

Spokes:	DT Swiss RVS 13 is a spoke thickness of 1.8mm.
Rims:	Aluminium Ride busted Rims with cunning sides.
Tires:	Shwalbe Fat Frank 50-622.
Carden Shaft:	TDZ Gear ratio 2.15.
Bearings:	Tecora.
Treadle:	UNION.
Hubs behind:	Sram 2 speed automatic. (Naked byAr)
Hubs front:	UNION.
Brake system:	Magura HS11.
Stand:	Spanninga Easy stand.
Headlight:	Ikzi light.
Backlight:	Supernova.
Frame:	Handmade, aluminium

Weight Naked:	16KG
Weight Volta:	22 KG
Engine:	Zehus Bike+
Actionradius:	35 tot 160KM
Number of positions:	7

**TECHNICAL INFORMATION:**

Maximum torque Nm 20

**Batteries**

Rated Voltage	V	29.2
Rated Capacity	mAh	5300
Energy	Wh	154.8

**Engine**

Weight (~)	Kg	6
Work temperature	°C	-20°C to +70°C
Storage temperature	°C	-40°C to +60°C
Charging temperature	°C	-20°C to +60°C
Security degree		IP54

**Adopter**

Voltage in	V	100~240 V, 50/60 Hz
Voltage uit	V	31.2
Charging Current	A	1.5

The frame meets the standards: ISO 4210-6:2015, is tested by the “Frame and fork test method”.

**Paint**

Manually, 3 layers minimum. Combination powder and wet paint, Lakstraat Nijland Cycling BV.  
Layer thickness assesment: SOP 10.50

**Paint tests**

- 1: Diamond test: Sufficient result.  
The paint did not or hardly come off during the diamond test
- 2 Paint scraping test: Sufficient result.  
While scrapping the paint needs to roll out in front of the blade, which was also the case.
- 3 Stroke test: Sufficient result.

After the weight has fallen, a slight deformation may be visible due to the impact, but the paint must not splatter or become detached.

**ADDITIONAL INFORMATION PAINT:**

Nijland Cycling (Albert Smit) has tested the paint by EN ISO 14713 - EN ISO 12944. In this test, a scratch is applied across the paint. Multiple holes are also drilled into the frame tube. Then exposed to a 750-hour salt spray test according to ASTM B 117-95 / Din 50021 SS. The assessment of the area and scratch cross took place according to NEN-EN-ISO 4628-1en2 The result is that we meet the highest YES C5-M-Very High (zee).

Our production partner Nijland Cycling BV from Heeten has this test carried out to ensure that the process is in order and to provide a product guarantee. The paint guarantee that we give based on the tests is 10 years. Please note that this is on an undamaged product!

