



NJ1 & FREAK compact bikes

THE NJ1 & FREAK KOMPAKTBIKES – RIDING FUN FOR BIG & SMALL

The NJ1 compact bike and the NJ1 electric compact bike stand for riding pleasure, flexibility and customisation – with or without electric assistance. The noiseless Neodrives drive in the NJ1 el. compact bike provides support up to 24.9 km/h, while both variants impress with precise steering geometry, a long wheelbase and high-quality equipment ranging from touring to sports bikes. The FREAK compact bike model is available for children and young people – optionally also as a FREAK el. compact bike with electric drive for the best support.



#MaximumFlexibility

The NJ1 & FREAK compact bikes can be dismantled into two parts without tools: Drive unit and chassis. You can separate them in a few simple steps and reduce the pack size.



#RegainEnergy

With the NJ1 & FREAK el. Kompaktbike, the recuperation function recharges the battery when riding downhill, which increases the range by approx. 10% and simultaneously reduces the load on the brakes.



#RangeDoubling

The range of the NJ1 el. compact bike can be doubled thanks to the optional dual battery solution. A magnetic plug allows you to easily switch between the batteries, even without the finger function.



#ChildrenAndYouthHandbike

FREAK compact bike: Light, compact and easy to handle – perfectly tailored to the needs of young riders. The ideal sports equipment for children and young people who enjoy exercise.



NJ1 el. compact bike



NJ1 & FREAK – AS INDIVIDUAL AS YOU ARE!

Your **NJ1** or **FREAK** compact bike is customised to your individual needs. You decide on a wide range of options – from the bottom bracket support, shifting and braking systems to the backrest, neck support and grip variants. Whether touring or sports bike, with or without electric assistance – your NJ1/ FREAK adapts perfectly to you. Your handbike, your choice.

UNIQUE, SELECTABLE OPTIONS FROM PRO ACTIV:



Modular design: The drive unit and chassis can be separated in just a few seconds without tools, making transport and storage easier.



Customised adjustments to the adjustable bottom bracket support, backrest and headrest for optimum comfort and ergonomics make the bike your ideal companion.



Safe brakes, maximum control. With disc brakes or optional coaster brakes, you are on the safe side with both models.



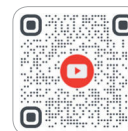
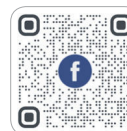
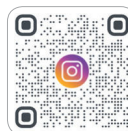
Perfect gearing. Both models offer a wide selection of gears, from derailleur gears to bottom bracket gears. Whether mechanical or electric – you decide!

TECHNICAL SPECIFICATIONS

Data subject to design changes.

Motor: [for electrical variants]	Hub motor: Neodrives I 12/40 Nm I 250 W I 4.6 kg
Battery NJ1 el.compact bike:	Neodrives 36 V I 16 Ah I 576 Wh I 3.6 kg Range approx. 45 - 75 km
Battery FREAK el.compact bike:	Neodrives 36 V I 14.25 Ah I 513 Wh I 3.6 kg Range approx. 40 - 70 km
Total weight:	NJ1 compact bike: from 15.8 kg NJ1 el. compact bike: from 23.8 kg (with battery) FREAK compact bike: from 14.8 kg FREAK el. compact bike: from 22 kg (with battery)
Pack size NJ1 compact bike:	Chassis from 104 x 43 x 39 cm Drive unit from 105 x 43 x 66 cm
Pack size FREAK compact bike:	Chassis from 102 x 43 x 37 cm Drive unit from 99 x 43 x 50.8 cm
Drive wheel & impeller sizes:	20" I 26"
Frame lengths:	102 cm I 116 cm
Seat widths:	35 cm I 39 cm I 43 cm

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