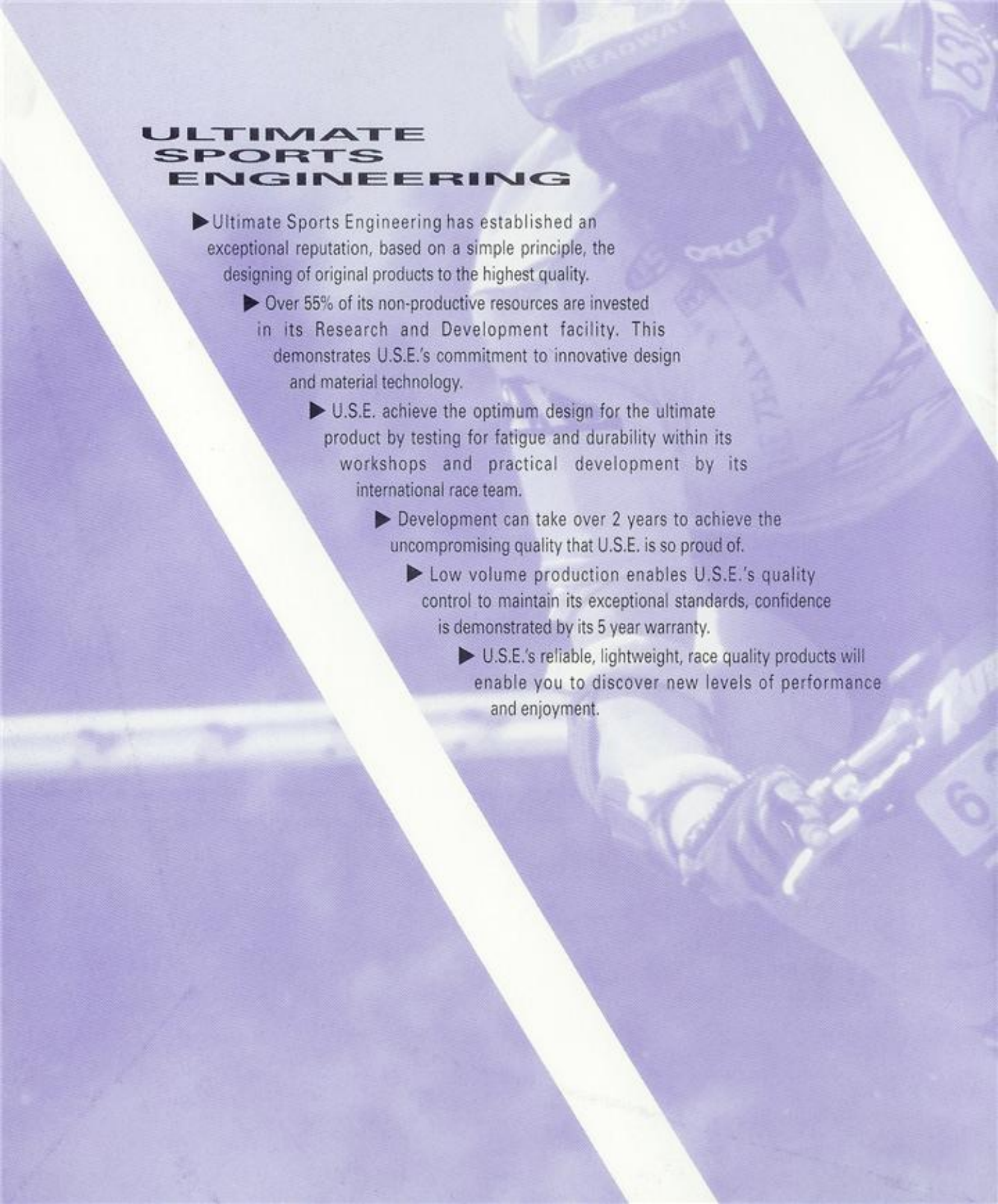


ULTIMATE SPORTS ENGINEERING LIMITED
UNIT 6, HAMPERS COMMON IND. EST.
PETWORTH, WEST SUSSEX GU28 9NN, ENGLAND
TEL: 0798 344477 FAX: 0798 344499



ULTIMATE SPORTS ENGINEERING

▶ Ultimate Sports Engineering has established an exceptional reputation, based on a simple principle, the designing of original products to the highest quality.

▶ Over 55% of its non-productive resources are invested in its Research and Development facility. This demonstrates U.S.E.'s commitment to innovative design and material technology.

▶ U.S.E. achieve the optimum design for the ultimate product by testing for fatigue and durability within its workshops and practical development by its international race team.

▶ Development can take over 2 years to achieve the uncompromising quality that U.S.E. is so proud of.

▶ Low volume production enables U.S.E.'s quality control to maintain its exceptional standards, confidence is demonstrated by its 5 year warranty.

▶ U.S.E.'s reliable, lightweight, race quality products will enable you to discover new levels of performance and enjoyment.

BARENDS HANDLEBARS



▶ The cumbersome design of conventional barends and the passion to utilise the extraordinary strength of 7075 T6 inspired U.S.E.'s design team

▶ The result, radical features that create barends with unparalleled strength/weight ratio. 7075 inserts with helicoils and specific grip finishes indicates U.S.E.'s commitment to excellence.

▶ **STRs** U.S.E.'s original barend. Machined to exceptional tolerances to give an 8 deg camber to the 125mm of 7075 knurled tubing. Barends with natural positioning, variable reach and security at only 85 gms.

▶ **Pro Race** So delighted with the performance of their STRs, U.S.E. could not resist further refinements. Tapered walls, rationalised length, fine CD finish and AL caps create the ultimate Pro barend. The world's lightest by far at only 59 gms. Untouchable!

▶ **ARCs** Formed to 105mm Rad, at 20 deg offset from 6082 T4 – the highest quality aluminium that can be formed in this way. Allowing variable hand position for maximum comfort and versatility.

▶ **Handlebars** As expected U.S.E.'s uncompromising material selection demanded 7075 T6 alloy. Constant wall thickness makes these bars perfect for all barends. Available in straight and three degree at 530 mm, 580 mm and to order 610 mm.

Simple and safe.

ALUMINIUM SEAT POST

▶ Aerospace developed 7075 T6 alloy – the highest grade and temper of aluminium tube available. U.S.E. has its 7075 manufactured to its unique specifications, demonstrating their commitment to uncompromising material selection.

▶ This has enabled U.S.E. to design an incomparable range of featherweight alloy posts. Inferior materials in the 2000 and 6000 series cannot compete. The lustrous anodised finish reflects the quality attained. Perfect for the discerning enthusiast.

Weights including 27.2mm shim:
220 mm – 160 gms
350 mm – 220 gms
420 mm – 250 gms





SUSPENSION SEAT POST

▶ When U.S.E. produced the original Suspension Seat Post (SSP) many people doubted the concept. Four years later it can be seen by the many imitators that the principle was 100%.

▶ Major manufacturers, after testing these imitations, now supply our SSP as standard equipment. No other brand achieves the quality, smoothness, reliability or weight of the U.S.E. SSP.

▶ The SSP increases not only comfort and control but also efficiency and speed. It enables the rider to maintain cadence (rhythm) as opposed to wasting energy rising from the saddle to avoid obstacles. Ideal for mountain and road.

▶ Three grades of elastomer and a preload adjuster enable the post to be tuned for any weight or style of rider. All moving parts have been designed to be replaceable and are contained in the service kit.

▶ Creative design and extensive development with aerospace 7075 T6 alloy results in this quality Suspension Post with 45mm of travel that weighs only 315 gms.

TITANIUM SEAT POST

▶ Remarkable Aerospace Titanium 3AL/2V – the highest grade of seamless titanium tube available. Unlike inferior grades this 3AL/2V achieves the strength and durability of steel with the weight advantage of aluminium.

▶ The inherent elasticity of this titanium makes it perfect for a robust but forgiving seat post.

▶ U.S.E. has optimised these qualities in the design of the definitive flyweight seat post for that competitive edge.

▶ The MTB posts are butted at high stress areas. All posts utilise our versatile shim system and micro adjust saddle clamp. These unique features create a post of exceptional weight without diminishing durability or efficiency.

Weights including 27.2 shim:
220 mm – 138 gms
350 mm – 185 gms
420 mm – 206 gms





SPIN STIKS

- Innovative design, titanium 6AL/4V rods, alloy nuts and steel washers create today's most dynamic skewers.
- The efficient spin action is as fast if not faster than conventional cam designs.
- For life long security, serrated steel washers are forged to the alloy nuts.
- Safety, this design cannot be knocked or jarred open.
- The Flynuts, broad ergonomic tapered section produce a powerful and comfortable lever.
- Fewer moving parts and steel bearing surfaces reduce friction for long term reliability.
- Light! Of course, at 59 gms a pair the lightest integral skewers.

SPIN TO WIN




USE