

JAWWA TRAIN



90

JAWA 90 TRAIL CLIMBING ENTHUSIAST AMONG MOTORCYCLES

Jawa 90 Trail has become the pride of its owners who endowed it with the latest technical improvements and applied to it all their experience gained in riding the most successful trial motorcycle in the world! Construction of the Jawa 90 Trail motorcycle and its five-speed gearbox allow its owner to discover beautiful vistas in wild, mountainous landscape and to reach such scenic spots without nervous strain and physical fatigue.

JAWA 90 TRAIL A SAFE MOTORCYCLE!

To meet the dangers of the driver and his safety lurking in rockstrewn, uneven ground and steep gradients, the JAWA 90 Trail motorcycle has been equipped with efficient accessories, such as:

- fully enclosed chain, protected by flexible rubber chain guards,
- upswept exhaust tube provided with a protecting shield,
- handlebar reinforced by a cross-bar and increased in height,
- wheel suspension units with hydraulic shock absorbers.

JAWA 90 TRAIL PRESENTS ITS POWER AND STRENGTH

Engine:

Air-cooled two-stroke engine of exceptional flexibility and reliability. Cylinder volume: 88,6 cc, Compression ratio: 1 : 9, Performance: 10,5 h. p. (SAE) at 6,500 r. p. m.

Transmission:

Foot-pedal operated 5-speed gearbox ensures transmission of full engine power to the rear wheel.

Weight:

Dry weight 78 kgs, useful load 160 kgs.

Wheels:

Easily removable and interchangeable with spoke wheels.

Top speed:

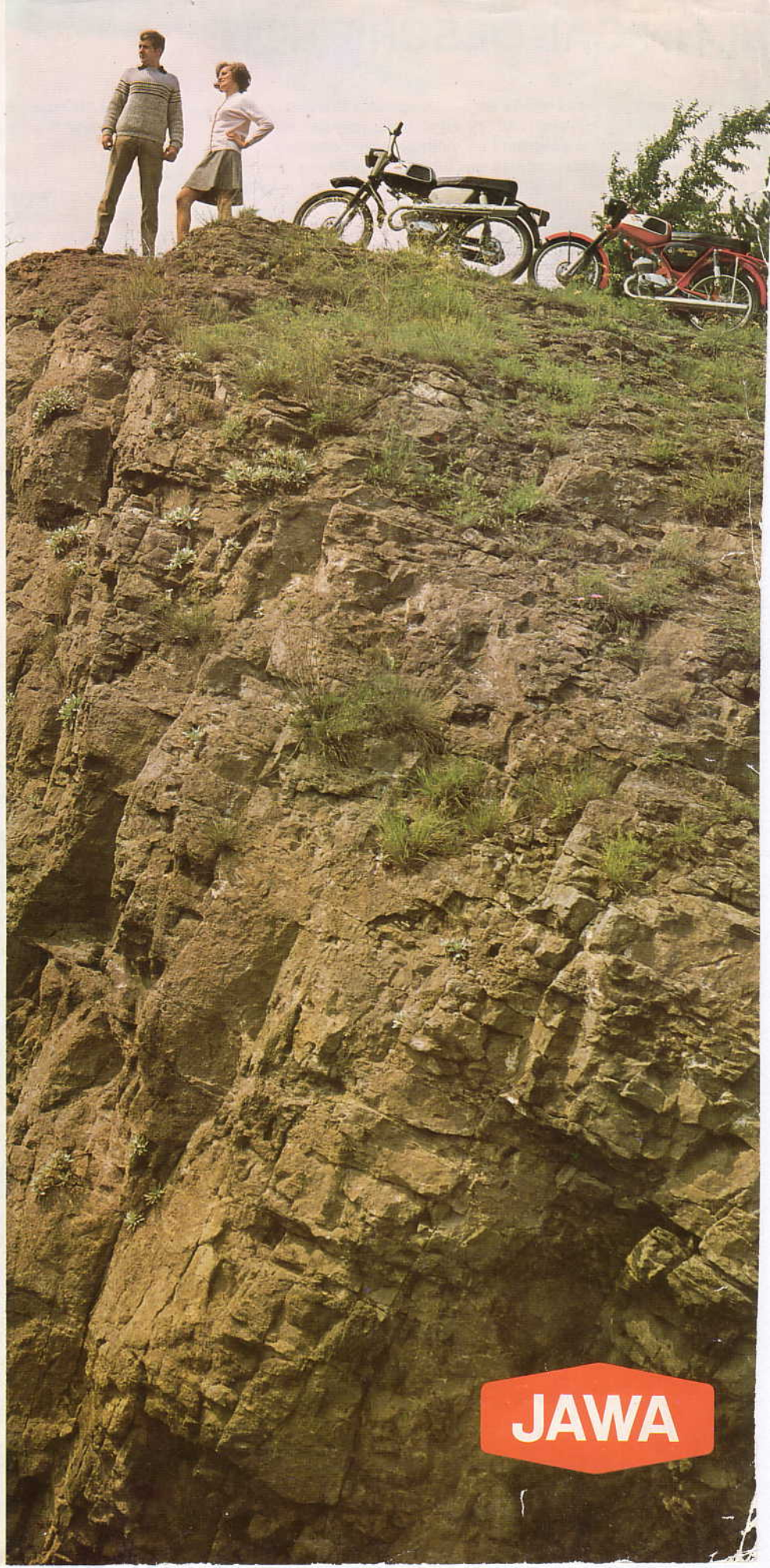
100 km. p. h.

It makes its way rapidly through the densest city traffic, but can also hold its own in the most difficult cross-country terrain.



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TECHNICAL DESCRIPTION:

Engine:
Single-cylinder air-cooled two-stroke engine equipped with a rotary reed-valve. Light-alloy cylinder and cylinder head, special cast-iron cylinder liner. Crankshaft is supported on roller bearings, crankpin on needle cage bearing. Cylinder bore 48 mm, piston stroke 49 mm, cylinder capacity 88.6 ccm. Downdraught carburettor. 20 mm diameter Venturi tube. A microfilter which can be easily replaced and which perfectly protects the engine against penetration of even the tiniest specks of dust, is fitted in the intake silencer. 6-volt magneto ignition. Primary transmission by gear wheels, four-plate clutch, the plates are made from nonflammable materials — in oil bath.

Transmission:
Foot-operated five-speed gearbox integral with the engine. Secondary transmission to the rear wheel by a fully enclosed chain protected by flexible rubber chain guards.

Electrical Equipment:
Power source, feeding both the ignition system and all other consumers, is an A. C. generator of 12 volts, 65 watts. The electrical equipment includes: headlight equipped with a 12 volt, 25 watt doublefilament bulb, rear cluster lamp with 12 volt, 5 watt, and 12 volt, 15 watt bulbs.

Frame:
Single-tube backbone frame. The main beam and other parts of the frame are made from high-grade seamless steel tubes of circular section.

Suspension:
Front — a long stroke telescopic fork with hydraulic damping. Rear — swinging fork supported on rubber-to-metal bonded blocks and suspended on two telescopic suspension units, containing a hydraulic damping system.

Wheels:
Steel-rimmed wire spoke wheels with 2,75 x 18" tyres. Both wheels can be easily removed and interchanged.

Brakes:
Full-hub mechanical brakes of 125 mm brake drum diameter. Brake lining width 25 mm.

Other equipment:
Steel-sheet fuel tank of 10.5 litre volume, supported on rubber blocks. Comfortable dual seat with foam latex rubber insert can be secured by a lock. Tool and tyre pump are stowed in a locker under the saddle. Steel sports mudguards. Luggage carrier.

Optional Equipment:
Storage battery, flashing direction indicators.



Right to make Technical and Design Changes is Reserved!

MOTOKOV
PRAHA — CZECHOSLOVAKIA