QuickTopper summary

R. Kurt Barnhart, Ph.D.



Hello, my name is Kurt and aside from my primary role as a College Professor, I have been a motocross enthusiast for about 45 years. After many years of being both space and financially constrained with respect to my hobby, I’m in the process of developing this truck topper as a way to get my bikes to and from tracks and other places in a way that was secure, and out of the weather without all the cost, complexities, and logistical footprint of a trailer. Stand-up headroom was the biggest limiting factor to current technologies on the market and was a must for me as well as was a lower cost point than a trailer.

Also important was the fact that I didn’t always want to have to carry this device around on my truck when I didn’t need it. Hence, the QuickTopper which is a modular/removable, all-metal topper with stand-up headroom that keeps cargo (not just motorcycles) secure, dry, and out of the public eye. (Whenever I transported my bikes in a pickup truck, I could never relax when the vehicle was parked because my bikes were easy theft targets.- not anymore).

The prototype is framed with stainless steel (overkill) and sheeted with .062 6061 aluminum; the exterior is perfectly suited to custom paint or a wrap. What you see in the pictures is version 1.0 however version 2.0 has been finalized and would be ready for custom installation without the forward section. The prototype is on a 6.5 ft. bed however this can be scaled to fit any size pickup bed. The prototype can carry 8 ft. lumber if inclined at an angle.

This is a project in development and is patent-pending. I have one prototype that has surpassed all expectations. It is currently just shy of 200 lbs. and carries a mileage penalty of about 1.5 – 2 mpg depending on speed (by itself, not counting cargo weight). It is rock solid over 80 mph. Currently only the main section has been developed; a more aerodynamic forward cab-over section enjoys several design options but I have no prototypes for that component yet. This product has been professionally engineered by Kickstart designs, and I am currently looking at options for CFD modeling and structural analysis.

At this point I’m searching for the right partner to take the development of this project to the next step. I’m looking for someone or a group that is looking to help invest in an innovative solution and can add to the product design and versatility. If you think you might be the right fit please get in touch!

Kurt

812-691-1009

[kurt@quicktopper.com](mailto:kurt@quicktopper.com)

[kurtb71@gmail.com](mailto:kurtb71@gmail.com)