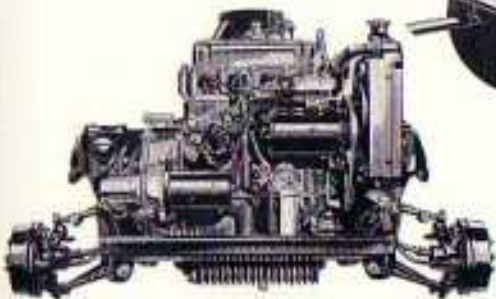


# MORRIS mini-MOKE

Four-wheel independent rubber suspension means day-long comfort for driver and passengers, however tough the road conditions.

Source of the Mini-Moke's fantastic traction is front-wheel drive, with the full weight of the engine and transmission directly overhead. Dust, mud, sand, snow—the Mini-Moke will really go.



Almost all the mechanical parts of a Mini-Moke are embedded in the amazing cast-iron body. Only 18 inches of the total length of the vehicle are taken up by engine, clutch, gears, differential

and transmission. Gears and differential are inside the body! This incredible engineering achievement gives extra room for the carriage of men and materials.

Simplicity of design! That's the hallmark of the Mini-Moke and the reason for its indestructible character. Notice how the weight is where you want it—directly over the driving wheels.

Instrument panel includes warning lights for ignition, low oil pressure, dirty oil filter, coolant and headlight high-beam. Switches mounted centrally.



# SPECIFICATION

**ENGINE:** In-line, water-cooled, overhead-valve, five-cylinder overhead injection engine. In-line with clutch, gearbox, and final drive. Horizontal arrangement at front of vehicle. Max 2.4 (litre) (2400 cc) Stroke 2.97 in (76.0 mm) Compression ratio 8.5:1 Max 1.99 l.p.m. Maximum torque 44.6 lb-ft (3200 r.p.m.)

**FUEL SYSTEM:** Single fuel injection, type HEI, S12 electrical fuel pump. Air filter with paper element; petrol and vapour trap; yellow (20 litres) fuel filter in pump and fuel line.

**LUBRICATION SYSTEM:** Full pressure oil engine lubrication, same lines of both for gearbox and final drive. Inboard power-steer pump driven by secondary belt-drive oil filter with variable element. Oil with safety operating warning light no longer indicates when oil change is necessary; glass oil-level in sump; magnetic sump drain plug oil capacity, including transmission, 8 litres (15 litres) approximately, plus 1 pint (0.57 litre) for filter.

**IGNITION SYSTEM:** 12-volt coil, and distributor with automatic and vacuum control. Suitable for operation with elemental grade fuel.

**COOLING SYSTEM:** Pressurized radiator with pump, coolant fan, and thermostat. Capacity approximately 5 1/2 pints (3 litres).

**TRANSMISSION:** Clutch 7 1/2 in (193 mm) diameter, hydraulic operation by gearbox pedal. Gearbox five speeds and reverse with synchromesh on second, third, and fifth gears with engine and final drive mounted three-shaft gearbox. Final drive by front wheels via final gear gears and prop shafts with universal joint drive taking to rear axle shaft and gearbox.

#### Gear ratios:

	Gearbox	Overall	Final drive	Final speed at 1,200 r.p.m.
Reverse	3.61:1	3.61:1	—	—
1st	2.61:1	3.61:1	—	108 m.p.h.
2nd	2.17:1	4.17:1	—	142 m.p.h.
3rd	1.91:1	5.18:1	—	184 m.p.h.
4th	1.68:1	5.70:1 (5.70)	1.62:1 (1.62)	212 m.p.h.

**STEERING:** Rack and pinion (21 turns lock to lock); two-speed (10 to 10.4) oil element steering rack. Torsion bars (H & H) (H & S).

**SUSPENSION:** Front (includes final drive) independent with beam of unequal length. Torque coil mounted on ball joints (flexible springs adjustment shock absorbers mounted close to hub liners. The front coil-over has a lower front subframe mounted

to lower coil. Rear and air-brake by coil-over-mounted shock. Rear independent trailing vehicle beam with rubber springs and telescopic shock absorbers. Lower carry rail shaft for hubs which have twin ball-bearing bearings.

**BRAKES:** Front: All four wheels, hydraulically operated by pressure pedal with two bearing shoes at front and trailing shoes at rear. 7 1/2 in (193 mm) diameter by 1 1/2 in (38.1 mm) wide front and 7 1/2 in (193 mm) rear. Rear: Central pivoting brake which operates on rear wheels. In order to allow positive braking a constant bearing wire is introduced between the master cylinder and rear brakes.

**ROAD WHEELS:** Frontal cast, knock fixing, 3.00-10 low-profile safety tyre. Optional for cross country, 3.00-10 Whittemore tyre, with tubes.

**ELECTRICAL:** 12-volt, 35-ampere, capacity battery in 20-litre van. Developing headlights with four-lamp dim switch, dual-lens or head lights, overhead rear lamp and stop lamp, engine fan battery and reflector, rear-sensor-lens. Head-lamp beam single beam, with park or corner of lighting-effect.

**INSTRUMENTS:** Speedometer with petrol gauge, including warning light to show when reserve fuel remains and fuel pump high-pressure position, low oil pressure and dirty oil filter element. The warning switches, including combined ignition/stop switch, are mounted on a panel in the centre of the dash.

**BODYWORK:** Front end, unitary construction van-type body with reinforced plate (H & S) lower, supported by independent leading axle tubes. Fabricated personal seat upholstery, detachable from the body, permits reclining in front for power post/pressure-adjustable assembly, and for making with suspension elements at the rear. Low oil pressure/water construction, a detachable, and has a limited range of fire and oil collection work. Heavy screen can be also detachable. Windscreen can be folded down or removed completely. Spring adjuster supports front and rear. Flat belt anchorage points.

#### Loading dimensions and data:

Wheelbase	—	—	—	—	—	—	—	—	—	105 1/2" (2680 mm)
Length (overall)	—	—	—	—	—	—	—	—	—	128" (3250 mm)
Width (overall)	—	—	—	—	—	—	—	—	—	51 1/2" (1305 mm)
Height (load to ground)	—	—	—	—	—	—	—	—	—	30" (762 mm)
Height (load to ground)	—	—	—	—	—	—	—	—	—	31" (787 mm)
Ground clearance	—	—	—	—	—	—	—	—	—	6 1/2" (165 mm)
Dry weight	—	—	—	—	—	—	—	—	—	Approx. 1000 lbs.

**OPTIONAL EXTRAS:** Sleep protection, Deluxe Whittemore tyre, front and rear grab handles, laminated windscreen, passenger seat, two roof rails.

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# MORRIS MINI-MOKE



# Just a few of the uses for mini-MOKE

- Hotel beach-wagon
- Holiday camp car
- Golf course caddy truck
- Works transport for manager, maintenance men
- V.I.P. limo tours
- Point-to-point transport for works personnel
- Site survey vehicle
- Mobile workshop for farmers, estate managers, vets

Never was a vehicle so versatile and so economical as the **MINI-MOKE**. Based on the world-proved **MINI Saloon**, it's built rugged all through for sheer reliability.

Cheerfully tackling any task, the **MINI-MOKE** brings the verve of high performance to work-a-day routine. You can think of a use for the **MINI-MOKE**.

Fantastic economy, sheer reliability!  
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TAKE-ANYTHING USAGE.

Super-safe handling,  
—SURE-FOOTED AS A CAT  
WHEREVER YOU TAKE IT.

**Fantastic economy**  
**Front-wheel pulling power**  
**Superb road holding**

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—ENGINEERED FOR TOUGH  
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**super-safe handling**  
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