

## Steyr Puch Haflinger Specifications

<u>Dimension/Performance</u>	<u>700</u>	<u>703</u>
Wheelbase (mm)	1500	1800
Wheeltrack front/rear (mm)	1130/1130	1130/1130
Ground Clearance-laden (mm)	235	235
Length-incl. bumpers (mm)	2985	3217
Width (mm)	1350	1350
Height of platform-laden (mm)	700	700
Height to top of steering wheel laden (mm)	1300	1300
Height (w/ canvas cab)-unladen (mm)	1740	1740
Vehicle Wt. (Curb weight) (kg)	635	680
Load Area length/width (mm)	1540 / 1275	1840/1275
Payload (off road) (kg)	515	515
Turning Circle (m)	6.5	8.7
Fording Depth (mm)	400	400
Front Departure angle	45 degrees	45 degrees
Rear Departure angle	45 degrees	45 degrees
Towing Cap., road/off-road (kg)	350	350
Max Speed (kmh)	75	75
Min Speed (kmh)	2.5	2.5
Climbing Ability	65%	65%
Fuel Consumption (ave. on road, mpg)	31.6	31.6
Fuel Tank Capacity (l)		

### Engine

The motor used in all 700 - 703 Haflingers is an air-cooled, horizontally opposed, two cylinder, four stroke, petrol unit.

Cubic CC	643
Bore (mm)	80
Stroke (mm)	64
Power (Din HP)	22 at 4500 rpm 24 at 4500 rpm 25 at 4800 rpm 27 at 4800 rpm
Torque (mkp)	4.0 at 2500 rpm 4.2 at 4500 rpm 4.5 at 3500 rpm
Compression Ratio	1 : 6.7 1 : 7.0 1 : 7.8 1 : 8.0
Carburetor	Zenith special cross-country, dual down-draught 32NDIX Earlier models: Weber 32 ICS
Camshaft Drive	From crankshaft via helical gear
Valve Arrangement	Overhead, operated by push rod and rocker arm
Lubrication	Forced feed type lubrication
Oil Cooler	Ribbed radiator
Oil Filter	Full flow micro filter
Fuel Supply	Mechanical fuel pump
Voltage	12 V
Electrical Equipment	12V/42AH
Dyna-Starter	12V 240W

### Drivetrain

Clutch	Fichtel and Sachs single-plate dry clutch, mechanically operated.
Gearbox	Fully synchronised 5-speed unit with central gear lever
Gearbox Ratios	First: 6.83 Second: 3.73 Third: 1.84 Fourth: 1.12 Fifth: 0.71 Reverse: 3.55
Transmission Ratios	First: 63.7 Second: 34.8 Third: 17.2 Fourth: 10.4 Fifth: 6.6 Reverse: 33.1
Axle Drive	The axle drive is by way of the bevel gear differential, to the pairs of spur gears in the wheel hubs. Each differential incorporates a mechanically operated differential lock, which can be operated independantly and whilst in motion
Spur Gear Ratio	2.21 (14:31)
Front Axle	Completely enclosed/sealed parallel joints.
Chassis	Torsion resistant central tube chassis with swing axles (independant wheel suspension) incorporating the axle drives
Front suspension	Coil springs
Rear Suspension	Coil springs
Steering	ZF-Gemmer type steering assembly arranged as duplicated steering with divided track rods. (3 turns lock to lock)
Brakes	Drum Brakes., single circuit system
Drum Diameter (mm and inches)	Front: 215 / 8.464 Rear: 215 / 8.464
Total braking area (cm <sup>2</sup> and inches)	658 / 101.99
Hand brake	Mechanical, operating upon rear wheels only.
Wheel type	Disc type with asymmetrical deep rims
Wheel size (inches)	3.50 X 12
Tires	145 x 12 165 x 12