

VOLVO

122 S



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The Volvo 122 S is a smart car with outstanding performance. The new, powerful engine, the comfort of the interior appointments and the comprehensive standard equipment make motoring a stimulating experience. The Volvo 122 S is very easy to drive and has outstanding roadability. It is an ideal car for those requiring a smart and representative vehicle in which they can drive long distances with the minimum of strain.

Volvo cars are renowned all over the world for their high quality. Their high second-hand value depends on the unvarying precision used by Volvo in the design, selection of material, manufacture and inspection.

The Volvo 122 S with its durable, economical engine, its modern design and high quality is a car its owner can be truly proud of as well as being a car that always attracts great attention.



Engine 90 h.p., SAE

Four-cylinder, side valve overhead valves and crankshaft carried in five bearings.

Bore	3.31"
Stroke	3.15"
Capacity	1.78 liters
Compression ratio	8.5:1
Max. output	90 h.p. (SAE) at 3000 r.p.m.
Max. torque	105 ft. lb. (SAE) at 1500 r.p.m.
Carburetors	Two 32 horizontal carburetors

Full flow oil filter

Cooling system

Effective radiator, thermostat-regulated water circulation with bypass valve.

Battery

Voltage	12 V
Capacity	42 amp. hours

Generator

Equipped with automatic voltage control.

Capacity Max. 30 A.

Starter motor

Output 1 h.p.
The starter is built into the ignition switch which also has an alarm position where all the electrical equipment can be used while the engine is not running.

The ignition switch and the ignition coil are connected by means of a contact-proof armored cable.

Clutch

Hydraulically operated 8 1/2" single dry plate clutch.

Transmission

Fully synchronized and gear ranging.

Ratio	1st speed 3.5:1	2nd speed 2.2:1
	3rd speed 1.7:1	4th speed 1.3:1
	5th speed 1.1:1	Reverse 3.2:1

Propeller shaft

Divided for vibration-free operation. The center bearing is mounted in sound and vibration-dampening rubber blocks. The center bearing ball bearing requires no lubrication.

Rear axle

Hoprod type
Ratio 8.7:1

Steering gear

Cam and roller type
Steering box ratio 15.5:1
Left hand — right lock 3 1/2 turns of steering wheel

Turning circle

Approx. 31 ft.

Suspension, front

Independent suspension with coil springs and control arms carried in rubber bushings and ball joints. Teakbrakes.

Suspension, rear

Fixed longitudinal support arms and torque rods. Track bar. Coil springs.

Shock absorbers

Double-acting, hydraulic telescopic shock absorbers front and rear.

Footbrakes

Front: Hydraulic disc brake of the three-cylinder type. Splash-protected and self-lubricating.

Disc	10 1/2" x 1 1/2"
Brake friction area on each rear wheel	14 1/2 sq. in.

Rear

Wiper drum brakes. Hydraulic and self-lubricating. Brakes friction area on each rear wheel 72 1/2 sq. in.

Handbrake

Operates separately on rear wheels. Handbrake lever located beside driving seat.

Wheels and tires

Pneumatic wheels. All wheels balanced. Tubeless 5.00-15" tires.

Body

Integral construction, all-welded steel body. Fully roof-rafted by modern methods.

Fuel tank

Located at rear.
Capacity 12 U.S. galls.

Lighting equipment

Flasher direction indicators front and rear with manual and automatic warning signals. Combined stop and tail light. The inner lighting goes on when either of the front doors is opened. Instruments lighting is thermostat-controlled. Day-running lamp.

Instrumentation

Combined instrument with speedometer, fuel gauge and water temperature gauge. Mileometer and trip meter.

Warning lamps for charging oil pressure, full headlights, direction indicators.

Other equipment

Horn ring on steering wheel.
Rear window wiper.
Defroster capacitor lever with automatic return.
Heater and ventilation equipment.
Thermostat-controlled heater. Low-speed fan with two speeds.
Electric windshield wipers with two speeds and automatic return.
Wipers for windshield wiper.
Double padded sun visors.
Double-line rear view mirror.
Seats available for fitting of radio and loudspeakers.
Package on front doors.
Cigarette lighter.
Ashtrays front and rear.
Tool kit and jack.
Lock wheel.

Safety belt attachments

Safety belt attachments for front and rear seat belts.

Main dimensions and weights

Wheelbase	102 1/2"
Track, front	51 1/2"
Track, rear	51 1/2"
Overall length	175"
Overall width	63 1/2"
Overall height, unloaded	59 1/2"
Curb weight	2400 lb.

The factory reserves the right to modify prices, design and equipment.

AB VOLVO · GÖTEBORG · SWEDEN



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