

he Excelsior Welbike, or Parascooter as they are sometimes referred to, came about when the British decided they needed a mechanised means of transport that would enable airborne troops to advance more quickly than on foot. At that time, the British had no aeroplane capable of airlifting Jeeps or other vehicles so motorcycles were identified as a sensible solution. What was needed now was a readily transportable version—one that could fit into a standard parachute container—1300mm (51in) long by 38cm (15in) high and

30cm (12in) wide. The intention was to either parachute them in alongside paratroopers or land them by glider. By now, the Allies had witnessed the Germans using air-portable motorcycles during the Cretan Campaign, so they knew that it was within the realms of possibility.

Under an initiative driven by the Special Operations Executive (SOE) based at Station IX near Welwyn in Hertfordshire, Harry Lester/an SOE employee and motorcycle enthusiast, and designer Lt Col John Dolphin devised a prototype that fitted the bill. This was then sent on to Excelsior Ltd, never a big motorcycle manufacturer (and at this point only taking on contract engineering jobs), to be put into full production. Between 1942-1943 across a number of different contracts, nearly 4,000 units were made of three different versions. The Mk1 was very much like a production version of the first prototype, the Mk2 had a number of modifications, including the addition of a rear mud guard and then finally, the Mk2 Series 2, which had a revised fuel tank layout and an



The prototype Welbike was designed at the Special Operations Executive's (SOE) 'Inter-Services Research Bureau', military research centre at 'Station IX' based at Welwyn in Hertfordshire - hence the name; Wel-bike. Engineers at Station X also designed the Welrod silenced pistol and the Welman submersible canoe



This example is a MK1
version, produced in
around August 1942. As
such it was one of the
first 400 made. It was
later returned to the
factory and upgraded to
Mk2 status









The Excelsior Motor Company claim to have been the first British maker of motorcycles for sale to the general public, but were never a major manufacturer



As there is only a foot-operated rear brake and no lights, these motorbikes are not road legal



petrol giving a maximum range of 90 miles



Showing the handlebars collapsed, when the steering column is extended the handle bars are fixed in place with a knurled knob



canister and erected ready for use in around 11 seconds, this was 11 seconds in which he was not running for cover. The ground over which these bikes were intended to travel was the broken battlefield of Western Europe and the small wheels and road tyres soon clogged with mud; the minimal power in the 98cc engine meant that they struggled to cope with the terrain.

Evidentially, the Welbike was well used in training exercises but there is little to suggest that it was widely used in active service. It is known to have been in use on the beaches in Normandy in June 1944 and during Operation Market Garden in September of the same year but most contemporary photographs of the Welbike show paratroopers drill training the unpacking of them and not riding them towards enemy lines.

One factor that probably contributed to this piece of design engineering history not fulfilling its potential, was the RAF bringing online the American DC-3 Dakota, a much bigger transport plane than had been available before, which, along with bigger cargo gliders, enabled the transportation of Jeeps and rendered obsolete the short-ranged, single person Welbike. Very few of them remain now, probably

ABOVE: Paratroopers retrieve a Welbike from an equipment container on the drop-zone, during a large-scale airborne forces exercise, April 22, 1944 BELOW: Commandos coming ashore from landing craft at St Aubin-sur-Mer on Juno Beach, June 6, 1944



because of their impracticality for anything other than being packed away in a parachute canister, but for those with an interest in military vehicle design and development, the 200 or so survivors will always be a fascinating curiosity. Ultimately Welbikes symbolise a time in the 20th century when any technical advantage could have proven to be the difference between winning or losing and demonstrate the innovative lengths armies were prepared to go to in order to find that advantage.

