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weaponry. These bikes are from that unsettled period when American, British and Japanese manufacturers were all forced to innovate, in order to stay in the game. Their success is easily
established in the harsh light of hindsight but at the time, for established in the harsh light of hindsight but at the time, for
all of them, there was everything to fight for. Like so many dirt track fans from outside the US, Alastair was first hooked by the look of these bikes. They're almost a aricature of a motorcycle, just the absolute essentials distilled into one muscular package. The only augmentation is the three fighting chance once the Carlisle dirt track tyres were spitting up rooster tails of Illinois pea gravel. Some might think a British bloke collecting dirt track bikes is strange, but it's no stranger than collecting any other kind of race
bike. The opportunities for the bikes to stretch their legs is imited, but Alastair isn't afraid to ride them (at classic sprints), or let them be ridden.
WVe photographed them at Rye House Speedway circuit, north of London in Hertfordshire.


##   

Trackmaster is one of the most famous names in dirt track. The Californian chassis manufacturer was founded by Ray Hensley (who previously had made frames as SonicWeld). At one time
firm was owned by the multi-talented flat track photographer Walt Mahony. What isn't in doubt is that Trackmaster made some f the sweetest-handing chassis of the lat-1 160 s and early Trackmaster BSAs, Triumphs, Nortons and Yamahas have eeen ridden to race wins by the greats of che era. fremes that won, time and again, at the Southern Californian bear pit of Ascot Park in Gardena, Los Angeles.
There are a few different disciplines that can be covered by he catch-all phrases of flat track or dirt track. Because of the influence and allure of On Any sunday many people presume d riders tended to be a specialist in one of the sub-categories. Miles have their aces, quirks and techniques, but so do the half-miles, short tracks (similar in size to British speedway tracks and often even tighter) and Te - dirt track win Yampha's small displacement track racers had been compecfore Yamaha US threw their weight behind the sport. With the release of their parallel twin XS650 they were ready to compete on the big tracks.
Enter Sheldon 'Shell' Thuet. "In 1970 Yamaha approached Shell and asked him to build a motorcycle capable of competing Alastair explains. "Shell took a purpose-built frame made by Trackmaster and modified some engine parts from the XS650 twin roadbike to produce a bike for Ke" first time out on Ascot's half-mile track." Around the same time, the Palmgren brothers, Chuck and Larry, both professional riders, also racelised haser 650 cc racers Yamaheadwork by C.R. Axtell. Chuck gave Yamaha the firs US National championship race win by a Japanese bike in September 1970."

Unlike Harley's XR750, which was and always has been a race bike engine, sold in sufficient quantities to homologate it, the XS650 came out of Yamah's' Brit-inspired road bike. For the 1972 season Shell increased capacity to 750 cc and was approached to run a team for Don Castro and newly qualified expert, Kenny Roberts. A year later Roberts was Grand Natio
Champion. So, this bike, while not from that team, is a very similar spec, and has Shell's fingerprints all over it. Alastair believes this chassis is unique, as it's an XS-spec Trackmaster with an adjustable swingarm pivot, so firm built for some pros, but not many the racers. It has the right-hand shift, and a bike built to emulate
 demanded by racers of that era. It has Shell's cams, big-bore and headwork. The 19in Akront wheels have a spool front hub and quick-change rear hub, so the huge disc and sprocket can be
switched and the uni-directional tyre can be turned for a new edge (they only need to turn left, remember) edge (they only need to turn left, remember).
Ray Hensley and Walt Mahony have both passed away and the Trackmaster name has been bought and sold, but it's still possible to buy an identical frame and swingarm made to th ame specification and on (he originaill.com)

Ingine/tiransmission 1 . 70 ), air-cooled, 4 -valve, paralel twin
 Channeto
Chasssis Frame Trackmaster chro-moly duplex frame Suspension (rront) Beto 35 mm forks with adiustable preload Suspension (rear) Progre
shocks WWeight 3001 l (approx) Wheeibase 5 Sin (1122mm)

Fuel capacity 9 litres (approx)



piss and arive sprocket are
interchangeable on the huub



##  

The Harley is a rough old lump and the Yamaha is aggressive, but the BSA is so pretty, lovely and very easy to ride," says Alastair. It is pretty, no doubt about it, but how easy it would be to race on a bumpy, cushion, mile track in the rear-end of down your neck is debatable. Alastair's trio of dirt trackers is completed by his Trackmaster ASA A70. It's from the same era as his Harley and proves that "Triericans werent the only ones to react to the rule change 50 cc Bonnevill and BS 4 sed a mece conversion for the 650 cc A 65 Lightning twin to remain competitive " explaii Alastair. "By 1971 Japanese bikes were gaining ground, BSA depended heavily on the US market and racing was an important ay of promoting sales - so they developed an export-only 750 c That export-only machine was the A70 Lightning b ittle more than a footnote to the BSA story - too little aid becan ate to make a difference
Still, Dick Mann, Don Emde, Jim Rice and Dave Aldana were and they all competed on A70s. "My bike was built at BSA's Armoury Road Factory in August 1971 in a stock frame with full road equipment and promptly shipped to Baltimore. Eric Witt, BSA's area representative for the West Coast, supplied it to racer Dan Perko of Colorado.
He immediately had local tuner Rick Cook rebuid Trackmaster oil caryin tune " Cobuild it in Perko was one of hundreds of lo
States, some of whom could beat the best on their day at thei local track, but didn't have the commitment, all-round skill or drive to compete in the brutal and debilitating Grand National Championship. That didn't stop them building bikes that could compete at the sharp end though.
"Perko dominated the 750 class
first places and one second from seven roces ato, including fou


Raceway between 1971 and 1973. He usually won if remembered to fill the tank!" says Alastair of the bike's And like all Alastair's bikes, the BSA's engine remains in the exact specification that a dirt tracker trying to earn dough and national points
include Me Mave have run. Period-perfect racing tweak single-fire magneto ignition, lightened and balanced crank a narrowed primary cover for better cornering ground clearance. "Ascot regular and Daytona 200 winner] Don Emde told me that racers used to fabricate these covers from aluminium sheet and sau cepans to cover the clutch basket and crank end,
says Alastair Other ch 35 mm forks, Carlisle tyres on Borrani WM3 rims with Barnes hubs, Hurst-Airheart master cylinder and Flanders bars. The leather seat was made fams for the steel soles that Shoe Man', Ken Maely, who was famou
left boots.
This bike, like Alastair's other machines, ticks virtually every box when it comes to the 'must-have' parts for an early-1970s dirt tracker. That this trio of machines should belong to one man living in South Wales, only makes them ere markable.

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 GearboxClose-ratio BSA A-speed Ignition $A R D$ Farnett wet multi-plate magneto with Mallory condenser
Cherssis
Chassis
Frame Track
Srame Trackmaster oili-n-frame chro-mo duplex with 's-sided's swingarm
Suspension (front) Ceriani 35 mm forks with adi ustable pred



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