



Celebrating its 45th birthday in 2016  
with the new:

GP>>450

GP>>450*s*

GP>>450*25*



## A GREAT BRITISH TRADITION

CCM

CLEWS  
COMPETITION MACHINES

In 1971, out of pure frustration, Alan Clews, a keen scramble and trials rider, built his own BSA based scrambler, as the factory wouldn't sell him (or anyone else for that matter), one of their 500cc works machines. He made such a professional job of it that word got around and as soon as it was finished he had to build another. And another...

Clews Competition Machines was born.

GTU 768K

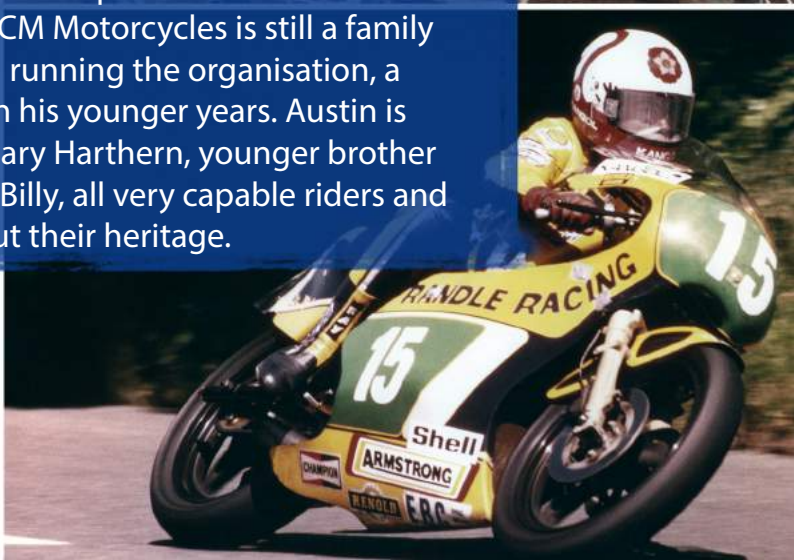
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CCM went on to a string of motorsport successes in trials, road racing, Supermoto and Motocross, creating a priceless 45 year racing heritage, the DNA of which lives on in the GP450 Adventure. The firm continues to enjoy a successful and long standing relationship with the British and American military providing fleets of utilitarian vehicles for use in some of the most hostile areas on the planet.

Whilst Alan has now retired, CCM Motorcycles is still a family affair with eldest son Austin running the organisation, a successful motocross rider in his younger years. Austin is supported by brother in law Gary Harthern, younger brother Russell and sons Ben, Jack and Billy, all very capable riders and passionate about their heritage.



## THE SUPER LIGHTWEIGHT REVOLUTION

CCM have a history of being ahead of the curve, with the dual sport range of bikes and the street scrambler launched in 2007 well before the current trend for chunky retro-looking naked bikes were ridden by the ultra-cool and style conscious motorcyclists of today.



The timing for the GP450 Adventure is far timelier, as the genre becomes increasingly crowded with heavy, over powered and complex machinery that suggest a lifestyle where the rider is an interesting and intrepid explorer. The GP450 is the antithesis to all of this weighing in at a feather weight 125kg (dry weight) with a flexible and eager 450cc BMW engine, already proven in the toughest adventure of all, the fearsome Dakar.

As with all CCM thoroughbred machinery, the GP450 is the sum of a quality range of components underpinned by the revolutionary race bred bond-lite frame, endowing the bike with a stiff, slender profile which in turn accommodates 20 litre fuel tanks across the length of the bike; thankfully, the ergonomically designed riding position provides an all-day comfortable ride to compliment the 250 miles (400km) tank range.

This lack of weight instils the rider with the self-assurance to take on the toughest trails without trepidation, the plush, fully adjustable suspension unchallenged. And on the road, the GP450 is unfazed by poorly maintained road surfaces bestowed with a wonderfully taught and planted feel, allowing swift progress when taking the long way home from the office.





*“The quality of ride  
is like nothing I’ve  
ever experienced”*

*David Mathers*



Creating a lightweight motorcycle is not just about being able to pick the bike up when you're travelling on a remote trail on your own. The GP450 design team have created something very special, a motorcycle that puts a smile on your face without the need for colossal power outputs, complex electronics and masochistic race ergonomics.

Beneath the rugged Dakar inspired adventure clothing, the beautifully crafted "Bond-Lite" frame underpins a geometry that uniquely delivers dirt bike capability off-road, allied with the all-day comfort and handling of a sports touring machine.

The lightness of the GP450 instils a confidence that allows you to simply get on and enjoy the ride, engaging with the trail, the landscape, hooking that perfect combination of gear and throttle that provides the feeling that only a motorcyclist can understand, just a slight weighting of the foot pegs providing intuitive changes to direction.

But lightness is nothing without balance and poise. Whilst the fuel capacity is a generous 20 litres, this extra payload is spread low and long across the majority of the bike's frame via an ingenious triple tank arrangement, the end benefit a useable 250 mile (400km) range.







*Take in the view*



*Take a walk on the wild side*



*Creative ensemble*



*B-road blast*



*Off the beaten track*



# KEY FEATURES & SPECIFICATIONS



- 1 Integrated main fuel tanks form the entire rear end maximising fuel carrying and weight efficiency.
- 2 Class - leading ground clearance.
- 3 4 x seat heights from 790-950mm along with rider friendly ergonomics give the ideal balance for on and off road riding (high seat available)
- 4 Aluminium billet fork clamps with Renthal Fatbars.
- 5 Bond-Lite frame is forged, CNC machined and bonded together using aerospace technology creating an incredibly strong, light and predictable chassis without the usual stress areas of a welded frame.
- 6 Proven, reliable, light weight and responsive 450 single Cylinder BMW engine with fuel injection. Bespoke mapping allows 5000 mile service intervals
- 7 Chassis and suspension geometry using decades of experience gives controllable yet nimble handling for any surface.
- 8 Together with main tank, the 2 x front fuel tanks give 20 ltrs capacity and up to 250mile range.
- 9 Bespoke billeted aluminium wheel hubs and strong light weight alloy rims.
- 10 Brembo brakes both front and rear give instant stopping power and progressive feel on loose surfaces.
- 11 Dual sport tyres.



## ENGINE

Displacement	449.50 ccm (27.43 cubic inches)
Engine Type	Single cylinder, four-stroke
Fuel System	Injection. Electronic intake pipe / Keihin digital engine
Power	40.23 HP (29.4kw) @ 7500 RPM
Torque	42.80 Nm (31.6 ft.lbs) @ 6500 RPM
Generator Output	180W (270W option)
Gearbox	5-speed
Final Drive	Chain
Top Speed	145.0 km/h (90 mph)
Emissions	104.4 CO2 g/km - Euro 3
Service Intervals	8000km (5000 miles)

## STATIC DIMENSIONS

Dry Weight	125.5 kg
Power / weight ratio	0.32 KP/kg
Seat Height	890mm (790mm*)
Overall Height	1,475 mm (1375mm*)
Overall Length	2,170 mm
Wheelbase	1,510 mm
Fuel Capacity	20 litres
Ground Clearance	360mm (260mm*)

(\*Low version dimensions)

## CHASSIS

Frame Type	6061 T6 Forged Aluminium, Lightweight Bonded
Front Suspension	265mm Travel (165mm*) Marzocchi 45mm Dia Upside Down forks
Rear Suspension	265mm Travel (165mm*) Cast Aluminium swingarm & polymer linkage system, Tractive shock absorber with Pre load, damping & compression adjustment
Front Brake	Brembo Caliper, 320mm Disc
Rear Brake	Brembo Caliper, 240mm Disc



A BIKE FOR ALL RIDERS & ALL TERRAINS

Colle  
dell'Assietta  
2472 m





*The Hard Alpi Extreme*



*Seat heights from 790 to 890mm*



*Crossing Argentina to The Andes*



**NGK**  
SPARK PLUGS

# ALL TERRAIN RALLY CHALLENGE

THE UK RALLY CHALLENGE FOR ALL OFF ROAD MOTORCYCLES

*Steve Hague & The GP450 Adventure*  
*Winners of the Trail Class in the*  
*2014 All Terrain Rally Championship*





# YOUR GP450 ADVENTURE





# GP450 "S" MODEL

The new model "S" gathers together most of the must have "farkles" to accessorise your GP450, enhancing what is still a very exclusive machine. With rugged bash guards, a full luggage kit and an attractive style packs of decals and embroidered seat, your new GP450 is ready for your next camping trip, long range adventure or shopping expedition! The real benefit of buying this special edition GP450 though is a huge saving over individual retail prices leaving you with more money to spend on riding

Included over standard model:

- Adjustable screen
- Starter motor guard
- Soft luggage racks
- Cush drive
- Brush guards
- Style kit
- Tough bag Kit
- Heavy duty bash guard
- Universal luggage rack
- Front accessory bar



Spotlight option



optional upgraded generator





## GP450 "RS" MODEL

Wouldn't it be great to have a bike for every occasion, every mood, every purpose? The reality however for the majority of us is that we have to make choices, compromises, driven by cost or space in the garage. Two motorcycles in one, the new RS Model satisfies the desires of those who love to follow the path less trodden, exploring remote trails and forest tracks where only a superlight weight adventure bike can. However, when the sun is shining and the tarmac is hot, simply swap out the rugged 21" front and 18" rear trail wheels and slot on the purposeful 17" laced wheels to take the GP450's already responsive on-road handling to another level. And to further enhance the sporting look and feel of the RS, fully adjustable upside down WP forks give you that extra edge. Now you don't have to make compromises any longer.





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