PACKOPED®

SUSTAINABLE MOBILITY MADE IN SWEDEN

# The Packoped Cargobike

**NCCR AB**
82473 Delsbo / Sweden
info@nccr.se

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# Fact sheet

Packoped designs innovative cargo bicycles redefining mobility, helping industries and individuals achieve their goals sustainably and efficiently. Not only is it designed, produced, and assembled in Sweden by a family business, but it also uses premium materials like Swedish steel, wood and locally 3D-printed parts.

**Main highlights:** weight 40-70kg depending on model and very easy to ride – even completely unassisted. So, you're never stranded! No helmet required, no driver's license or insurance required, no/very low age limit (Pedelec regulation). Modular drivetrain (Single Speed and/or Pinion gearbox and/or neodrives hub motor).

| | |
|---|---|
| **Frame/ram/Rahmen** | SSAB Docol Tube R8<br>SSAB Strenx 700 & Docol 800<br>Lifelong warranty |
| **Flatbed/flak/Ladefläche** | Ash/Birch/Spruce, ask/björk/furu,<br>Esche/Birke/Kiefer (Swedish wood) |
| **Max system weight/vikt/Gewicht** | 200kg on flat bed/flak/Ladefläche<br>300kg total incl. rider |
| **Motor** | neodrives, 40Nm, 25km/h |
| **Battery** | neodrives, 950Wh, 48V |
| **Range/räckvidd/Reichweite** | 50km max. assisted (300%), ca.150km with lowest setting assistance. Recuperation extends by 10% |
| **Gearbox/växellåda/Getriebe** | Pinion 6, 9 or 12 gears (optional Smart.Shift) |
| **Belt/rem/Riemen** | Gates Carbondrive Belt - CDX |
| **Brakes/bromsar/Bremsen** | 2,3mm disc, hydraul. 4-piston + parking |
| **Suspension/fjädring/Federung** | Front: monomer block<br>Rider: 40mm Ergotec Vario Dropper post |
| **Handlebar/styre/Lenker** | IGUS + Ergotec |
| **Light & reflectors** | bumm IQ-XM E (high/low beam), Secuzed E Brex (tail & brake light), reflectors, blinkers optional |
| **Protection** | TPU corner bumpers, metal housings, GPS tracker |

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# Options

All Packoped Cargobikes are available in different specifications. That goes from the DRIVEspecs specifications to the SIZEspecs and USERspecs. But because we manufacture on demand in Sweden, many other configurations can be discussed and realized.

# DRIVEspecs

In general there are 3 different Drive specifications available. The Single Speed, is a direct fixed ratio belt drive, perfect for most indoor and short-range transports on flat terrain.

The Pinion gearbox is available from 6 to 12 Speed manual or Smart.Shift and can be used with or without electric assistance, a good solution for short transports. The neodrives electric drive system is the 3rd player and can be used with fixed ratio or in combination with the Pinion gearbox.

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# SIZEspecs

NCCR offers 3 standard size configurations, that are based on 2 different wheelbases (1.35m / 1.50m), 2 different widths (80 / 96cm), and 3 different flatbed sizes (96x80cm, 96x96cm, or 130x96cm). Based on your needs we pick together with you the matching size for your Cargobike user case. Because of the modular 4-piece design, it is possible to adjust to different or changing needs. Every Packoped consists of 4 modules: flatbed, front axle, main frame and rear frame.

# USERspecs

If you need to lock your tools, a weatherproof transport for packages or to tip off your garden waste. All user cases are different and the Packoped is therefore available in different configurations. But, if you have any special needs or ideas, do not hesitate to contact us. If it is technically possible, we usually can realize it exactly following your needs.
All Packoped can be ordered with a cargo bed in the classic round tube style or with our square Pro Cargo profile.

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# Colors

All steel parts on the Packoped are powder coated, most RAL colors are as standard available. It is possible to design the 4 modules of the Packoped in different colors. Individual Corporate branding is possible, including specialized design work like decals on accessories, like boxes, side panels or wheel rims.

Pastel Blue RAL 5024

May Green RAL 6017

Traffic Orange RAL 2009

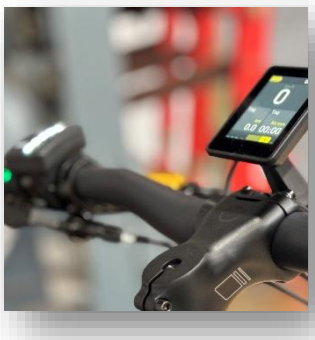
Raspberry Red RAL 3027

Traffic Yellow RAL 1023 &
Anthracite Grey RAL 7016

Multi Colour Modell:
Traffic Orange RAL 2009
Traffic Yellow RAL 1023
Raspberry Red RAL 3027
Signal Blue RAL 5005

# Accessories

Beside the standard options, like front rims in aluminium or steel, different saddles and brake systems, NCCR offers a nearly unlimited grade of personalization of the Packoped.



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# Individual Construction

Not all user cases can be fulfilled on “Standard” models. As NCCR develops, designs and builds the Packoped completely in Swedish Hälsingland and Dalarna, we can customize the Packoped according to each user’s needs.
Starting with an AI sketch, we can visualize customer ideas fast and bring them in short time to a proof of concept to evaluate design and costs.

After the evaluation, we go over to the CAD-construction and when all details are decided, your personalized Packoped will be built.

Whether it is one or ten Packoped you require, together we design exactly the cargobike you need in order to optimize your work flow and get out the most from your costs of owner ship.

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# Integrated Transport Solutions

Together with our customers we analyze your specific transport requirements.

For example, a facility management company needs to transport larger goods that require an open cargo flat bed. At the same time, tools need to be stored and locked in a weather protected box.
The solution is a combination with the Nüwiel eTrailer. With the Nüwiel System you are able to easily transport another 150kg pay load. And very unique, at the destination you can unhook the trailer and guide it by hand with full e-assistance. The Nüwiel e-drive and e-assisted brake respond just by the command of your hand on the drawbar.

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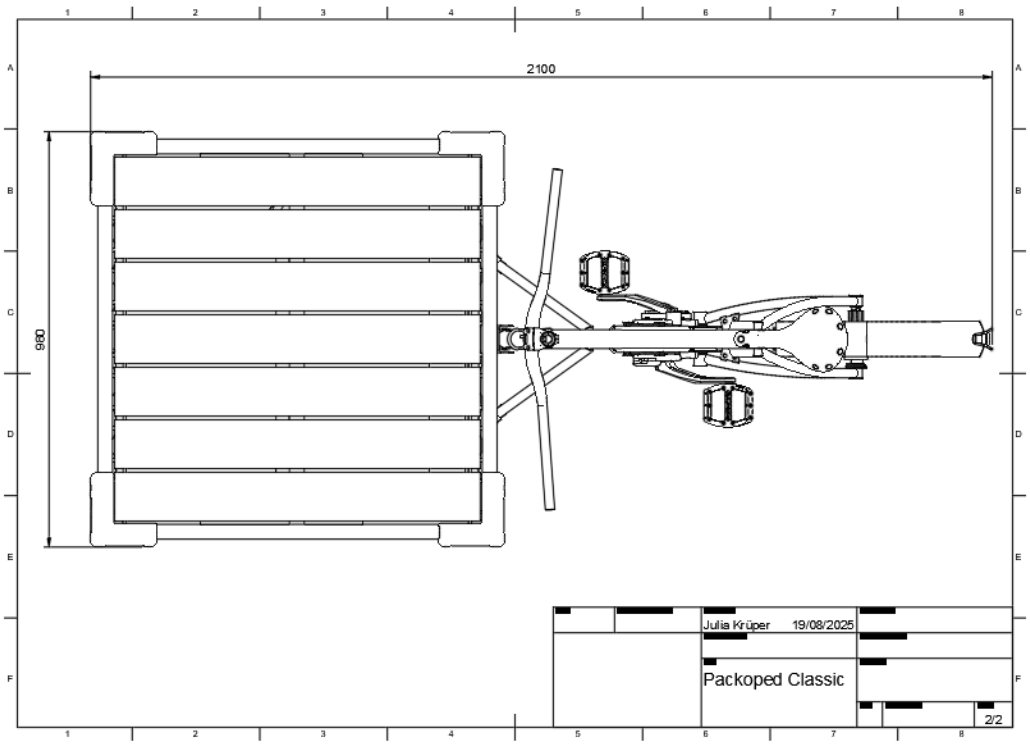


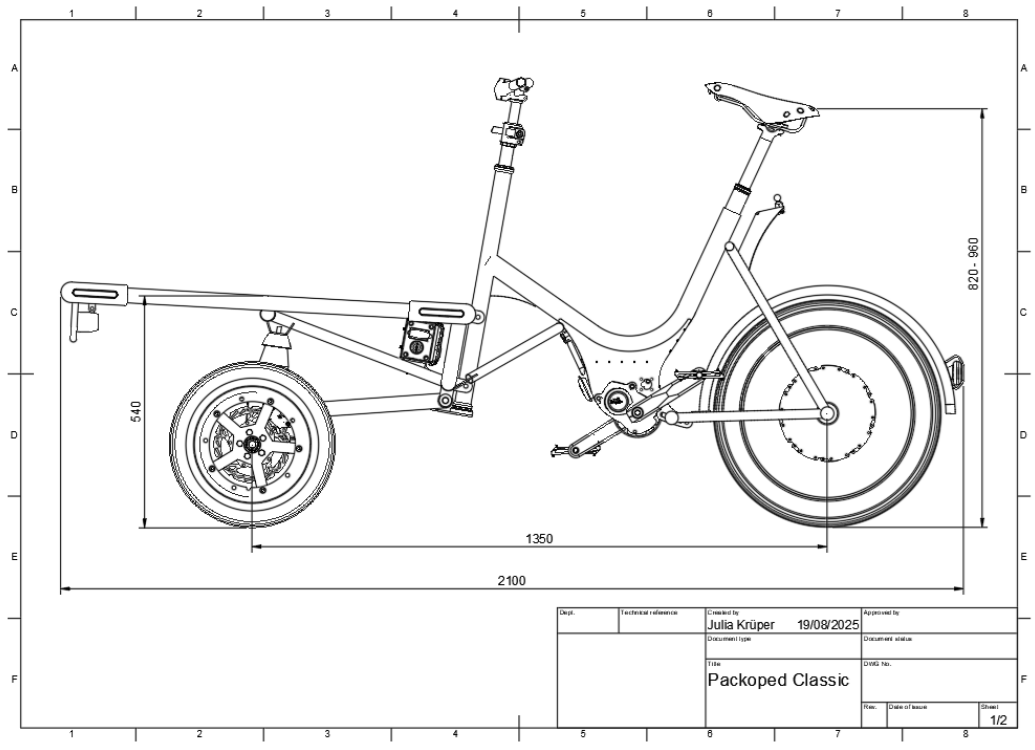


Depicted here, Packoped Classic.

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# Why Packoped?

- For decades approved design of the iconic Flakmoped
- 3 wheeled cargobike, easy to ride and to balance, even with load
- Swedish steel, manufactured in Sweden. Reliable and repairable
- Sturdy construction and artisanal processing
- Lifetime warranty on the steel frame, 2 years on the Packoped
- Low Cost of Ownership, as it's a bicycle
- Different option in drive train, up- and down-gradable
- Gates Beltdrive for low maintenance and efficient power transfer
- Pinion gearbox with 6, 9 or 12 speed, manual or Smart.Shift
- neodrives e-drive, supplies the power where needed, at the wheel
- No driving license required / no helmet (but recommended)
- Maximum of the components is sourced in Europe
- Modular 4-piece design, allows compact transport and changes
- 2 different wheelbases, 2 tracks and 3 different cargo decks
- Up to 200kg pay load on the cargo deck (total max. weight 300kg)
- Cargo deck with round tube or Pro cargo square profile
- Models available specially for your needs or customizing possible
- Corporate branding, your colors, decals, advertising on the Packoped
- Optional GPS Tracking and Fleet Management
- Trailer Option with Nüwiel eTrailer
- Fixed costs Service agreements (incl. maintenance) available
- Extra attractive pricing for the Packoped single Speed
- All Packoped are e-assistance and gearbox upgrade ready

Find more info on our website and in our webshop. On the Packoped YouTube channel we have a series of videos in Swedish, English and German language explaining the details of the Packoped.

Contact us for further questions, a test ride or a personalized offer.

**NCCR AB**
**Knaggälve 114**
**82473 Delsbo/ Sweden**

**+46 653-41050**
**info@nccr.se**

**Instagram @Packoped**
**LinkedIn @Packoped**

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