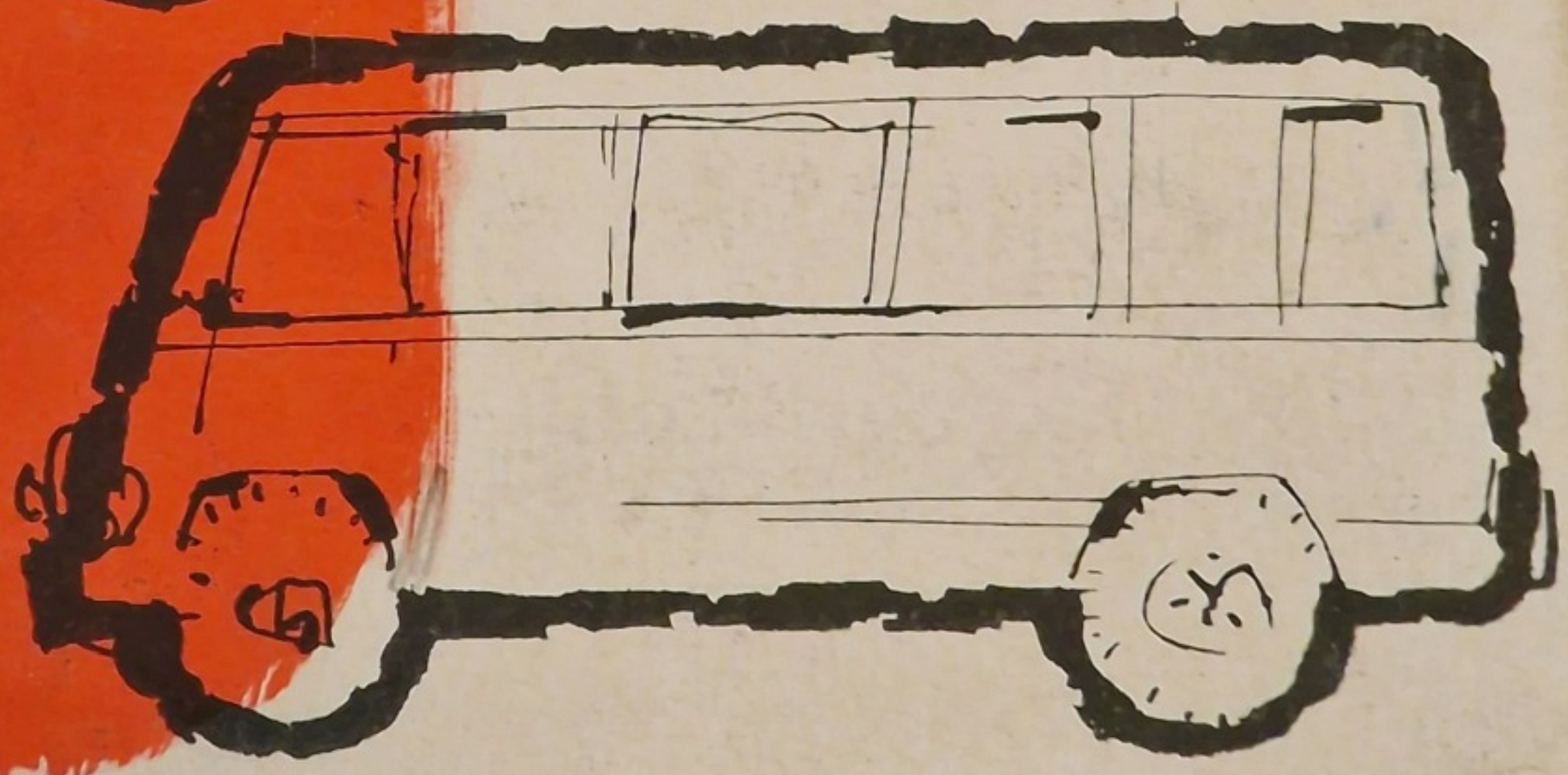




POLISH
MOTOR
VEHICLES



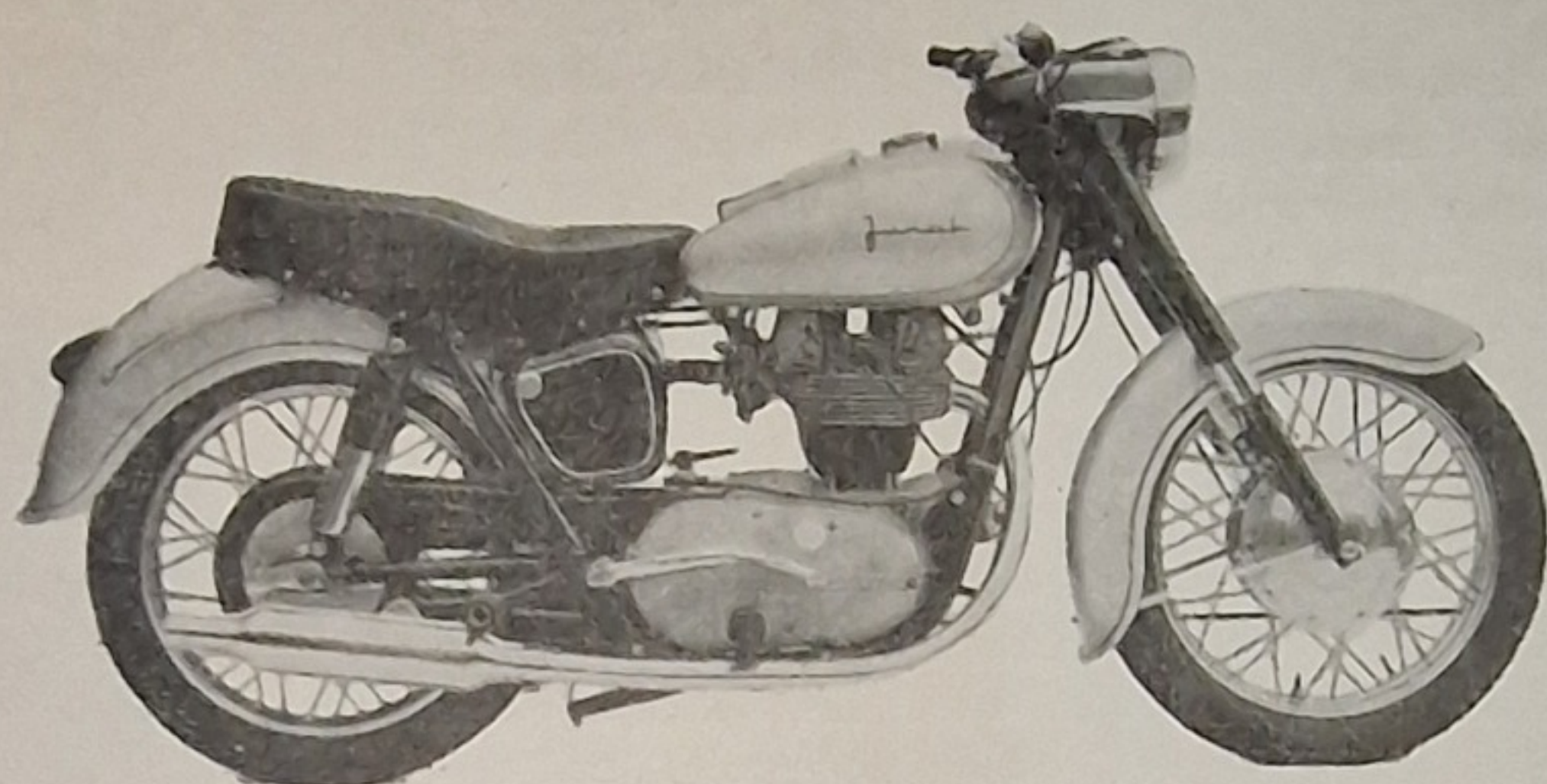
LES



MOTORCYCLES
SCOOTERS
THREEWHEELERS



SFM JUNAK M10 350 c.c. MOTOR CYCLE



MAKERS: Szczecińska Fabryka Motocykli,
Szczecin

The JUNAK M10 is a long-range tourist machine, practically insensitive to riding with a passenger even under tough cross-country conditions. It permits riding for long periods with high average speed.

Sturdy chassis and very efficient engine guarantee high mileage between overhauls. It can also be run with one-seater sidecar—model WB1.

SPECIFICATION

Engine: type S03; cubic capacity 349 c. c.; single-cylinder; four-stroke; valve arrangement o. h. v.; cooled by air; bore 75 mm; stroke 79 mm; compression ratio 7.0:1; maximum power output 19 h. p. (SAE) at 6000 rev/min; cast-iron cylinder barrel; light alloy cylinder head; light alloy piston, with two compression and one scraper rings; built-up crankshaft supported in three roller bearings; dry sump lubrication with gear oil-pump; oil filter in oil-tank; carburetter GM26U1 with 26 mm bore; air cleaner with wetted filter element.



Electrical equipment: 6-volt electrical system; direct ignition from magneto; automatic advance and retard ignition unit; sparking plug BOSCH W175T1 or W175RT1; 6-volt, 14 amp.hr. battery; 45-watt D. C. dynamo.

Transmission: wet-type, multi-plate clutch; four-speed gearbox, with constant-mesh gears, built in unit with engine; positive-stop foot gear control on the left-hand side of engine; gear ratios: first — 3.04:1, second — 1.97:1, third — 1.296:1, fourth — 1.00:1; primary chain 3/8" in oil-bath, 2.435:1 ratio; rear chain 5/8" (102 rollers), fully guarded, 2.53:1 ratio; gearbox lubrication by engine oil.

Frame: all-welded duplex tubular cradle, with provision for sidecar attachment; front suspension — telescopic fork, with coil springs and oil damping (150 mm movement); swinging arm rear suspension — telescopic suspension units, coil springs and oil damping (90 mm movement); supple foam-rubber double-seat.

Brakes: mechanical, expander-shoe type, acting on both wheels; manually operated front brake, foot operated — rear.

Wheels: wire type, incorporating full width light alloy hubs; tyres 3.50—19.

Capacities: fuel tank 17.0 l; oil tank 2.5 l; gearbox 0.5 l; clutch casing 0.5 l.

Dimensions: wheelbase 1417 mm; overall length 2172 mm; overall width 740 mm; overall height 1095 mm; seat height (unladen) 755 mm; ground clearance 170 mm.

Weights: kerb weight 170 kg; total permissible weight 400 kg; maximum load 200 kg.

Performance data: maximum speed — 125 km/h; average fuel consumption 3.5 l/100 km.

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SFM JUNAK M07-C SCRAMBLE-TYPE MOTOR CYCLE



MAKERS: Szczecińska Fabryka Motocykli,
Szczecin

The JUNAK M07-C scrambler is especially adapted for cross-country sports events. Suitable engine power, well chosen gear-ratios and low overall weight make it competitive with every of the best known makes. The model has been provided with, among others, a strengthened handlebar, light seat, foot rests and special air cleaner. In addition the machine has a straight-through exhaust pipe without silencer, and special lubrication of rear chain.

SPECIFICATION

Engine: type S03; cubic capacity 349 c. c.; single-cylinder; four-stroke; valve arrangement o. h. v.; cooled by air; bore 75 mm; stroke 79 mm; compression ratio 7.5:1; maximum power output 22 h. p. (SAE) at 7000 rev/min; cast-iron cylinder barrel; light alloy piston, with two compression and one scraper rings; built-up crankshaft supported in three roller bearings; big-end of the connecting rod supported in double-row roller bearing; inlet and exhaust valve clearances (hot) 0.2 mm; dry sump lubrication with gear oil-pump; oil filter in oil-tank; air cleaner with special wetted filter element.



Electrical equipment: direct ignition from magneto; automatic advance and retard ignition unit; sparking plug BOSCH W225T1.

Transmission: wet type, multi-plate clutch, with cork inserts; primary chain 3/8", in oil bath; four-speed gearbox, with constant-mesh gears, built in unit with engine; positive-stop foot gear-change control; gear ratios: first — 3.04:1; second — 1.97:1; third — 1.296:1; fourth — 1.00:1; rear chain 5/8", fully guarded and specially lubricated; on request final ratios — from 7.79:1 to 5.84:1.

Frame: all-welded, duplex tubular cradle; front suspension — telescopic fork, with coil springs and oil damping; swinging arm rear suspension — telescopic suspension units, coil springs and oil damping.

Brakes: mechanical, expander-shoe type, acting on both wheels; manually operated front brake, foot operated — rear.

Wheels: wire type, incorporating full width light alloy hubs; identical for front and rear wheels; scrambles tyres: front — 3.00—21, rear — 4.00—19.

Dimensions: wheelbase 1416 mm; overall length 2140 mm; overall width 810 mm; overall height (unladen) 1120 mm; ground clearance 180 mm.

Weights: dry weight 152 kg.

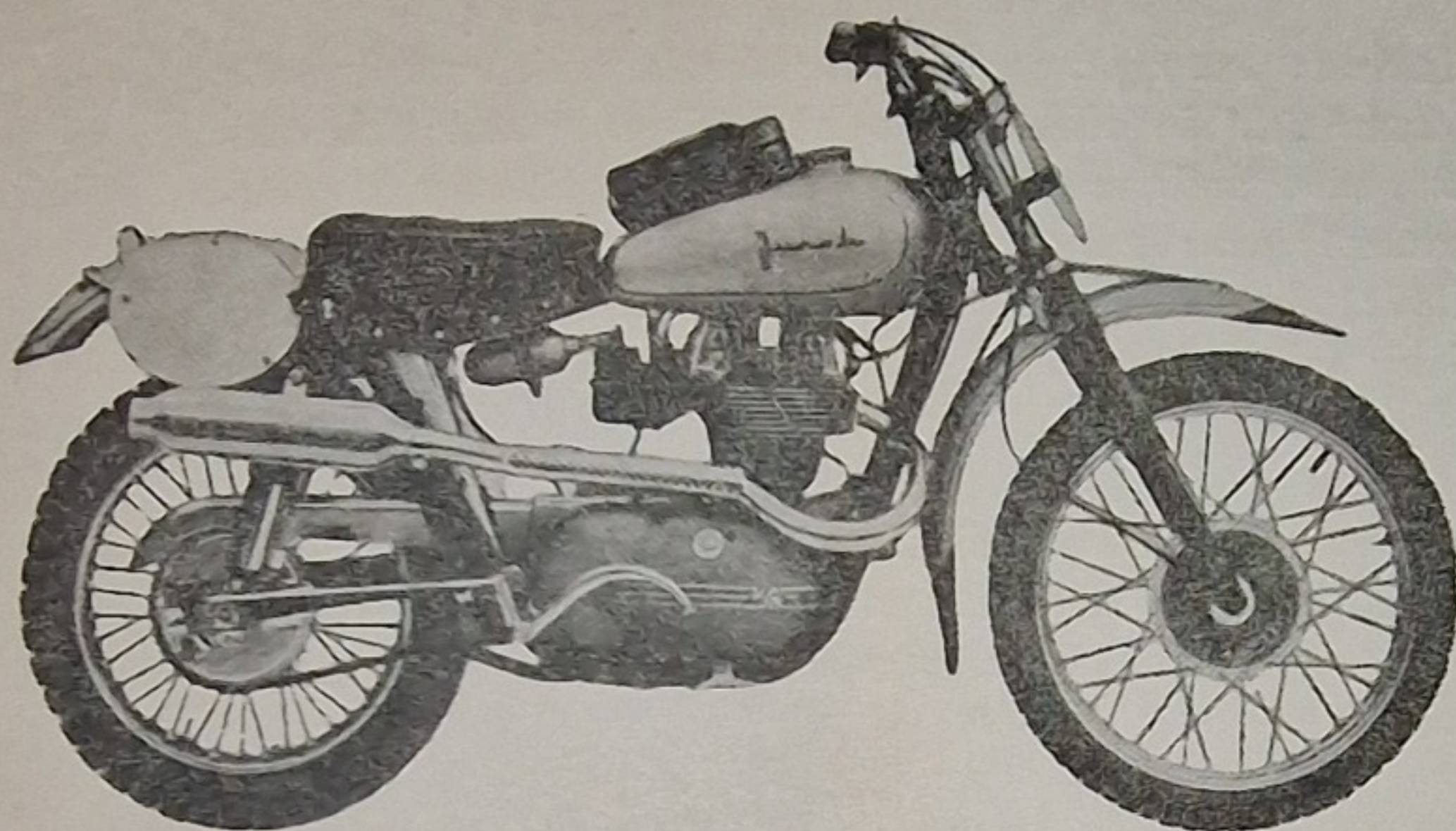
Performance data: fuel consumption 3.5 l/100 km.

Special equipment: strengthened handle-bar; special light single-seat; non-slipping footrests; straight-through exhaust pipe without silencer; lighter mud-guards with greater clearance; three starting number plates for sports events.



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Telegrams: MOTORIM Warszawa

SFM JUNAK M07-R TRIALS MOTOR CYCLE



MAKERS: Szczecińska Fabryka Motocykli,
Szczecin

The motor cycle JUNAK M07-R is adapted to be run in sports events over hardest road and cross-country circuits. Suitable power of the engine and good tuning of all units ensure good performance even under most trying conditions. The machine is provided, among others, with a strengthened handlebar, upper engine exhaust system, front and rear mudguards with high clearance and tool box mounted over the fuel tank.

SPECIFICATION

Engine: type S03; cubic capacity 349 c. c.; single-cylinder; four-stroke; valve arrangement o. h. v.; cooled by air; bore 75 mm; stroke 79 mm; compression ratio 7.0:1; maximum power output 18 h. p. (SAE) at 6000 rev/min; cast-iron cylinder barrel; light alloy cylinder head; light alloy piston, with two compression and one scraper rings; built-up crankshaft supported in three roller bearings; big-end of the connecting rod supported in double-row roller bearing; inlet and exhaust valve clearance (hot) 0.2 mm; dry sump lubrication, with gear oil-pump; oil filter in oil tank; air cleaner with special wetted filter element.



Electrical equipment: direct ignition from magneto; automatic advance and retard ignition unit; sparking plug BOSCH W225T1; spark gap 0.5 mm.

Transmission: wet type, multi-plate clutch, with cork inserts; primary chain 3/8" in oil-bath; four-speed gearbox, with constant-mesh gears, built in unit with engine; positive-stop gear-change control; gear ratios: first — 3.64:1, second — 2.34:1, third — 1.42:1, fourth — 1.00:1; rear chain 5/8", fully guarded and specially lubricated; final ratios 6.45:1 or 6.87:1, as requested.

Frame: all-welded, duplex tubular cradle; front suspension — telescopic fork, with coil springs and oil damping; swinging arm rear suspension — telescopic suspension units, coil springs and oil damping.

Brakes: mechanical, expander-shoe type, acting on both wheels; manually operated front brake, foot operated — rear.

Wheels: wire type, incorporating full width light alloy hubs, identical for front and rear wheels; tyres: front — 3.00—21, rear — 4.00—19.

Dimensions: wheelbase 1416 mm; overall length 2140 mm; overall width 810 mm; overall height (unladen) 1120 mm; ground clearance 180 mm.

Weight: dry weight 158 kg.

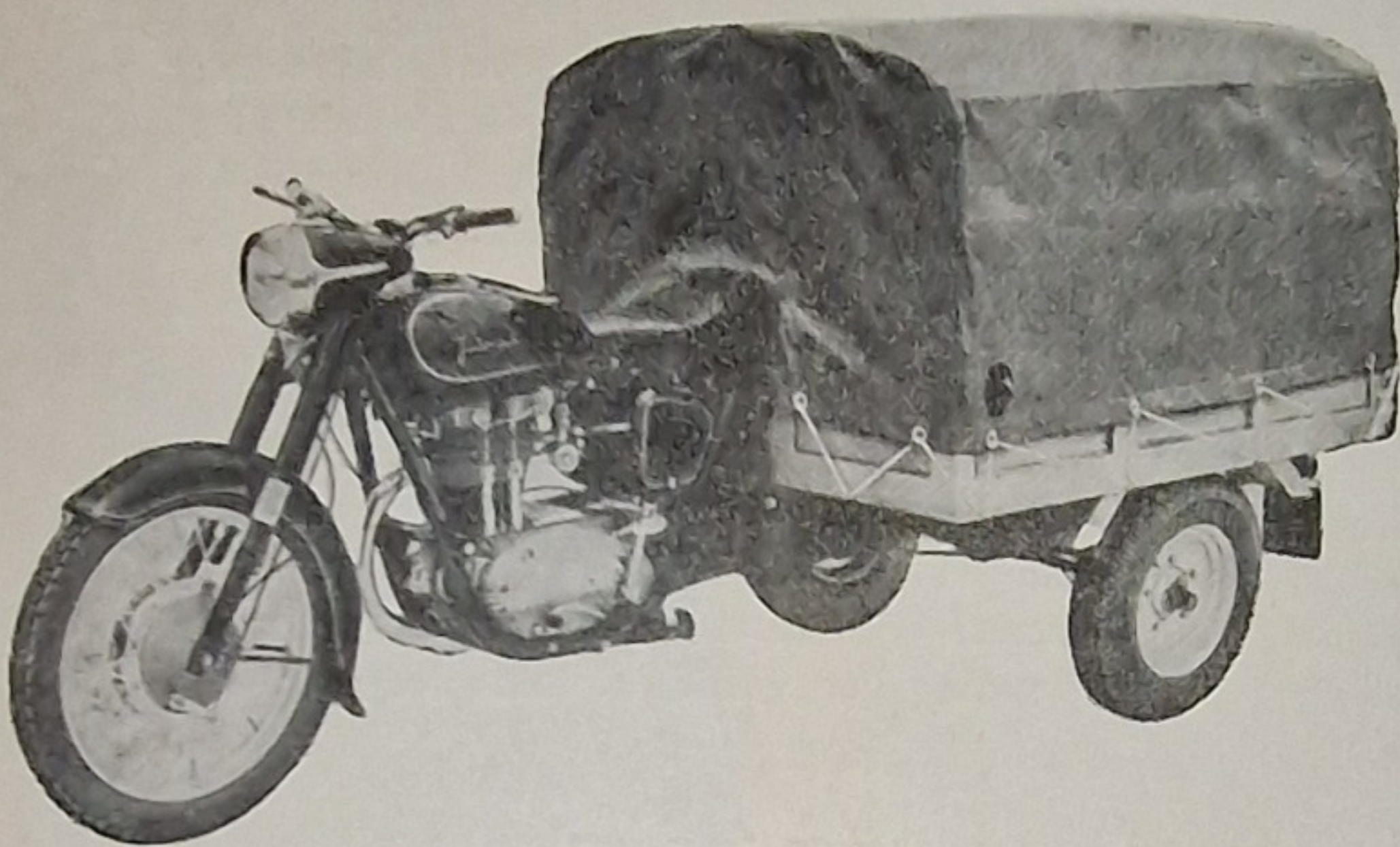
Performance data: fuel consumption 3.5 l/100 km.

Special equipment: strengthened handlebar; upper exhaust system; front and rear mudguards with greater clearance; tool box mounted over the fuel tank; compressed air bottle for tyre inflating; spare clutch and throttle control cables; three starting plates for sports events; on request — electrical lighting equipment.



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SFM JUNAK B20 DELIVERY THREE-WHEELER



**MAKERS: Szczecińska Fabryka Motocykli,
Szczecin**

The three-wheeler JUNAK B20 is designed to carry miscellaneous cargo up to 300 kg.

Fairly large dimensions of the loading box allow for loads of substantial capacity. Thanks to its speed, manoeuvrability, simplicity of handling and low running costs B20 is particularly suitable to service retail trade.

It is provided with one steered front wheel and two driven rear wheels.

SPECIFICATION

Engine: type S03; cubic capacity 349 c. c.; single-cylinder; four-stroke; o. h. v.; cooled by air; bore 75 mm; stroke 79 mm; compression ratio 7.0:1; maximum power output 19 h. p. (SAE) at 6000 rev/min; maximum torque 2.8 kgm (SAE) at 3800 rev/min, cast-iron cylinder barrel; light alloy cylinder head; light alloy piston, with two compression and one scraper rings; built-up crankshaft supported in three roller bearings; big-end of the connecting rod supported in double-row roller bearing; inlet and exhaust valve clearances (hot) 0.2 mm; dry sump lubrication



with gear oil-pump; oil filter in oil tank; carburetter GM26V1 air cleaner with wetted filter element.

Electrical equipment: 6-volt electrical system.

Transmission: wet-type, multi-plate clutch with cork inserts; four-speed gearbox, with constant-mesh gears built in unit with engine; positive-stop foot gear-change control; gear ratios: first — 3.04:1, second — 1.97:1, third — 1.296:1, fourth — 1.00:1; primary chain 3/8" in oil-bath, 2.435:1 ratio; rear chain (to the rear axle) 5/8"; gearbox lubrication by engine oil.

Frame and body: all-welded duplex tubular cradle, and under the loading box — welded pressed-channel sections; front suspension — telescopic fork, with coil springs and oil damping; rear suspension — transversal wishbones and leaf springs; at the rear — all-steel welded loading box, with provision for a canvas tarpaulin.

Brakes: mechanical, expander-shoe type, acting on all (three) wheels; manually operated front brake, foot operated — rear.

Wheels: one front wheel — wire type, tyre — 3.50—19, tyre pressure — 1.4 atm; two rear wheels — pressed steel discs, tyres — 5.20—12.

Capacities: fuel tank 17.0 l; oil tank 2.5 l; gearbox 0.5 l; clutch casing 0.5 l.

Dimensions: wheelbase 2010 mm; track (rear) 1100 mm; overall length 3055 mm; overall width 1420 mm; overall height (unladen) 1550 mm; inner space of loading box; length 1350 mm; width 1026 mm, height of sideboards 302 mm, loading area 1.38 sq. m.

Weights: kerb weight 285 kg; maximum payload 300 kg.

Performance data: maximum speed with full load 80 km/h; average fuel consumption 5.5 l/100 km.



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