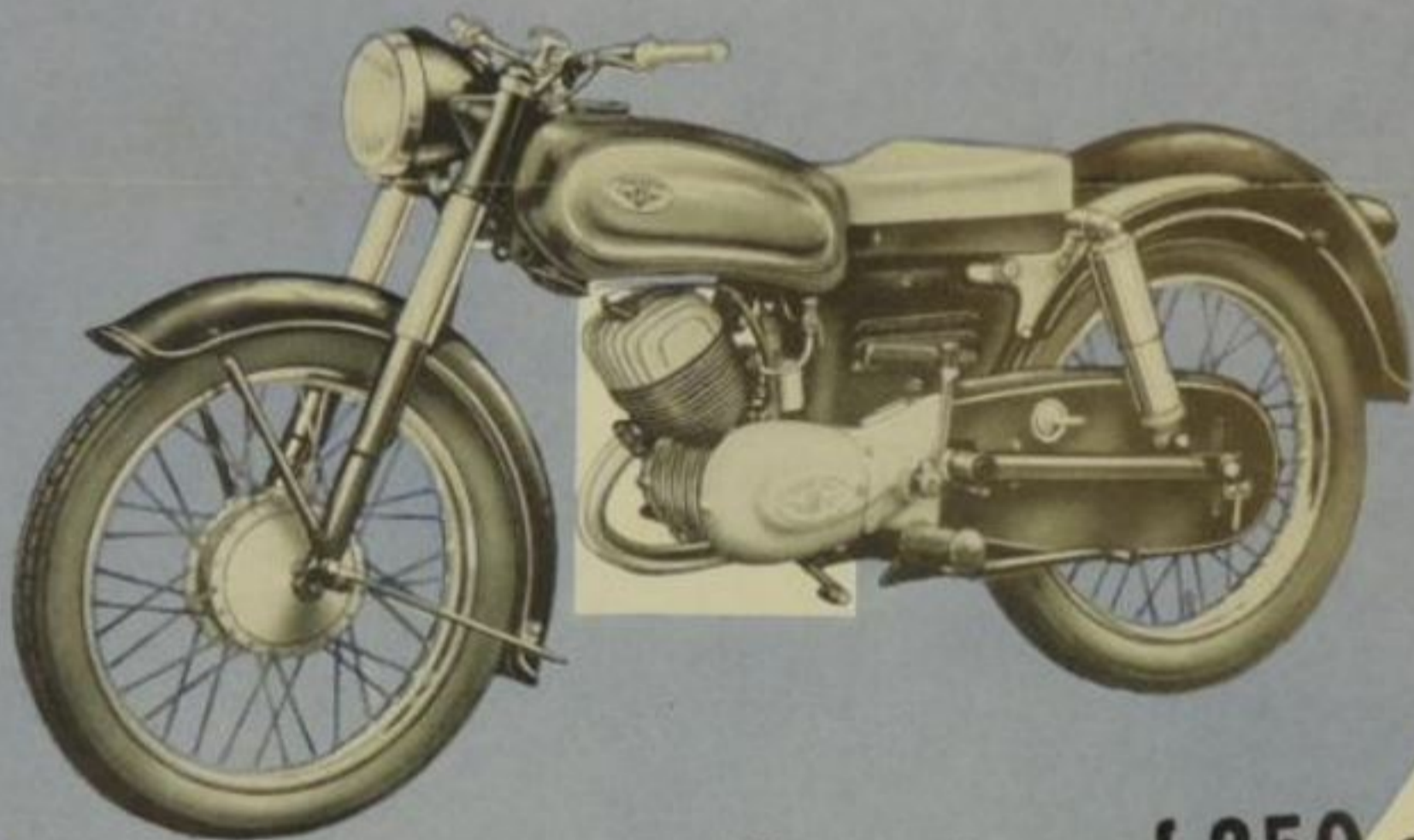


# ZÜNDAPP

## *Elastic 250*



**With the more powerful engine of 250 cc.**

There is nothing comparable with the roadholding of this model — submitting you new feelings of speed caused by noiseless and extremely smooth running of the engine as well as by the surprising effect of the brakes, evermore the magnificent beam of the headlight and the extraordinarily comfortable saddle. You just mean to ride for pleasure and yet you have reached an average of speed which was up to now believed to be impossible in this category.

Top security and riding-culture are the results of the elaborate working-manner of this machine.

PROVIDENCE CYCLE CO.

314 BROAD STREET

PROVIDENCE, RHODE ISLAND

GA. 1-2537



## TECHNICAL DETAILS

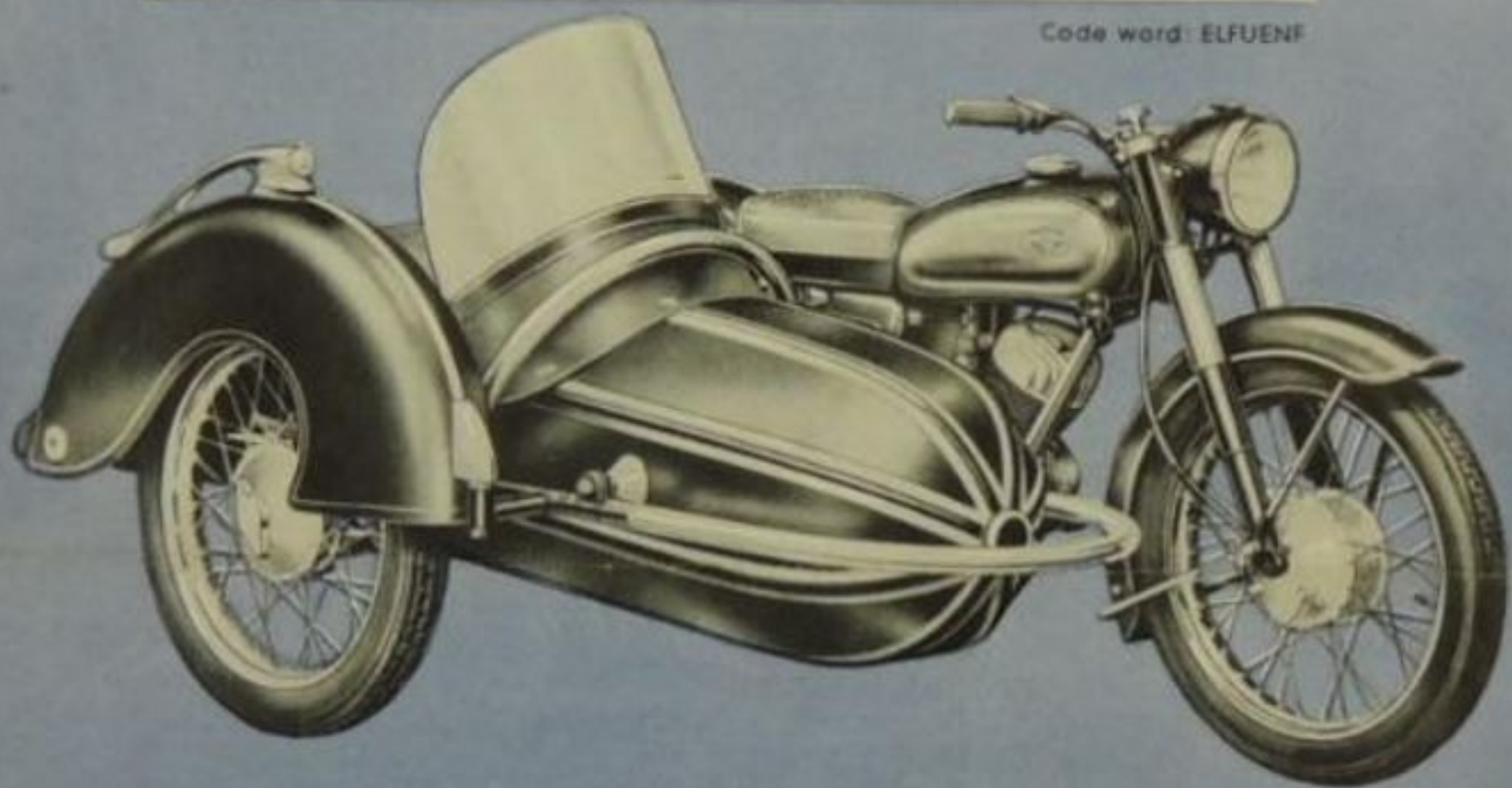
**Engine:** ZUNDAPP two-stroke block-type engine, bore 67mm (2.64"), stroke 70 mm (2.70"), capacity 246 cc. (15 cu in.), compression ratio 1:6.7; 14 HP at 5200 r.p.m., two-slide carburettor with oblique jet with especially effective dampening of suction noise and with separate air control. Mixture type lubrication, maximum speed 100 km/h = 63 mph when driver sitting, 120 km/h = 75 mph when driver lying.

**Gearing and Transmission:** Zundapp four-speed gear box (selector fraction shaft with cams) with foot gear change, gear box with engine in one block. Transmission ratios: 1:3.14—1.964—1.405—1.00. Reduction ratio from engine to gear box 1:1.78. Reduction ratio from gear box to rear wheel 1:3.44. Multiple disc clutch in oil bath, transmission chain to rear wheel.

**Carriage, measures etc.:** Central tube frame, telescopic fork of long stroke, broad-positioned rear wheel swinging arm permanently oil lubricated with adjustable oil dampened spring legs, total spring action 98 mm (3.9"); cylindrical hub brakes 160 mm (6.3")  $\phi$ , lining 30 mm (1.2"). Broad tubular center stand, handlebar and footrests adjustable, closed main case, rear wheel with knockout spindle, removable end of rear mudguard. Large foam rubber saddle with additional coil springs, to be turned up; silencer to be disassembled, long footbrake lever with adjustable stop, handy controls. Deep center rims 1.85-8 x 19 with steel wire balloon tyres; front wheel 3.00—19, rear wheel 3.25—19. Wheel base appr. 1,350 mm (53.2") — rear wheel adjustable —. Total length 2070 mm (81.5"), total width appr. 700 mm (27.6"), total height appr. 940 mm (37"), saddle height appr. 740 mm (29.1"), ground clearance appr. 160 mm (6.3"); admissible maximum load 156 kgs (344 lbs), total weight — in running order with filled tank 147 kgs (324.5 lbs), capacity of tank 14.7 ltrs. (3.9 US gall., 3.2 Imp. gall.)

**Equipment:** 50/90 Watt battery-lighting-ignition system, with 15/35 Watt Bilux lamp, brake and clutch Bowden cables adjustable at the levers, illuminated speedometer dial in headlamp, steering damper, springlegs adjustable according to load, surprisingly quiet suction and exhaust, separate air control, extremely ample chrome plating and many polished parts, best high polish enamel finish; ample set of tools and air pump dustproof enclosed in the saddle. Antihalt device. Varnish: black, red or light-green.

Code word: ELFUENF



The ZUNDAPP-ELASTIC, standing the roughest tests also when driven with sidecar, surprises you by the tremendous power of its engine, climbing capacity, excellent roadgripping and high security on winding roads.

We reserve the right to alter construction

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WERK NÜRNBERG