

To: Hayes Performance Systems Customers

Re: Pedelec and E-MTB Bicycle Specification

Please let this correspondence serve as confirmation that the following Hayes Performance Systems products are approved for use in pedelec and E-MTB applications:

SunRingle Products

- Rhyno Lite, Rhyno Lite XL, CR18, and Helix rims
- Black Flag wheelsets (Comp and Expert)
- Charger wheelsets (Comp and Expert)
- Mulefüt rims and wheelsets
- Düroc rims and wheelsets

Manitou Products

- 27.5+ Mattoc Comp suspension forks
- 27.5" Mattoc Comp suspension forks, up to 160mm travel
- Machete Comp suspension forks, tapered steer tube configurations
- Markhor suspension forks, tapered steer tube configurations
- Mastodon suspension forks (Pro and Comp)

Laboratory testing based on ISO 4210 test procedures and requirements, modified for increased vehicle weight, confirms performance of the products listed above in pedelec and E-MTB single rider, two wheeled vehicle applications under the following conditions:

- Vehicles up to 250W electric pedal assistance
- Vehicles up to 150kg gross vehicle weight

Extreme Use Certification

In addition, the following products are approved for heavy duty usage up to 175 kg gross vehicle weight rating based on ISO 4210 test procedure modified for increased vehicle weight

- SunRingle - Rhyno Lite, Rhyno Lite XL and CR18 rims

Best Regards,



Tim Abhold
Director of Engineering
Hayes Bicycle Group



HAYES



SUNringle

