

ACE CAFE RACER

TRIUMPH



ACE 904 THRUXTON SPECIAL

BASED ON THE SPEED THRILLS AND BURN UP LEGACY, THE VERY CORE ESSENCE OF ACE CAFE LONDON, ITS CULTURE AND ITS HERITAGE, LIGHT, POWERFUL, AGILE, GO-FAST MOTORCYCLES.



"The deep, burbling soundtrack from the handmade stainless steel exhausts and drop-dead gorgeous looks... this is easily the best of the bunch of very fine modified Triumph Thruxtons I've had the pleasure of riding."

Michael Neeves | MCN

Built without compromise,

styled to perfection, engineered with excellence and of course, attention to detail, the 904S represents the pursuit of perfection. As individual as you and totally timeless.

The very essence of "Being British" pulses through the 904S with every single component modified, developed and manufactured right here in Britain. Built by hand and designed by specialists, even to the untrained eye it is unmistakable as something truly special.

This motorcycle is a collaboration of minds; bespoke beauty has been crafted with high-spec engineering and presented in jaw-dropping style. Its classic lines and subtle tones, paired with a modern engine and chassis performance, set it aside.

Tony Scott of T3 Racing, creator of the Thruxton 904S, pledged at its inception that this would be a very limited edition run. Only 15 will ever be built and all the components added would be designed and built from scratch using the best materials and engineered by experienced British companies with pedigree.

The mass-produced Thruxton EFI is the donor bike for the 904S. The only existing parts of the original bike used are the chassis and engine and even that was to be heavily modified. The revamped twin-cylinder engine now boasts 904cc with high-lift cams, lightened generator and re-engineered throttle bodies for increased mid-range performance.

With 80bhp at the rear wheel and a healthy 60 ft lb of torque at just 4500rpm, the 904S boasts a 35 per cent increase in engine performance making it both exciting to ride whilst maintaining the reliability of this classic twin.

Increased power demands capable suspension, brakes and tyres. For this T3 turned to three of its long standing partners in the form of Michelin, ISR and Nitron Suspension for their expertise in design and application of race technology.

Newly-designed wheels allowed the fitting of 160/70-17 and 120/60-17 performance tyres. Whilst Nitron's design flare crafted the utterly unique 43mm USD forks fitted with 20mm road and track cartridge units, Nitron have also turned their attention to the rear of the 904S to produce four-way suspension units with modern performance whilst holding true to a classic look.

Once unleashed the 904S is brought under control by the custom-made six-pot mono-block calipers giving feel and predictability through twin 310mm full-floating wavy discs.

The bike's bespoke electronic digital dash is state of the art, brought to you in collaboration with T3 Racing and HM Quickshifter. HM are responsible for designing the acclaimed Strain-Gauge quickshifter system and produced the above as the world's first plug-and-play electronic dashboard, used to great effect on the 904s.

Featuring four different display modes this unit gives you illuminated and concise information to include Triumph's EMS. Bar-end LED indicator displays are controlled in a unique fashion by a custom-built electronic system that gives the bike a unique and modern touch.

In keeping with the tradition of the heady days of record racing and Ace cafe London, the 904S has a bark as truly wild as its bite thanks to handmade stainless steel exhaust pipes which bellow that seldom heard unique British twin sound.

"Livery may be the last component to be added, but it is one of the most important, and for this Ace Cafe London and T3 commissioned Darren Horton Designs. As a designer and airbrush artist of major talent, exclusivity was added with airbrushed Ace emblems and high-quality pearlescent paint, whilst successfully maintaining the classic lines of the original Thruxton and giving it a unique contemporary look."

The collaboration between T3 Racing, Ace Cafe London and the Stonebridge Motor Company has brought together the classic days of 'record racing' along with the nostalgic feeling of that time. All mixed beautifully with modern thinking and materials to bring you something that will always be special, welcome to the 904S.



innovation

expertise

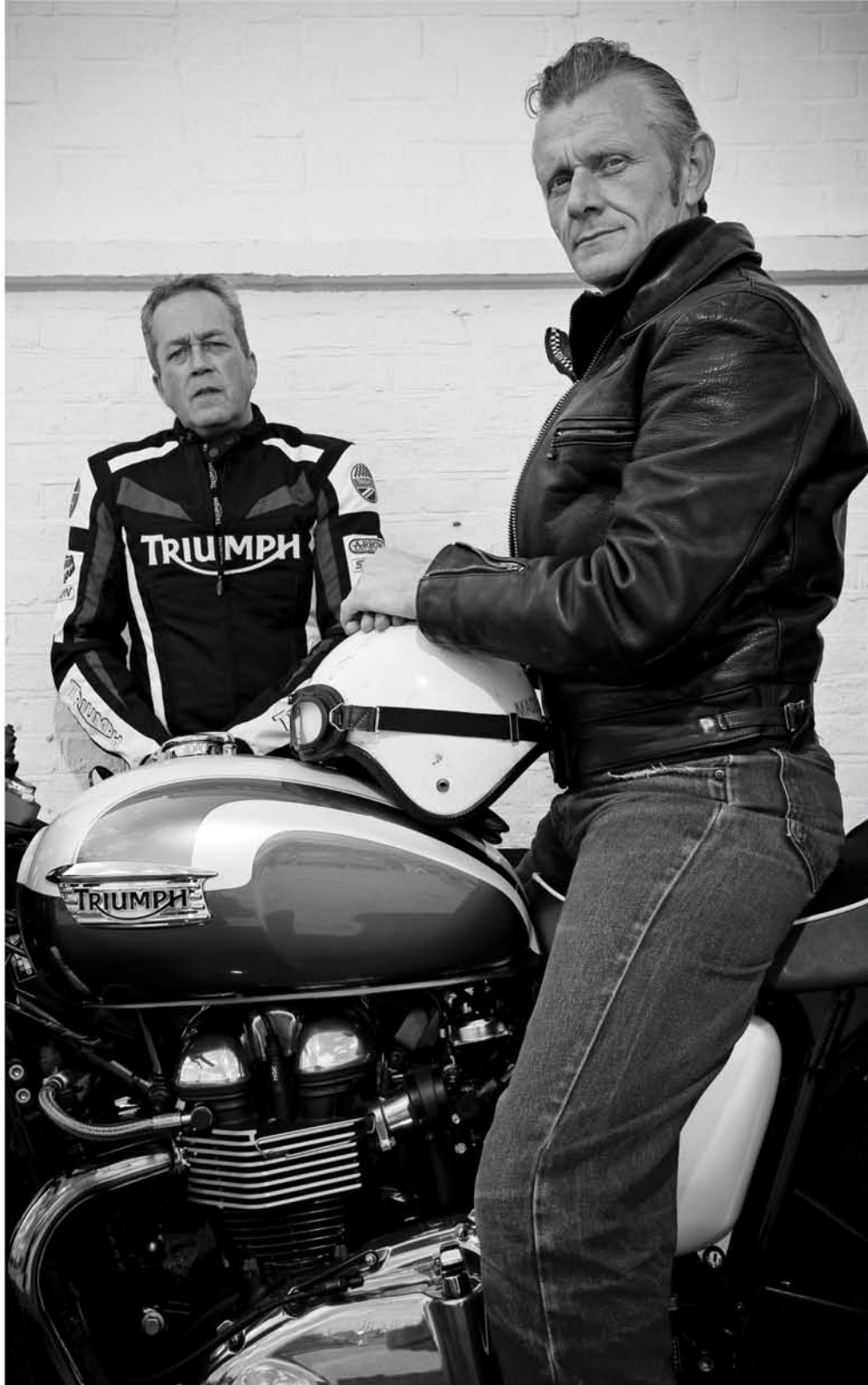


performance



T3 Racing





(left) Tony Scott | T3 Racing

(right) Mark Wilshire | Ace Cafe London

MOTOR CO.
Stonebridge
LONDON
ENGLAND





Edition No. 000/015

Dimensions

Length: 2150mm (84.6 in)

Width: (Handlebars) 760mm (29.9 in)

Height: 1095mm (43.1 in)

Seat Height: 820mm (32.3 in)

Wheelbase: 1,510mm (59.4 in)

Rake/Trail: 27 degree/97mm

Dry Weight: 230kg (506lbs)

Fuel Tank Capacity: 16 litres (4.2 US gal)

Performance: (Measured at rear wheel to DIN 70020)

Maximum Power: 80bhp @ 8000 rpm

Maximum Torque: 60ft.lb @ 4500rpm

Colours: Choice of colour scheme for coach work, anodising and wheels can be specified during build.

Bike Specification

Engine: Air-cooled, DOHC, parallel-twin, 360 degree firing interval

Capacity: 904cc Bore/Stroke 90 x 68mm
Compression Ratio 9.9:1

Fuel System: Multipoint sequential electronic fuel injection with SAI Transmission

Final Drive: X ring chain

Clutch: Wet, multi-plate

Gearbox: 5-speed

Cycle Parts

Frame: Tubular steel cradle

Swingarm: Twin-sided, tubular steel

Front Wheel: 36-spoke, 17 x 3.5in, aluminium rim

Rear Wheel: 40-spoke, 17 x 5.5in, aluminium rim

Front Tyre: 120/60/17

Rear Tyre: 160/70/R17

Front Suspension: T3/Nitron 43mm upside down forks with 20mm road/track comp/rebound stacks. Adjustable preload, rebound and low speed compression damping, 120mm travel.

Rear Suspension: T3/Nitron Twin monoshocks with piggy back reservoir adjustable for preload, rebound and high/low speed compression damping, 130mm rear wheel travel.

Front Brakes: T3/ISR 6 pot monoblock calipers with radial master cylinder. Twin 310mm full floating wavy discs.

Rear Brakes: Single 255mm disc, Nissin 2 piston floating calliper.

904s

A British classic...
built by experts for modern performance



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