

## **GIESMAR EG04C MOTORISED TROLLEY 909140**

This small motorised lightweight trolley is designed to be lifted on or off track easily. It is intended to allow up to four Permanent Way staff to inspect track as necessary or transport themselves to a work site.

It was built by Geismar UK Ltd at their premises on the Brackmills Industrial Estate, Northampton, in 2007, for use by Network Rail (NR). It was classified as a Geismar Steel EGO4 four seater trolley and given the build number: ST/04/09. NR allocated European Vehicle Number/UIC Regolamento Internazionale Veicoli (EVN/RIV) Number: 99709 909140-4 to it. 909140 was out-shopped in NR Yellow livery.

An NR order number has not been sourced but it is known that a Honda model GX120 5.5hp petrol engine is fitted and it's details are as follows:

Engine Type	Air-cooled 4-stroke OHV
Bore x Stroke	60 X 43.5 mm
Displacement	122 cm <sup>3</sup>
Net Power Output	3.2 hp (2.4 kW) @ 3,600 rpm
Net Torque	5.5 lb-ft (7.3 Nm) @ 2,500 rpm
PTO Shaft Rotation	Counter clockwise (from PTO shaft side)
Compression Ratio	8.3:1
Lamp/Charge coil options	25W, 50W
Carburettor	Butterfly
Ignition System	Transistorized magneto
Starting System	Recoil
Lubrication System	Splash
Governor System	Mechanical
Air Cleaner	Dual Element
Oil Capacity	0.98 pint (0.56 litre)
Fuel Tank Capacity	3.5 pints (2.0 litres)
Fuel	Unleaded 86 octane or higher
Dry Weight	28.9 lbs. (13.2 kg)

Many similar trolleys are proving useful to heritage railways around the country.

It's working history is not well known although, during 2012, it appeared to be based at NR's Bridge Street depot in Northampton. It moved to the Swanage Railway during the Summer of 2013 in a well used and faded condition. Since then it has been overhauled and repainted.