

A strong frame is a good basis.

Even good things can be improved! Here we show you how we reinforce the main item of an HPN, the frame. We get the improvement of the time of life, torsion-stability and bending strength that you expect from us and our products. Each step is documented precisely, beginning with the measurements of the frame when delivered, the

welding of the reinforcements and the measurements after the straightening procedure.

Our quality management has been successfully checked by the german TÜV. In addition we have several patents pending.



Reinforced steering head area, for better driveability and higher loads.

Alfred Halbfeld welding a frame, it is high precision work.



Reinforced rear section and mounting points of the shock absorber are designed for highest stresses.



At the stripped skeleton you see the reinforcements of the frame.



Also the swingarm area is reinforced.