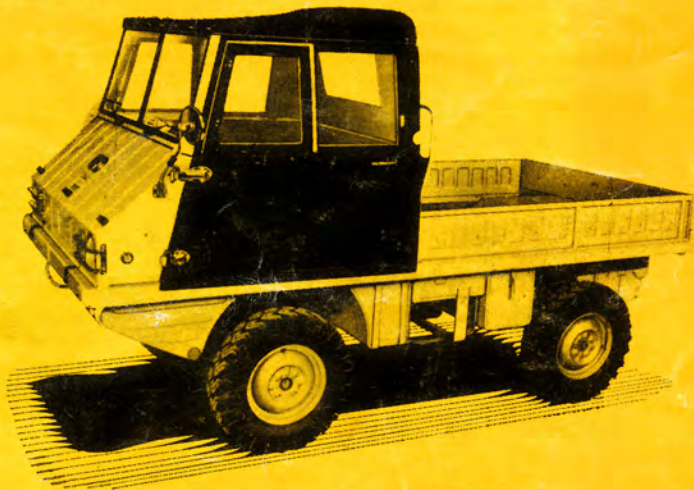


HAFLINGER

703 APT

*ALL WHEEL DRIVE LIGHT
CROSS-COUNTRY VEHICLE*



IMPORTED, ASSEMBLED & DISTRIBUTED BY
HAFLINGER SALES & SERVICE PTY LTD
22 BOOLOORA ROAD, SPRINGVALE, VIC,
3171. TEL: 547-2447.



BASIC TYPE



WITH ALUMINIUM DOORS
STANDARD MODEL



LARGE TARPULIN COVER
WITH ROLL UP REAR DOOR



WITH HARDTOP DRIVER'S CAB OF FIBRE-
GLASS-REINFORCED POLYESTER RESIN

- Air-cooled 4-stroke engine
- Continuous output: 30 SAE-hp
- Governed speed 47 mph
- Hill-climbing ability up to 67%
- Low dead weight of about 1500 lbs.
- Payload up to 1135 lbs. (including driver), loading area approximately 22 sq. ft.
- All wheel drive
- Differential locks on front and rear
- Fully synchronized 5-speed gearbox
- Independent coil suspension all round
- Power take-off for supplementary equipment (Model APTL)
- Suitable for towing a light two-wheel trailer with a total weight of 770 lbs.
- By raising the recessed rear seats the level platform can be converted for passenger transport.

ENGINE

- Horizontal 2-cylinder 4-stroke air-cooled engine
- Bore 80 mm (3.15 in.)
- Stroke 64 mm (2.51 in.)
- Swept volume 643 cc.
- Compression ratio 1 : 8
- Output: 30 SAE-hp at 4800 rpm
- Max torque 32.6 ft./lbs. at 3500 rpm
- Valves: in OHV arrangement in the hemispherical combustion chamber of the light-metal cylinder head. Exhaust valve with hard-faced seat. Valve stems chromium-plated.
- Cooling: Axial blower with Vee-belt drive
- Lubrication: Forced oil circulation by means of geared pump
- Fuel delivery: By mechanically acting fuel pump
- Carburettor: Special cross-country type down-draught carburettor
- Air Filter: Through cyclone filter to oil bath air filter then to microneric dry filter. Fully closed breather system.
- Electrical equipment (if desired radio shielded): Battery ignition, BOSCH 12 Volt/240 watt starter-dynamo.

CLUTCH

- Single-plate dry clutch with ball-bearing equipped clutch release gear.

GEARBOX FINAL DRIVE UNIT

- Gearbox: 5-speed change-speed gearbox with reverse gear, all gears positively synchronized; gear changing: floor shift lever; final drive: by means of spiral bevel gears, bevel differential and wheel-drive shafts to the spur gear transmission in the wheel hubs; transmission ratios: 1st Gear 6.83; 2nd Gear 3.73; 3rd Gear 1.84; 4th Gear 1.12; 5th Gear 0.71; Reverse Gear 3.55; Axle-drive ratio 4.22 (9 : 38); Final drive 2.38 (16 : 38). Four optional hub gear ratios.

FRONT-AXLE DRIVE

- Drive by means of spiral bevel gears, bevel differential and homokinetic joints to the spur-gear transmission in the wheel hubs. The front-wheel drive may be engaged or disengaged while driving under load without clutch.

DIFFERENTIAL LOCKS

- Provided in both axle drives and can be engaged or disengaged individually also under load without clutch.

WHEEL SUSPENSION

- (Fully floating axles): Independent wheel suspension by means of forked floating half-axes.

SUSPENSION AND SHOCK ABSORBERS

- In front and rear a combination of coil springs with progressively acting hollow-type rubber springs and dual-action hydraulic shock absorbers.

STEERING

- Worm and sector steering as independent wheel control with split track rods; min track circle diameter 8.7 m (28.5 ft.); min turning circle diam. 9.3 m (30.5 ft.).

BRAKES

- Pedal brake: hydraulic four-wheel brake, diameter of brake drums; 215 mm (8.46 in.); hand brake mechanically acting on the rear wheels.

WHEELS AND TYRES

- Disc wheels with 3.50 x 12 rims and tyres 165-12 with special off-the-road tread. Optional 700 x 12 (sand); 23.850 x 12 (terra) extra flotation.

BASIC BODY STYLE

- Open platform of moulded sheet steel pressings. The front panel carries the headlights and the horn on its outside, whereas the instrument panel with the switches, gauges, glove compartment as well as the operating controls are mounted on the inside.

SPECIAL OPTIONAL EQUIPMENT

- Four rear seats (recessible into the platform)
- Power take-off for ancillary equipment dependent on the engine speed. Transmission 1 : 1.65 (Type APTL).

MAIN DIMENSIONS AND WEIGHTS

- Wheel base (1800 mm = 71 in. optionally) 71 in. (1800 mm)
- Wheel track, front 44.5 in. (1130 mm)
- Wheel track, rear 44.5 in. (1130 mm)
- Overall length 126-5/8 in. (3217 mm)
- Overall width 53.0 in. (1350 mm)
- Height of platform 28.0 in. (720 mm)
- Height over steering wheel (laden) 51.0 in. (1300 mm)
- Weight (ready for the road) 1500 lbs. (680 kg)
- Payload up to 1133 lbs. (515 kg)
- Max. permissible total weight 2645 lbs. (1200 kg)
- Ground clearance under differential (laden) 9.5 in. (240 mm)
- Forging depth 20.0 in. (508 mm)
- Loading area behind the front seats:
 - Length 72.5 in. (1840 mm)
 - Width 50.0 in. (1275 mm)
 - Area 21 sq. ft. (1.96 sq. m.)

FUEL CONSUMPTION

- Average fuel consumption 30-33 mpg
- Off-the-road consumption about 7 pints per hour.
- Tank capacity 11 Imp gallons (50 litres).

PERFORMANCE FIGURES (with max. permissible weight)

- Slowest speed: 2 mph
- Top speed: Max. gov. speed 47 mph
- Max. hill-climbing ability on dry ground with good traction properties: more than 67% in 1st gear.

The right is reserved to modify details of design and construction!



FORDING DEPTH
20 IN.



DIRECTIONAL STABILITY
45°



HILL-CLIMBING
ABILITY 67%



CROSS-COUNTRY MOBILITY
45° APPROACH



REAR ANGLE OF SLOPE
40°



GROUND CLEARANCE
12 IN.

PORCIE CAR AUSTRALIA
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