 Ah, charge level indicator, active balancing, life span app. 800 load cycles
<b>Operating time LilON Mangan:</b>	min. 45 minutes - depending on your personal contribution
<b>Weight of the LilON Mangan battery:</b>	app. 1.000 gr
<b>LilON Mangan charger:</b>	30 V / 65 W, 3-4 hours charging time
<b>Function key:</b>	miniature button in housing on the handlebar
<b>Saddle bag:</b>	SciCon - GRUBER Assist
<b>Suitable cranks (not included in delivery):</b>	Shimano Hollowtech II (Deore, SLX, XT or XTR) - also available directly from GRUBER Antrieb GmbH & Co KG

Subject change without notice!

End customer	Price in € incl. tax.
<b>Drive unit „GRUBER Assist“ as retrofit device</b> incl. <b>LilION</b> Mangan battery with charge level indicator, active balancing and charger	1.999,00
Reserve LilION Mangan battery (30V; 4,5 Ah)	299,00
LilION-car-charger 12 V	159,00
<b>Rear suspension seat post - surcharge</b> Cane Creek Thudbuster ST	199,00
<b>GruberCross modular - Deore</b> incl. GRUBER Assist, <b>LilION</b> Mangan battery and charger	2.999,00
<b>GruberCross modular - SLX</b> incl. GRUBER Assist, <b>LilION</b> Mangan battery and charger	3.149,00
<b>GruberCross modular - XT</b> incl. GRUBER Assist, <b>LilION</b> Mangan battery and charger	3.399,00
<b>GruberComfort</b> with low entrance frame & complete comfort extras incl. GRUBER Assist, <b>LilION</b> Mangan battery and charger	2.999,00
<b>GruberMTB</b> with disc brake (Magura Julie) incl. GRUBER Assist, <b>LilION</b> Mangan battery and charger	2.999,00
<b>MTB Fuji Tahoe RC LE</b> with disc brake (Magura Louise) incl. GRUBER Assist, <b>LilION</b> Mangan battery and charger	3.199,00
<b>MTB frame GRUBER Assist - see page 4</b>	390,00

Subject change without notice!

## Germany

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*Demo recumbent bike*

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**Ulli's Radshop**  
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+49 6428 404 95  
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**Schneider Sport**  
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*Demo racing bicycle*

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**Easy-Tours**  
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*Bicycle tour operator  
with GRUBER Assist bicycle*

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*Demo bicycle in store*

**Radsport Antretter**  
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*Demo bicycle in store*

Sorted by post code  
For additional addresses please visit [www.gruberassist.com](http://www.gruberassist.com)

### Germany

<p><b>Rund ums Rad</b> 83093 Bad Endorf +49 8053 28 01 <i>Demo bicycle in store</i></p>	<p><b>MBF Spezialrad</b> 83093 Bad Endorf +49 8053 23 74 <i>Demo recumbent bike</i> <i>Demo MTB</i></p>	<p><b>Fahrrad Steffl</b> 83236 Übersee +49 8642 65 16</p>	<p><b>Rasp Laden GmbH &amp; Co</b> 83471 Berchtesgaden +49 8652 33 99 Testcenter Berchtesgaden</p>
<p><b>Toni's Radleck</b> 86415 Mering +49 82 33 78 93 71</p>	<p><b>Osswald Fahrrad</b> 86825 Bad Wörishofen +49 824 76 838 <i>Demo bicycle in store</i></p>	<p><b>Radsport Preiss GmbH -Bike Center</b> 86899 Landsberg +49 8191 39 10 9 <i>Demo bicycle in store</i></p>	<p><b>SJS Bikes &amp; Parts</b> 89520 Heidenheim- Schnaitheim +49 732 166 330</p>
<p><b>Radsport Adrenalin</b> 90763 Fürth +49 911 711 660</p>	<p><b>Fahrradecke Erlangen</b> 91052 Erlangen +49 9131 30 33 35 <i>Demo bicycle in store</i></p>	<p><b>Zweirad-Stretz e.K.</b> 96103 Hallstadt +49 951 716 33 <i>Demo bicycle in store</i></p>	<p><b>Radservice im Redwitzer Gutshof</b> 96257 Redwitz +49 9574 65 11 77 <i>Demo bicycle in store</i></p>

Inquiries from **Germany** can also be directed to our marketing team in Bavaria (**Roland Dirr**) or Baden Württemberg and parts of Rheinland-Pfalz/Saarland (**Horst Mandel**):  
**Roland Dirr:** dirr.roland@sd-handelsvertretung.de, +49 173 565 28 22  
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### Other countries

<p>For inquiries in <b>Italy</b> please contact: <b>Renato Fainello</b> +39 348 85 36 487 Fainello@t-online.de</p>	<p><b>Cicli di Pasteris Tiziano</b> 13043 Cigliano +39 0161 42 47 30 ITALIEN <i>Demo bicycle in store</i></p>	<p><b>Lite Bear Slalom</b> 32043 Cortina d'Ampezzo +49 463 689 06 66 ITALIEN</p>	<p><b>Cicli Conta</b> 38100 Trento +39 461 82 77 54 ITALIEN</p>
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<p><b>Cicli Ininacelli</b> 66013 Chieti Scalo +39 871 55 19 61 ITALIEN</p>	<p><b>Double Performance</b> 3803 PB Gouda +31 182 573 833 Handbikes NIEDERLANDE</p>	<p><b>CMI Europe BV</b> 4813 EB Breda +31 76 513 83 31 Specialbicycles NIEDERLANDE</p>	<p><b>Iedereenmobiel</b> 5251 AR Vlijmen +31 61 601 6118 NIEDERLANDE <i>Demo bicycle in store</i></p>

For inquiries in **Switzerland** please contact our Swiss importer  
 EnergyBikes GmbH: info@accubike.ch, +41 52 346 29 29

Sorted by post code

For additional addresses please visit [www.gruberassist.com](http://www.gruberassist.com)



## Meet the „individualist among the E-Bikes“ Visit the heart of the Alps and take Gruber Assist out for a test ride

Combine your test drive with a relaxing short holiday in Ellmau, a small town situated in the picturesque scenery of the Austrian Alps. The guesthouse „Nitsch“ is located at 900 meters above the sea level and offers a beautiful view at the „Wilder Kaiser“ mountain range. Beginners as well as experienced bikers will find it an ideal starting point for memorable bicycle tours.

**Test the GRUBER Assist ascend aid at your own pace, leaving the pressure of everyday life far behind!**

### Our offer for individualists:

**2 nights** at the house „Nitsch“

with direct view to the „Wilden Kaiser“ including:

- Breakfast
- Room with shower/toilet
- Your personal GRUBER Assist test bicycle
- Room for drying bicycle clothes
- Car parking in front of the house
- Tours for all proficiency levels

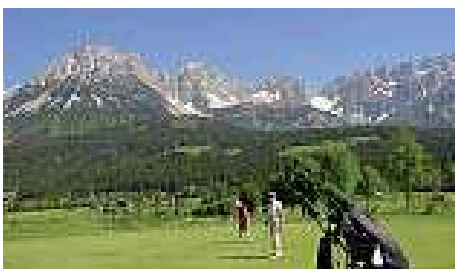
(<http://www.wilderkaiser.info/de/mountainbike.html>)

- In addition, customers get a free coupon worth € 100,00 - redeemable when purchasing a GRUBER Assist or a complete bicycle directly at GRUBER Antrieb GmbH & Co KG

**All this for only € 100,00 per person (incl. all taxes)**

The dinner can be taken in one of the small restaurants nearby  
- (reachable by foot or bicycle).

Bookable at GRUBER Antrieb GmbH & Co KG - prices incl. tax and tourism taxes



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Prices incl. tax.