Automotive

Motorcycle Frame

The main frame of the Highland 450cc Supermoto is made from austenitic HyTens1200® (1.4310 C1200) while the engine cradle and rear sub-frame are made from duplex LDX 2101® (1.4162) box sections. Both of these high-strength stainless steels have excellent formability in the cold condition. The means there are few limitations to component shapes, allowing considerable weight savings in the structure. LDX 2101® tubing features a combination of high-strength and formability, unmatched by competing tubular products. They also require no surface treatment. The chassis weight is 20% lower than that of the best rival motorcycles.