

POLE HIISI

Pole's first Adaptive Platform bike. 152 to 200 mm of rear travel from one CNC-machined frame, in 29" or Mullet wheel configurations, in three frame sizes — twelve configurations in total. Fifty units for 2026, built to order in Jyväskylä.

Pole has launched the Hiisi, the first bike in the company's new Adaptive Platform category — a CNC-machined e-MTB built around one frame that covers 152 to 200 mm of rear travel across twelve configurations.

Pole will build fifty units for 2026, each specified to the rider who ordered it, at the company's factory in Jyväskylä.

ONE FRAME, FOUR TRAVEL LENGTHS, TWO WHEEL SETUPS

Travel options: 152, 173, 180 or 200 mm at the rear. Wheels: Full 29" or Mullet (29" front, 27.5" rear). Frame sizes: K1, K2 and K3, fitting riders from 155 to 198 cm.

Static head and seat angles slacken progressively as travel increases. **Dynamic ride height** at sag is engineered to remain consistent across wheel configurations: a 173 mm Full 29" build and a 173 mm Mullet build sit at the same effective height on the same frame. The platform achieves this without flip chips, eccentric inserts, or interchangeable links.

RECONFIGURABLE ACROSS THE BIKE'S LIFETIME

Because the chassis covers 152 through 200 mm without a frame swap, configurations are not fixed at purchase. A 2026 build at 173 mm Full 29" can be reconfigured to a 200 mm Mullet setup in 2027 with a parts change. Geometry across all twelve configurations has been engineered into the same frame.

ELECTRIC ONLY FOR 2026, WITH A MANUAL CONVERTER KIT

For 2026 the Hiisi ships as an e-MTB with a Maxon Air S motor and 600 Wh battery. A Manual Converter kit is sold separately: removing the motor and battery and fitting an adapter and standard crankset returns the chassis to analog drive. The kit is intended for riders who require a non-electric configuration for race regulations or travel restrictions.

FOUR GENERATIONS OF PLATFORM DEVELOPMENT

The 2016 **Evolink** came in 110, 131, 140, 158 and 176 mm versions, each on its own welded frame. **Stamina** (2018) was Pole's first chassis to cover more than one bike, sharing a frame between 180 and 160 mm with a yoke change. **Voima/Vikkelä** (2021) and **Onni/Sonni** (2023) extended the modular approach. The Hiisi is the fourth iteration and the first to cover the full 152–200 mm range from a single chassis.

Pole platforms · 2018–2026

2018

Stamina — 180 / 160 / 140 mm

The 180 and 160 ran on the same frame, a yoke change picked the travel. The 140 was its own frame. Leigh Johnson took 9th overall on Stamina at the 2019 Enduro World Series.

2021

Voima / Vikkelä — 190 and 170 mm

Same platform, two travel lengths, electric (Voima) and analog (Vikkelä) versions.

2023

Onni / Sonni — 200 and 170 mm

Two travel lengths on one modular chassis. Analog (Onni) and electric (Sonni). Onni was raced at World Cup DH level in 2023.

2026

Hiisi — 152 / 173 / 180 / 200 mm

The first Adaptive Platform. One frame, four travel lengths, two wheel options, three sizes — twelve configurations on the same chassis.

HOW IT'S BUILT

Machined, not welded

The frame is CNC-machined from solid aluminium. Bearing surfaces and pivot points come out of the same setup, in the same operation. Wall thickness is controlled all the way through the chassis — not approximated by which extruded tube happened to be available.

Bonded and joined

Pole has refined a bonded-and-mechanically-joined construction since the 2017 Machine. Components are CNC-machined individually, then bonded and pinned into the chassis. The construction allows precision control at every joint, independent of welding tolerances.

Finished in-house

Three e-coat finishes — Raw Silver, True Gold, Hero Bronze — applied at Pole's factory in Jyväskylä. No paint. The toolpaths are visible through the surface; that's the point.

FOUNDER QUOTE

"Stamina was where one frame first covered two travel lengths. Voima and Onni each pushed it further. Hiisi is the first time we got the whole range — 152 to 200 mm — out of one chassis. That's what we mean when we call it an Adaptive Platform. It's what we've been working towards the whole time."

— Leo Kokkonen, founder

SPECIFICATIONS

mm rear travel

152 / 173 / 180 / 200

Wheel setups	29" / Mullet
Frame sizes (155–198 cm)	K1 · K2 · K3
2026 drive (Manual Converter kit available)	Electric
Reconfigurable	Yes
Motor	Maxon Air S
Battery	600 Wh
e-coat finishes (Raw Silver · True Gold · Hero Bronze)	3
Configurations	12
Frames for 2026, built to order	50
Frameset from (ex. VAT)	€9,077
Complete build from (ex. VAT)	€12,806
Refundable deposit	€250
Designed, machined and assembled in Finland	Jyväskylä

PRESS CONTACT

Hi-res images, factory access, technical detail, or interview time on request.

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