

XCYC

excites cycling

Data Sheet

XCYC PICKUP

For the models:

PICKUP LIFE 4.0

PICKUP ALLROUND

PICKUP ALLROUND 4.0 Eco

PICKUP WORK 2.0

PICKUP WORK 4.0 Eco

PICKUP WORK 4.0

PICKUP LIFE 4.0



PICKUP ALLROUND / ALLROUND 4.0 Eco



PICKUP WORK 2.0 / WORK 4.0 Eco / WORK 4.0



Legal Notice

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XCYC PICKUP Life 4.0, Allround / Allround 4.0 Eco / Work 2.0 / Work 4.0 Eco / Work
4.0

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1 Introduction

XCYC PICKUP is a two-wheeled / three-wheeled cargo bike with electric drive. It represents a so-called EPAC or Pedelec, which supports you electrically while pedalling. The pedal assistance starts automatically while pedalling and also stops automatically when the driver stops pedalling. The pedal assistance reaches up to the maximum speed of 25 kph. From a juristically point of view, this Pedelec counts as bicycle and it is therefore able to be driven everywhere, where cycling is allowed as well.

The XCYC PICKUP offers a completely new dimension of mobility. Due to the loading volume of more than 1,0 m³ and a possible additional load of more than 150 kg, the XCYC PICKUP can be used as a durable transport vehicle (valid for the models „Allround“, „Allround 4.0 Eco“, „Work 2.0“, „Work 4.0 Eco“ and „Work 4.0“). In addition, it is possible to adapt a bicycle trailer. As such, it is possible to raise the loading volume of the cargo bike in combination with the bicycle trailer¹ can be further raised.

¹ See mechanical technical data – approved trailers, only valid for the model Allround XCYC PICKUP Life 4.0, Allround / Allround 4.0 Eco / Work 2.0 / Work 4.0 Eco / Work 4.0

Manufacturer specification regarding the payload of 120 kg.

The concept of the XCYC Pickup is based on the possibility to be able to integrate various and individual solutions for different use cases. On the basic cargo area, different add-ons can be adapted. For the model „Life“ this is possible up to a maximum of 900 x 300 mm, for the model „Allround“ up to a maximum of 850 mm x 748 mm and for the models „Work 2.0“, „Work 4.0 Eco“ and „Work 4.0“ up to a maximum of 1300 x 994 mm. The possible loading volume therefore results as the product of the maximum base area and the maximum loading height.

The driving behaviour of the XCYC Pickup must not be negatively influenced by the loading. Especially with regard to open cargo areas, the driver has to be aware of not exceeding the maximum loading height. It is in the drivers' responsibility to make sure, that the vehicle is running roadworthy.

With the XCYC Pickup, it is not only possible to transport a volume of more than 1.0 m³, but also to transport a high payload. This is due to the robust construction of the frame and the use of suitable attachments.

The BAFA defines payload as:

Payload = gross vehicle weight rating – weight of EPAC = loading + driver

- The gross vehicle weight rating of the “XCYC Pickup Allround” and the “XCYC Pickup Allround 4.0 Eco” is 250 kg. As the weight of the EPAC is about 60 kg, a payload of about 190 kg results.
- The gross vehicle weight rating of the “XCYC Pickup Work 2.0 / Work 4.0 Eco / Work 4.0” is 300 kg. As the weight of the EPAC is 100 kg, a payload of about 200 kg results.
- The gross vehicle weight rating of the “XCYC Pickup Life 4.0” is 200 kg. As the weight of the EPAC is 49 kg, a payload of about 151 kg results.

2 List of models

	Model					
	PICKUP LIFE 4.0	PICKUP ALLROUND	PICKUP ALLROUND 4.0 Eco	PICKUP WORK 2.0	PICKUP WORK 4.0 Eco	PICKUP WORK 4.0
Basic model: cargo bike	X	X	X	X	X	X
Pickup, aluminium S-shape frame, no suspension	X	X	X	X	X	X
Wheelbase Life 4.0 (1900 mm)	X	-	-	-	-	-
Wheelbase Allround (1520 mm)	-	X	X	-	-	-
Wheelbase Work (2050 mm)	-	-	-	X	X	X
Cover area (400mm x 480 mm); 2 times	X	-	-	-	-	-
Cargo area LA02 (715 mm x 700 mm) Suitable for transporting luggage.	-	O	O	-	-	-
Cargo area LA03 (850 mm x 745 mm)	-	X	X	-	-	-
Cargo plate W2 (1300 x 994 mm)	-	-	-	X	X	X
Trailer hitch	-	O	O	-	-	-
Front wheel 26 inch + 20 mm thru axle	X	-	-	X	X	X
Front wheel 24 inch 46 mm 36 hole 20 mm thru axle + tyres 24 x 3.00	-	X	X	-	-	-
Rear wheel, 20 inch	X	-	-	-	-	-
Rear wheel, alloy rims 6 x 10, tyres 165/70-10	-	O	O	-	-	-
Rear wheel, 12 inch rims, tyres 12 x 3.00	-	X	X	X	X	X
Zoom dual-crown suspension fork, 20 mm thru axle, suspension: steel springs and elastomers	X	X	X	X	X	X
Front brake Shimano-T6000 hydraulic disc brake, brake disc Ø 203 mm	X	X	X	X	X	X
Rear brake 2 x Shimano-T6000 hydraulic disc brakes, brake disc Ø 180 mm (Life: 1x)	X	X	X	X	X	X
5-speed Shimano Nexus gear hub	X	-	-	-	-	-
14-speed Rohloff Speedhub gear hub	-	-	-	-	-	X
9-speed Shimano Deore derailleur gears	-	X	X	-	-	-
10-speed Shimano Deore derailleur gears	-	-	-	X	X	-
Parking brake on left and right, hydraulic	-	X	X	X	X	X
Parking brake (mechanical)	X	X	X	X	X	X
Trailer hitch adapter	-	O	O	-	-	-
Drive unit, Bosch Performance Line CX 250 watts, Gen2	-	X	-	X	-	-

	Model					
	PICKUP LIFE 4.0	PICKUP ALLROUND	PICKUP ALLROUND 4.0 Eco	PICKUP WORK 2.0	PICKUP WORK 4.0 Eco	PICKUP WORK 4.0
Drive unit, Bosch Performance Line CX 250 watts, Gen4, Cargo Line	X	-	X	-	X	X
On-board computer, Bosch Intuvia, handlebar fastening	X	X	X	X	X	X
Battery pack, Bosch, 500 watts, detachable	X	X	X	X	X	X
Preparation Dual Battery Pack	-	-	-	-	X	X
Electric motor power assistance	X	X	X	X	X	X
Seatpost, rigid, up to 100kg driver's weight	X	X	X	X	X	X
Seatpost, height-adjustable 31.6 x 400 mm (dropper seatpost), up to 120kg driver's weight	O	O	O	O	O	O
Flat pedals	X	X	X	X	X	X
Handlebar, Ergo Plus XL 630 mm	-	X	-	-	-	-
Handlebar, Riser Bar 30	X	-	X	X	X	X
Steering damper	-	O	X	X	X	X
Stem, Swell-R/318, adjustable, 100 mm	X	X	X	X	X	X
Equipment for compliance with German road traffic licensing regulations ("StVZO"). If your country's regulations differ, make sure your PICKUP complies with these requirements.	X	O	X	X	X	X
Frame paint (powder-coated), matt black (RAL 9005) or matt orange (RAL2004)	X	X	X	X	X	X
Frame paint (powder-coated), any desired RAL colour	O	O	O	O	O	O
Logo XCYC	X	X	X	X	X	X
Individual branding logo	O	O	O	O	O	O

2.1 Mechanical technical data

	Model					
	PICKUP LIFE 4.0	PICKUP ALLROUND	PICKUP ALLROUND 4.0 Eco	PICKUP WORK 2.0	PICKUP WORK 4.0 Eco	PICKUP WORK 4.0
Tyre/size of standard front wheel	Schwalbe Super Moto-X 26x2,4	Street Hog 24 x 3.00	Street Hog 24 x 3.00	Street Hog 24 x 3.00	Schwalbe Pick-Up 26x2,15	Schwalbe Pick-Up 26x2,15
Tyre/size of standard rear wheel	Schwalbe Super Moto-X 20x2,4	Vee Rubber 094 12 x 3.00	Vee Rubber 094 12 x 3.00	Vee Rubber 094 12 x 3.00	Vee Rubber 094 12 x 3.00	Vee Rubber 094 12 x 3.00
Tyre/size of optional rear wheel	-	Innova Ris165/70-10	Innova Ris165/70-10	-	-	-
Type of valve	Schrader Valve					
Max. tyre pressure						
▪ Front tyre Street Hog 24 x 3.00	-	2,75 bar	2,75 bar	2,75 bar	-	-
▪ Front tyre Schwalbe Super Moto-X 26x2,4	4 bar	-	-	-	-	-
▪ Rear tyre Schwalbe Super Moto-X 20x2,4	4,5 bar	-	-	-	-	-
▪ Front tyre Schwalbe Pick-Up 26x2,15	-	-	-	-	4,5 bar	4,5 bar
▪ Rear tyre Innova RIS165/70-10	-	1,00 bar	1,00 bar	-	-	-
▪ Rear tyre Vee Rubber 12 x 3.00	-	2,75 bar	2,75 bar	2,75 bar	2,75 bar	2,75 bar
Min. tyre pressure						
Front tyre Schwalbe Super Moto-X 26x2,4	2 bar	-	-	-	-	-
Rear tyre Schwalbe Super Moto-X 20x2,4	2 bar	-	-	-	-	-
Front tyre Schwalbe Pick-Up 26x2,15	-	-	-	-	2,5 bar	2,5 bar
Gear shift	gear hub	derailleur	Derailleur	derailleur	derailleur	gear hub
Weight (vehicle weight)	49kg	58 kg	58 kg	100 kg	100 kg	100 kg
Max. permitted weight of driver	Dependent on seat post: Safety level 4:100kg Safety level 6:110kg					

	Model					
	PICKUP LIFE 4.0	PICKUP ALLROUND	PICKUP ALLROUND 4.0 Eco	PICKUP WORK 2.0	PICKUP WORK 4.0 Eco	PICKUP WORK 4.0
Max. permitted payload on PICKUP cargo area	50 kg	100 kg	100 kg	150 kg	150 kg	150 kg
Max. permitted overall weight (gross vehicle weight rating)	200 kg	250 kg	250 kg	300 kg	300 kg	300 kg
 Max. permitted overall weight in Switzerland (gross vehicle weight rating)	200 kg	200 kg	200 kg	200 kg	200 kg	200 kg
Max. permitted speed	30 km/h	30 km/h	30 km/h	30 km/h	30 km/h	30 km/h
Max. permitted ascent	approx. 11%	approx. 11%	approx. 11%	approx. 11%	approx. 11%	approx. 11%
Max. permitted loading height ²	0,80 m	1,60 m	1,60 m	1,20 m	1,20 m	1,20 m
Approved trailers	-	Every trailer proved according to DIN 15918 with „Weber“ system	Every trailer proved according to DIN 15918 with „Weber“ system	-	-	-
Max. permitted trailer width	-	1.000 mm = 1,00 m	1.000 mm = 1,00 m	-	-	-
Gross trailer weight rating	-	40 kg	40 kg	-	-	-
Tightening torques						
▪ Thru axle front wheel	6 Nm					
▪ Zoom dual-crown suspension fork, adjustment screws dropout front axle	12 Nm					
▪ Saddle clamp	Seatpost, rigid: 23 Nm Seatpost, dropper: 15 Nm					
▪ Seatpost clamp	Quick-release lever					

¹ The mentioned max. permitted loading height is only allowed, if the goods are suitable und the loading is reasonable and safe. The riding quality of your XCYC Pickup must not affected negative by the cargo.

2.2 Electrical technical data

	Model					
	PICKUP LIFE 4.0	PICKUP ALLROUND	PICKUP ALLROUND 4.0 Eco	PICKUP WORK 2.0	PICKUP WORK 4.0 Eco	PICKUP WORK 4.0
Drive unit	Bosch Drive Unit Performance Line CX (25 km/h), mid drive, part number B 275 00 70 74, Gen4, Cargo Line	Bosch Drive Unit Performance CX (25 km/h), mid drive, part number B 0 275 007 037	Bosch Drive Unit Performance Line CX (25 km/h), mid drive, part number B 275 00 70 74, Gen4, Cargo Line	Bosch Drive Unit Performance CX (25 km/h), mid drive, part number B 0 275 007 037	Bosch Drive Unit Performance Line CX (25 km/h), mid drive, part number B 275 00 70 74, Gen4, Cargo Line	
▪ Continuous rated power	250 W					
▪ Maximum torque	85 Nm	75 Nm	85 Nm	75 Nm	85 Nm	
▪ Weight	Approx. 3 kg	Approx. 4 kg	Approx. 3 kg	Approx. 4 kg	Approx. 3 kg	
Battery pack	Bosch PowerPack 500, lithium-ion battery, frame fastening (standard battery), part number B 0275 007 530					
▪ Rated voltage	36 V					
▪ Energy/rated capacity	500 Wh/13,4 Ah					
▪ Weight	ca. 2,6 kg					
On-board computer	Bosch Intuvia; part number B 2750 007 813					
▪ USB port charging voltage	5 V					
▪ USB port max. charging current	500 mA					
▪ Internal battery pack	Lithium-ion battery 3,7 V, 230 mAh	Lithium-ion battery 3,7 V, 240 mAh	Lithium-ion battery 3,7 V, 230 mAh	Lithium-ion battery 3,7 V, 240 mAh	Lithium-ion battery 3,7 V, 240 mAh	
▪ Weight	Approx. 0,15 kg					
Lights (optional)						
▪ Front light	Lumotec IQ MycE, 50 Lux, 6-42 V DC	Trelock LS 430 Bike-I Go, E-BikeXX 40 Lux, 6 V DC	Lumotec IQ MycE, 50 Lux, 6-42 V DC	Trelock LS 430 Bike-I Go, E-BikeXX 40 Lux, 6 V DC	Lumotec IQ MycE, 50 Lux, 6-42 V DC	
▪ Rear light, type, model, voltage, output	Trelock LS 614 DUO FLAT, Signal, 6-12 V, DC					

	Model					
	PICKUP LIFE 4.0	PICKUP ALLROUND	PICKUP ALLROUND 4.0 Eco	PICKUP WORK 2.0	PICKUP WORK 4.0 Eco	PICKUP WORK 4.0
Charger	Bosch charger part number B 0 275 007 907					
▪ Mains voltage	207...264 V AC					
▪ Frequency	47...63 Hz					
▪ Battery pack charging voltage	36 V DC					
▪ Charging time	Approx. 4.5 hrs.					
▪ Weight	Approx. 0.8 kg					
IP rating Drive unit, battery pack, on-board computer (with covers closed), lights	IP 54 (dust and splash-proof)					
IP rating of charger	IP 40 (protection against the ingress of solid bodies with a Ø larger than 1 mm, not water-resistant)					

2.3 Noise rating

Noise rating (A-weighted emission sound pressure level)	< 70 dB(A)
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3 EC/EU Declaration of Conformity



Original Declaration of Conformity EG / EU



Hereby the manufacturer declares

Name: GWW
 Address: Max-Planck-Straße 2
 75365 Calw / Germany

that the following product

Name: EPAC (Pedelec) Trade name: XCYC PICKUP
 Serial number: 00000117-00999999

complies with all of the following on the product applicable regulations of the EG / EU

2006/42/EG 2014/30/EU 2011/65/EU

The following norms which cause conformity were completely applied:

- | 2006/42/EG | 2014/30/EU | 2011/65/EU |
|---------------------|----------------|------------|
| ▪ EN ISO 12100:2010 | ▪ EN 55012 | EN 50581 |
| ▪ EN ISO 13849-1 | ▪ EN 55014-1 | |
| | ▪ EN 55014-2 | |
| | ▪ EN 61000-3-2 | |
| | ▪ EN 61000-3-3 | |
| | ▪ EN 61000-6-1 | |
| | ▪ EN 61000-6-3 | |

The following other norms / specifications (or parts of it) have also been applied:

- EN 15532:2009-05
- EN 15194:2018-11
- prEN 79010:2019-03

Person, which is authorized to summarize the technical documentation

Name: Hartmut Schwemmlé Address: Max-Planck-Straße 2
 75365 Calw

Signatory

Place of issue: 75365 Calw, Baden-Württemberg, Germany

Date of issue: 13th of January 2021

Function of the signatory in the company: Director of engineering and production

Name of signatory: Mr. Hartmut Schwemmlé

Signature: 

3.1 Warranty

Your PICKUP comes:

- with the legally required warranty period of two years for you as a B2B customer.
- with the legally required warranty period of one year for you as a B2C customer.

If your PICKUP should suffer any faults within this period, please contact the specialist bike retailer from whom you purchased your PICKUP.