

– For immediate release –

World premiere of HP Velotechnik at the Eurobike trade fair (8-10 July 2018): EU-compliant *Scorpion fs 26 S-Pedelec* in new design



Into the future at high speed: The *Scorpion fs 26 S-Pedelec* from HP VELOTECHNIK with indicators, oil level indicator (b.r.) and new engine features. Pictures: HP VELOTECHNIK

E-bike with visionary character

The completely revised *Scorpion fs 26 S-Pedelec* is the first vehicle to meet the new EU regulations for a multi-track vehicle with pedalling assistance up to 45 km/h

FRIEDRICHSHAFEN. High-speed pedelecs with pedal support up to 45 km/h are increasingly becoming a separate vehicle class. Manufacturer HP VELOTECHNIK presents the completely revised *Scorpion fs 26 S-Pedelec* at the Eurobike trade fair from the 8th till the 10th of July. The "three-wheeled vehicle for passenger transport" (German Federal Motor Transport Authority) is the first one licensed throughout Europe in the L2e-P class. It can be seen at the booth of HP VELOTECHNIK in the Foyer East (FO-106).

In addition to the most striking feature, the *WingBling* trike indicator, which has been available from HP VELOTECHNIK since the beginning of 2018, there are several innovations available in the new *Scorpion* class. The oil level indicator for coupled brakes, which was specified by the EU for the L2e-P segment, is unique in the bicycle sector. For the first time, the manufactory also installs a lighting system and horn with the special "E" marking, which is also necessary for fast electric trikes today. Another regulation: the built-in immobiliser – a rather easy task for a bicycle manufacturer

thanks to the frame lock. HP VELOTECHNIK has used the extensive revision of the *Scorpion* to make additionally lasting improvements to the drive system, to do so they worked together with engine supplier GO SWISSDRIVE. The new CAN bus system is characterised by an even smoother driving behaviour, i.e. the pedal support feels even more natural. The "Boost" function enables maximum power for an extremely fast start at the push of a button. The system recuperates with up to 200W and the new Li-Ion battery has higher capacity: 636 Wh means an increase of 14 percent. The system also provides the driver with shift recommendations via the display.

For the S-Pedelec and all other *Scorpion* models, the large-surface frame tubes were designed in the new *Flash* design. Lighter and darker applications add dynamic accents to the basic colour. The bike is available in specialist shops and costs 8,990 Euro in the basic version. For further information, please visit www.hpvelotechnik.com or call 0 61 92 - 97 99 20.

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At a glance: Facts about new S-Pedelec Scorpion fs 26

HP VELOTECHNIK presents the completely revised *Scorpion fs 26 S-Pedelec*, a fully suspended electric tricycle with a speed of up to 45 km/h, which can be folded compactly for transport.

The model combines the safety of a multi-track vehicle with chassis technology from the automotive industry. The single wheel suspension with adjustable McPherson struts on the front axle and the stabiliser system as well as the spring-loaded rear wheel and the long wheelbase ensure safe road holding even in fast turns. The S-Pedelec is equipped with four brakes.

The low centre of gravity of the touring trike and the good support of the rider in the ergonomic recumbent seat, optionally as a body-contoured seat or net seat, enable dynamic acceleration. The low air resistance due to the efficient recumbent position extends the battery range, especially at high speeds. This effect is further enhanced by the use of the *Streamer*, the aerodynamic weather protection (see photos page 1).

With the new *Flash* design being presented on a *Scorpion* for the first time at the Eurobike, HP VELOTECHNIK completes the most elaborate brand relaunch of its history – a new company logo and new brandings for all 15 models in its anniversary year (25 years of recumbent manufacture).

With the new *Flash* design, the Hessians use the typical large-surface frames of their recumbents specifically for playing with colour accents. The basic colour is joined by a lighter and a darker shade as well as black appliqué. The sharply contoured curves nestle into the structures of the large-area frames and elegantly reflect the driving dynamics of the recumbents.

Note for editors only:

You want to know more about the new *Scorpion fs 26 S-Pedelec*? Visit HP VELOTECHNIK at Eurobike: Foyer East, Booth FO-106 and we will be happy to give you information about our second novelty, the *Gekko 26*, a trike for everyone.

Technical data *Scorpion fs 26 S-Pedelec*

Frame:	<i>Scorpion fs 26</i> (Aluminium 7005 T6) 10-year warranty
Color:	Cosmic Grey or Pure orange matt
Motor:	GO SwissDrive G45p
Force amplification:	0 / 60 / 120 / 180 / 240 / 300 percent; Reverse gear up to 3 km/h
Battery:	BMZ 36 V Li-Ion (636 Wh)
Tires:	<i>Energizer Plus</i> von SCHWALBE (20"/26")
Seat height:	29 cm (<i>BodyLink</i>), 32 cm (<i>ErgoMesh</i>)
Suspension (f):	McPherson struts with stabilizer (60 mm) by HP VELOTECHNIK
Suspension (r):	DNM DV22 spring/oil (80 mm)
Brakes (f):	TEKTRO <i>Auriga Twin</i> (disc brakes) coupled, with oil level indicator by HP VELOTECHNIK
Brakes (r):	TEKTRO <i>Auriga plus SHIMANO V-Brake</i> (Parking brake with thumb lever)
Gearing: cassette PG 1070 11-36, chain ring set	SRAM GX 30 (30 voll schaltbare Gänge: 52-42-30, shifter SL 500
Lighting:	<i>IQ Fly/Akku</i> by B&M: <i>IQ-XE</i> , taillight: <i>Toplight Line</i> with brake light, position light and number plate light plus turn indicator <i>WingBling</i> by HP VELOTECHNIK
Immobilizer:	AXA <i>Victory</i> (frame lock)
Mirror:	B&M E
Wheelbase/Width:	128 cm / 83 cm
Length:	201 – 245 cm (adjustable for riders with a height of 162 – 200 cm)
Weight:	from 37 kg (additional comfort options on request, e.g. second battery pack or front fairing <i>Streamer</i>)
Max. payload:	140 kg
Price:	from € 8.990,-
Licensing:	In Germany as a three-wheel moped of class L2e-P
Available:	available in specialist shops

(Further information (only for editorial offices) from Alexander Kraft (Press Officer HP VELOTECHNIK), 06192-97992283 or 0160-99858794; alexander.kraft@hpvelotechnik.com.

Download the press release: <https://tinyurl.com/yb4otply>

High-resolution photos for the press release can be downloaded at <https://tinyurl.com/y9znsav>

Background information HP VELOTECHNIK

HP VELOTECHNIK, founded in 1993 by Paul Hollants and Daniel Pulvermüller, manufactures approx. 2,000 recumbents per year in the factory in Kriftel near Frankfurt with 35 employees (including four trainees) and is thus market leader in Europe. The bikes are built individually by hand according to the customers wish and sold in specialist bicycle shops. The signs are pointing to growth: recumbents are sold in Germany and Europe; an increasing share is exported to more distant regions such as the USA, Australia or Japan. This successful business strategy was honoured in 2017 with the "Hessian Export Prize", which is jointly awarded by the State of Hesse and the Hessian Chambers of Crafts and Industry and Commerce.

HP VELOTECHNIK has developed 15 recumbent models that cover the entire range from everyday bikes to racing bikes. All models are available with powerful electric motors on request. Recently, the models from the *Scorpion* series caused a sensation, winning the renowned "Eurobike Award" design prize three times in a row. Most recently, in 2013 the trike *Scorpion fs Enduro* and in 2014 the *Scorpion plus 20* as a therapy trike.

Even as schoolchildren, the company founders Hollants and Pulvermüller became national winners of the JUTEC Youth and Technology competition of the Association of German Engineers – the foundation of the development from a garage laboratory to one of Germany's most innovative bicycle companies. Since 2006 HP VELOTECHNIK has been awarded as one of the three best bicycle manufacturers in Germany by the industry association VSF several times. Information at www.hpvelotechnik.com