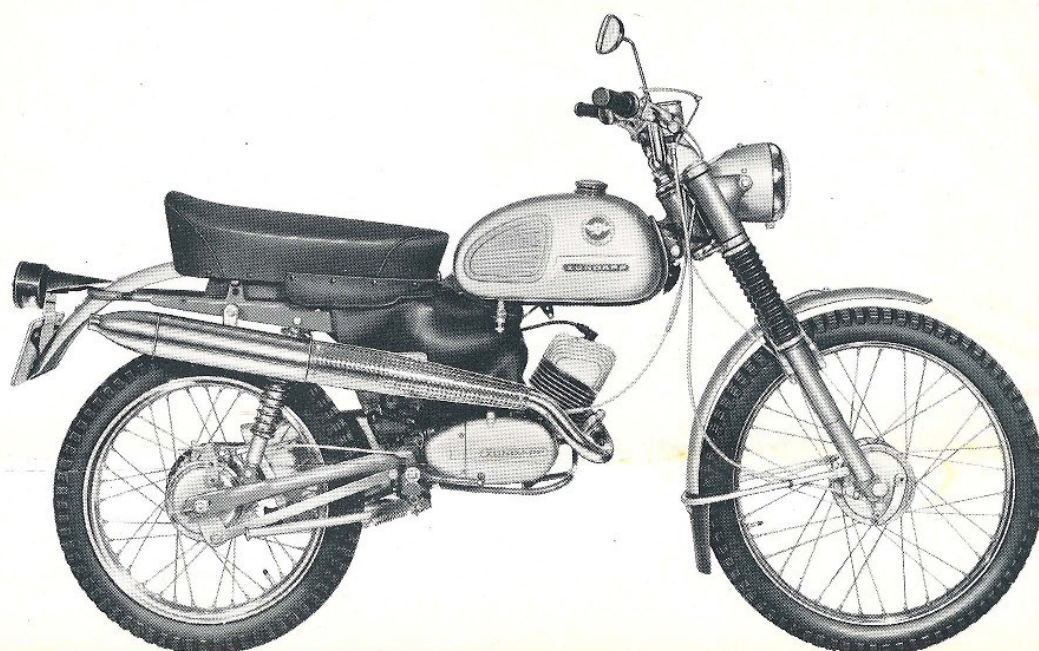


ZÜNDAPP



**ZÜNDAPP present
the latest USA-models**



ZUNDAPP

SIX DAYS SCRAMBLER

Dedicated to the sports fan whose heart is set on stiff sporting competition: a fast motorcycle with all the attributes of a powerful machine. This "Scrambler" represents the model which took part in the "International Six Days", with only slight modifications. The "Six Days Scrambler" in its sports equipment, fully meets the wishes of the sports rider.

This machine is notable for its tremendous acceleration capacity and great reserves of power resulting from strenuous trials in the mountains of the Bavarian, Austrian and Italian alps and other remarkable international competitions.

The robust two-stroke engine has been laid on flexibility, so that it responds spiritedly over a wide range of speeds and calls on an impetuous starting capacity in sporting events.

Front suspension by means of a long-stroke, progressively responding telescopic fork and rear suspension through "exposed", hydraulically cushioned and sensitively reacting shock-absorbing legs, carefully harmonized seat position and sports handlebars particularly cross-country use. The drive is effected via a well-designed stepped four-speed gear.

The special features of the "Scrambler" include the handlebar, fittings and front mudguard of sporting design.

ZUNDAPP

519-01 L0

Engine

cylinder capacity	100 cc
light-alloy cylinder	hard-chromed, broad-wall
bore/stroke	50/50 mm (1,97")
compression	1 : 9
power output	10.0 h. p. r
cycle	2-stroke
petroil mixture	25 : 1
clutch	multi-plate oilbath type
steel ball selector	4 speeds and neutral, pedal gear
gearbox	change, kickstarter

Electrical Equipment

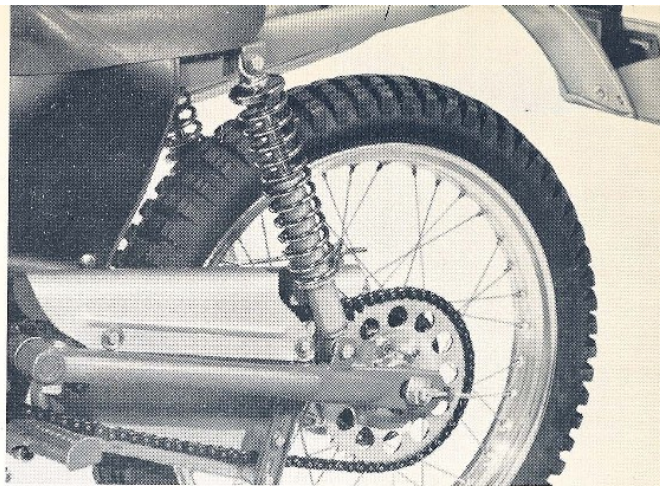
	flywheel mag-dynamo 6 V/53 W (30 + 5 + 18 W) and battery 6 V/2 Ah
headlamp	30/30 W, Bilux (dual-beam), with high beam indicator
rear light	5 W
brake light	18 W

Frame

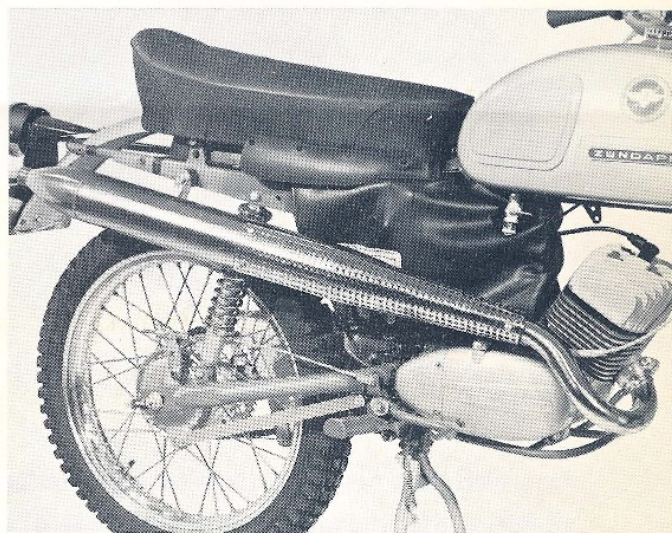
	robust central tube frame, well tried in rough cross-country competitions, front and rear suspension
color	monza-red
suspension	front: telescopic fork; hydraulically damped rear: spring unit, hydraulically damped with exposed shock-absorbers, front and rear full-hub internal expanding brakes 4 3/4" (120 mm) dia.
tires	front: 2,50 x 21"; rear 3,00 x 18" (Trial)
tank capacity	abt. 3 1/3 US gals. (12,5 liters), thereof abt. 1/2 US gal. (1,8 liters) reserve
net weight	approx. 192 lbs. (ca. 87 kg)
permissible all-up weight	550 lbs. (250 kg)
hill-climbing ability	over 50%, depending from sprocket
top speed	over 56 m. p. h. (90 km)

Standard Equipment:

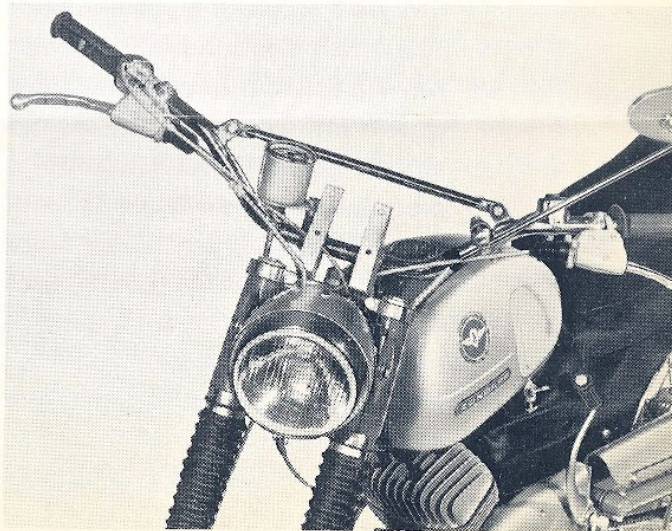
case-hardened crankshaft and steel
connecting rod, speedometer, knock-out
spindles front and rear, cross-country
handlebar, sports fittings, raised muffler,
underside engine protective guard



The fast chassis of the "Scrambler" is based on a full front and rear suspension.

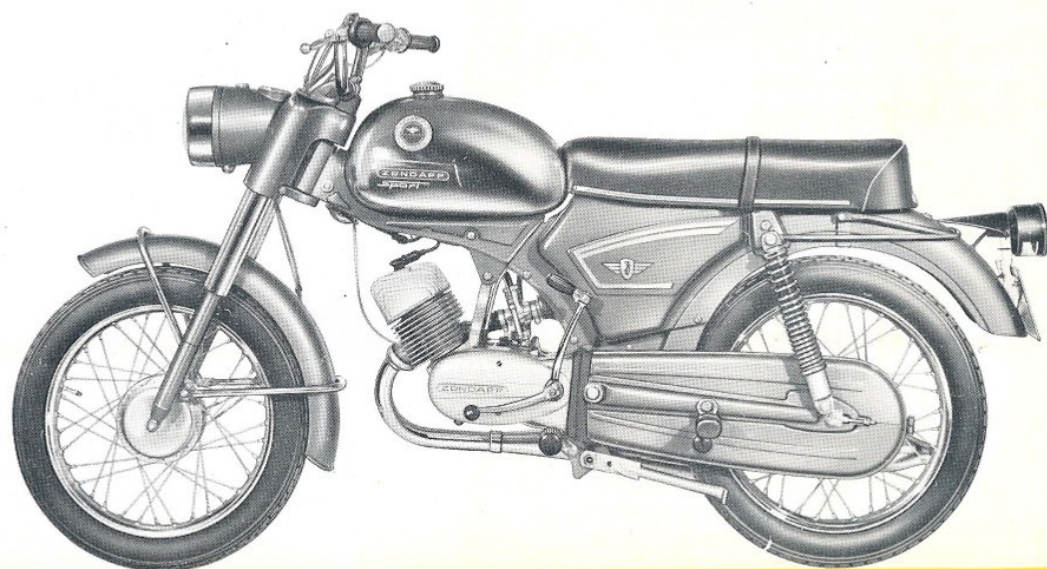


The powerful heart of the "Scrambler" with the typical, generously finned light-metal broad-wall cylinder and hard-chromed liner provides 9.0 h. p.



The sporting note is underlined by the chromium-plated tank and the narrow type of construction.

ZUNDAPP



ZÜNDAPP

KS 100

The "classic 100" in the best European tradition — reliable and powerful, developed on the basis of 50 years' practical experience in the construction of economical and hard-wearing motorcycles. Its fundamental conception is based on the highly successful sports types and it combines mettle and a featherbed comfort with an elegant, streamlined sporting design.

The easily engaged four-speed gear system, ensures a high degree of riding comfort with dashing, yet safe handling. The light, but nevertheless strong pressure-cast frame is free of any distortion and also ensures positive road-holding. The sports-tested full-hub internal expanding brakes and the equally generously dimensioned headlight of 30 watts and approx. 5" (130 mm) light emission diameter are also decisive safety factors.

The ZÜNDAPP "KS 100", despite its qualities as a utility motorcycle for safe pillion riding, still has all the features of a smart and fast sports machine. With its imposing acceleration and a top speed of approx. 56 m.p.h. (90 km/h) it is numbered amongst the most mettlesome versions of its type.

ZÜNDAPP

518-05 L0

Engine

cylinder capacity	non induced air-cooling
light-alloy cylinder	100 cc
bore/stroke	hard chromed, broad wall
compression	50/50 mm (1,97")
power output	1 : 9
cycle	9.0 h. p.
petroil mixture	2-stroke
clutch	25 : 1
steel ball selector	multi-plate oilbath type
gearbox	4 speeds and neutral, pedal gear change, kickstarter

Electrical Equipment

headlamp	flywheel mag-dynamo 6 V/53 W (30+5+18 W) and battery 6 V/8 Ah
rear light	30/30 W, Bilux (dual-beam), with high beam indicator
brake light	5 W
	18 W

Frame

color	beautifully designed modern light-alloy pressure-cast body, front and rear suspension
suspension	brilliant blue
brakes	front: telescopic fork; rear: spring-unit hydraulically damped with exposed shockabsorbers
tires	front and rear full-hub internal expanding brakes 4 ³ / ₄ " (120 mm) dia.
tank capacity	2,75" x 16"
net weight	abt. 3 ¹ / ₃ US gals. (12,5 liters), thereof
permissible all-up weight	abt. 1 ¹ / ₂ US gal. (1,8 liters) reserve
hill-climbing ability	approx. 190 lbs. (86 kg)
top speed	550 lbs. (250 kg)
	42% solo
	approx. 56 m. p. h. (90 km)

Standard Equipment:

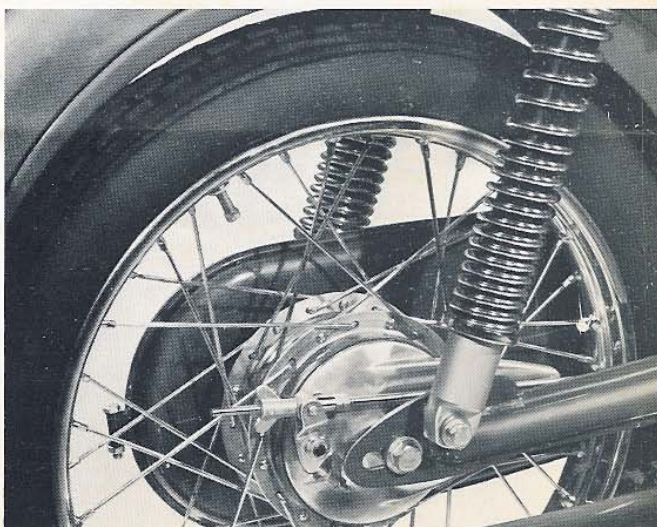
case-hardened crankshaft and steel connecting rod, built-in speedometer, knock-out spindles front and rear, protective rod, buzzer, sports handle-bar, sports fittings, sports mudguard, chrome plated fuel tank, pillion foot rests



Primarily designed for handiness, riding comfort, long service life and maximum operational reliability.

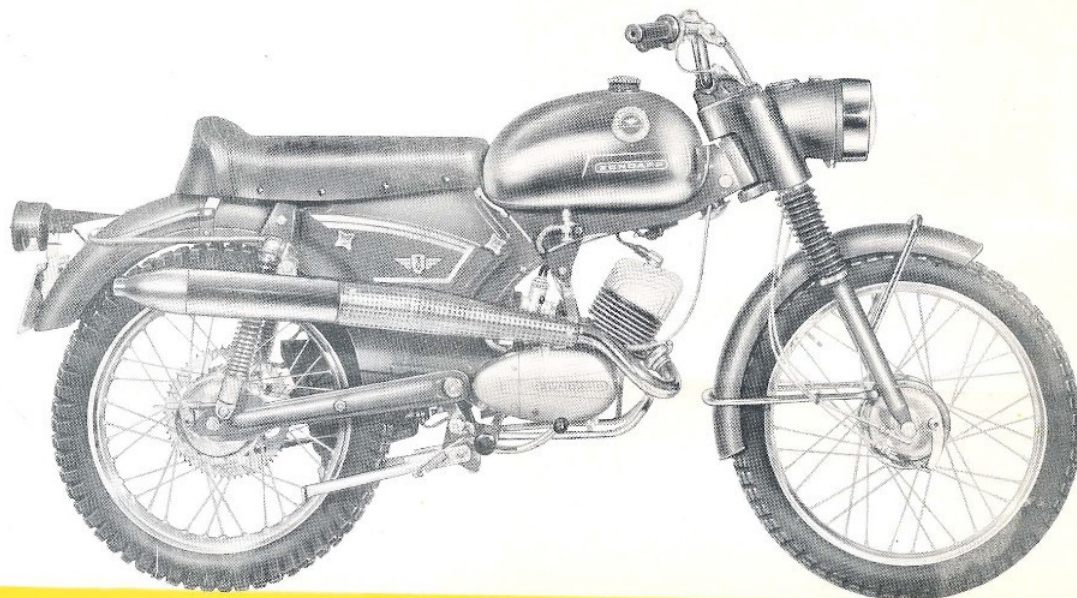


The robust, high-performance 100 c. c. two-stroke engine achieves 9.0 h. p.



The ZÜNDAPP "KS 100" is a mettlesome machine of solid stamp. Excellent suspension by the long-stroke telescopic fork and the sensitively responding hydraulic dampers.

ZÜNDAPP



ZÜNDAPP

SCRAMBLER

Astride this sporting motor cycle, enjoy both the exhilaration of a fast ride and the more leisurely amble through Nature's beauty spots along romantic paths in field and wood. The 100 cc Scrambler is a sporting thoroughbred of exclusive design — saddled for you with loving care by the House of ZÜNDAPP. What's more, ZÜNDAPP designers have built into it their wealth of experience in the handling of speedy competition machines — on which the Scrambler leans heavily in its performance. A machine which combines breathtaking sprinting capacity and perfect riding properties with luxurious riding comfort and handsome quality finish. The lively engine, packed with the concentrated power and fire of a charging bull, will delight you on every trip.

Equipped with full-hub brakes, long-travel telescopic fork and sensitively responsive rear fork spring-unit suspension, the Scrambler is functionally designed for the dashing sportsman rider, with the emphasis on every "speed" feature (sporting, aerodynamic handlebar lines, sporting solid link, spring units with externally located springs, freely accessible uncased carburettor). The low-slung seat properly brings out a dashing riding style. If you have an ounce of temperamental blood in your veins, the ZÜNDAPP Scrambler is just tailor-made for you.

ZÜNDAPP

518-08 L0

Engine

cylinder capacity	100 cc
light-alloy cylinder	hard-chromed, broad wall
bore/stroke	50/50 mm (1,97")
compression	1 : 9
power output	9.0 h. p.
cycle	2-stroke
petroil mixture	25 : 1
clutch	multi-plate oilbath type
steel ball selector	4 speeds and neutral, pedal gear
gearbox	change, kickstarter

Electrical Equipment

	flywheel mag-dynamo 6 V/53 W (30+5+18 W) and battery 6 V/8 Ah
headlamp	30/30 W, Bilux (dual-beam), with high beam indicator
rear light	5 W
brake light	18 W

Frame

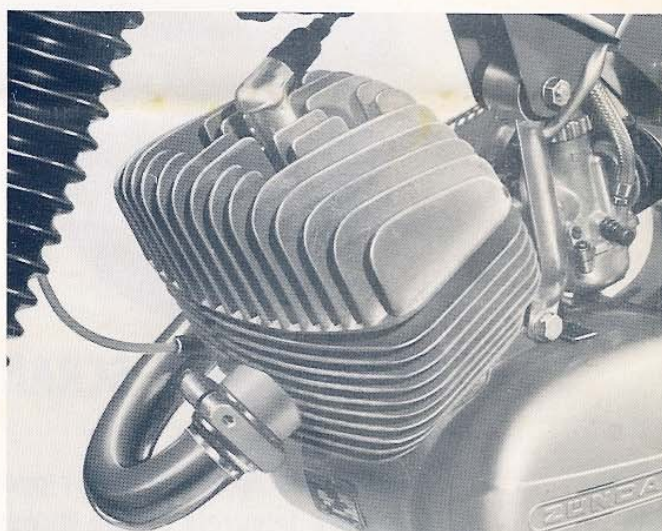
	beautifully designed modern light-alloy pressure-cast body, front and rear suspension
color	monza-red
suspension	front: telescopic fork; rear: spring unit, hydraulically damped with exposed shock-absorbers
brakes	front and rear full-hub internal expand- ing brakes 4 ³ / ₄ " (120 mm) dia.
tires	front: 2,50/2,75 x 19"; rear 3,00 x 18" (Trial)
tank capacity	abt. 3 ¹ / ₃ US gals. (12,5 liters), thereof abt. 1/2 US gal. (1,8 liters) reserve
net weight	approx. 196 lbs. (89 kg)
permissible all-up weight	550 lbs. (250 kg)
hill-climbing ability	45%/65% according to chain wheel
top speed	over 56 m. p. h. (90 km)

Standard Equipment:

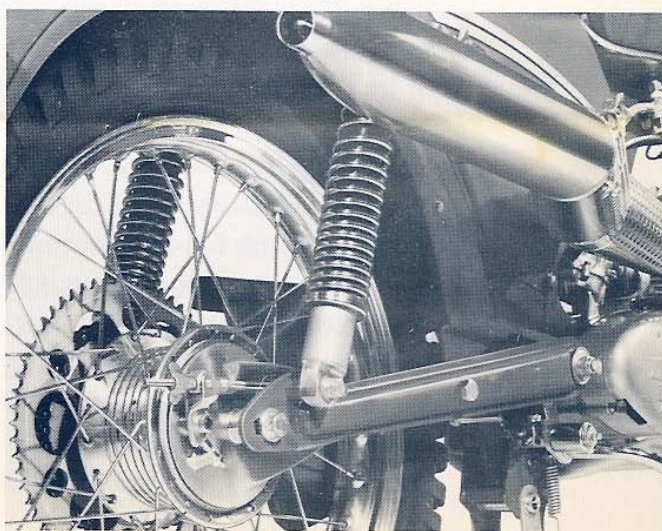
case-hardened crankshaft and steel
connecting rod, built-in speedometer,
knock-out spindles front and rear, pro-
tective rod, buzzer, cross-country handle-
bar, sports fittings, raised muffler, under-
side engine protective guard, double
chain sprocket unit (two different sizes)



Appropriate to the mettlesome temperament is the sports finish with the sports type handlebars, and control fittings.

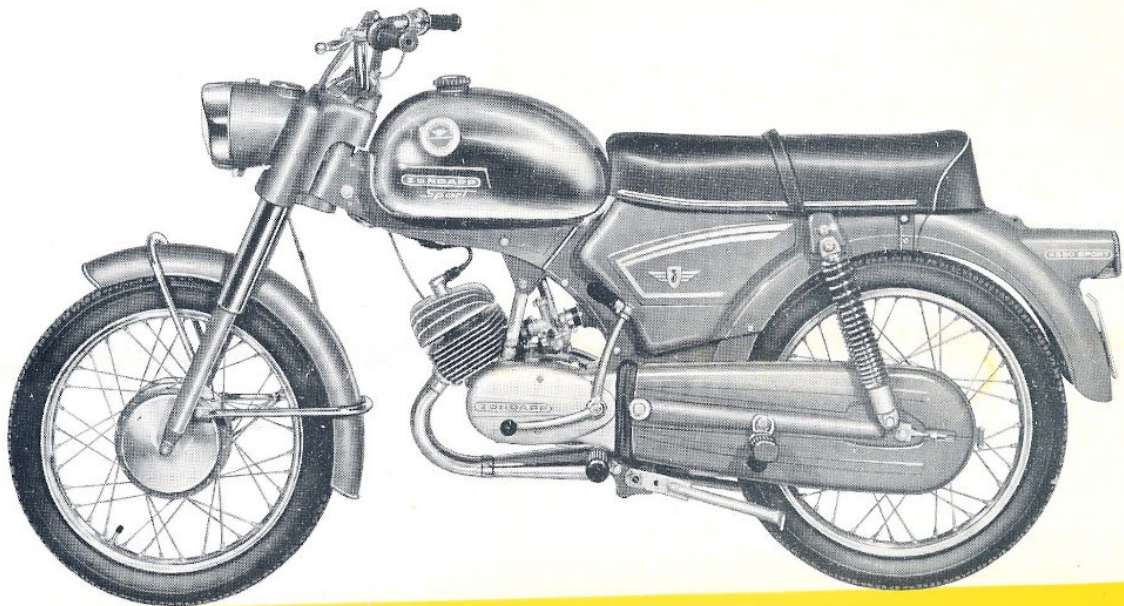


Superpower from 100 c. c., a thoroughbred with 4 speeds and 9.0 h. p.



Suspension and brakes are constructed owing to ZÜNDAPP's experiences in championships and international competitions.

ZÜNDAPP



ZÜNDAPP KS 50 SPORT

In a best-time series which covered 6 world records, ZÜNDAPP also raised the speed record for 1 hour to 162.6 km/h (101.057 m.p.h.) and even surpassed existing best world performances in 8 classes with larger cylinder capacities.

The performance of the 6.0 h.p. engine with non-induced air-cooling of the "KS 50 Sport" is exemplary for the high state of development of ZÜNDAPP. The relatively high power for 50 c.c., i.e. for a cylinder displacement no larger than the size of a Mocha coffee cup, is based on the progressive design of this engine. With a speed of more than 50 m.p.h. (80 km/h) and above-average acceleration times the "KS 50 Sport" has proved to be a really fast sports machine.

As fitting to its sporting character, the "KS 50 Sport" is equipped with a 5-speed gear, the small gear skip distances of which ensure a wide overlapping of the individual engaging ranges. The light-metal pressure-cast frame with full front and rear suspension in combination with the 17" wheels provides the maximum in silent running and track-holding ability, even when pillion riding.

ZÜNDAPP

517-06 L0

Engine

cylinder capacity	non induced air-cooling 50 cc
light-alloy cylinder	hard-chromed
bore/stroke	39/41,8 mm (1.535"/1.646")
compression	1 : 9
power output	6.0 h. p.
cycle	2-stroke
petroil mixture	25 : 1
clutch	multi-plate oilbath type
steel ball selector gearbox	5 speeds and neutral, pedal gear change, kickstarter

Electrical Equipment

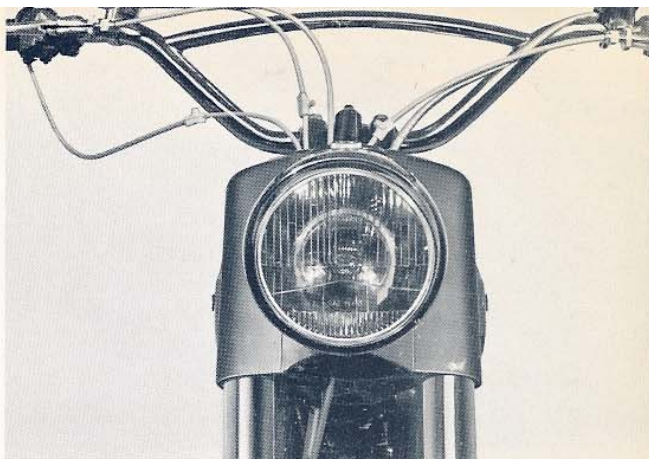
headlamp	flywheel mag-dynamo 6 V/34 W
rear light	25/25 W, Bilux (dual beam)
brake light	5 W

Frame

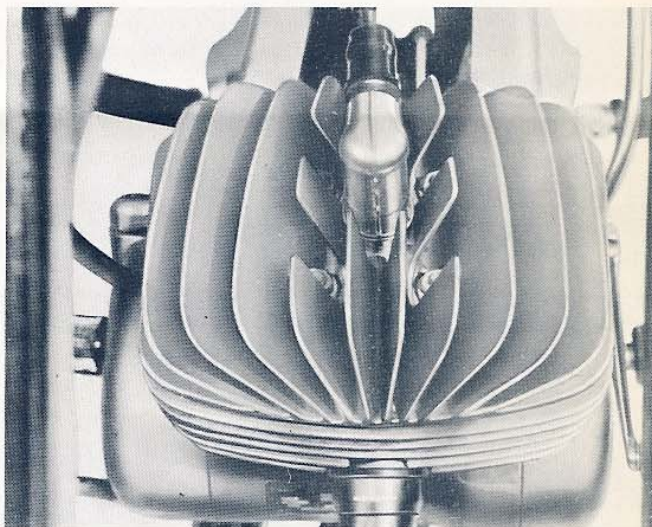
	beautifully designed modern light-alloy pressure-cast body, front and rear suspension.
colors	brilliant blue, monza-red
suspension	front: telescopic fork; rear: spring-unit hydraulically damped with exposed hydraulic shockabsorbers
brakes	front and rear full-hub internal expanding brakes 5 ⁹ / ₁₀ " (150 mm) dia.
tires	21" x 2,75" motor type special
tank capacity	abt. 3 ¹ / ₃ US gals. (12,5 liters), thereof abt. 1 ¹ / ₂ US gal. (1,8 liters) reserve
net weight	approx. 176 lbs. (80 kg)
permissible all-up weight	516 lbs. (235 kg)
hill-climbing ability	34% solo
top speed	over 50 m. p. h. (80 km)

Standard Equipment:

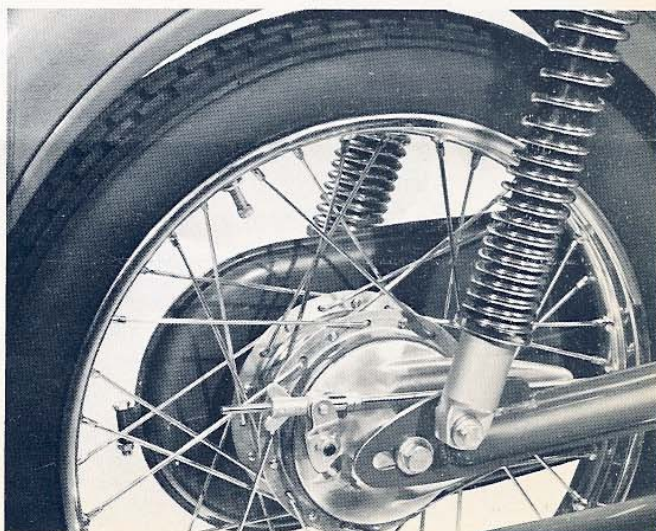
case-hardened crankshaft and steel connecting rod, built-in speedometer, knock-out spindles front and rear, protective rod, buzzer, pillion foot rests



Appropriate to the mettlesome temperament is the sports finish with the sports type handlebars, and control fittings.



Superpower from 50 c. c., a thoroughbred with 5 speeds and 6.0 h. p.



Suspension and brakes are constructed owing to ZÜNDAPP's experiences in championships and international competitions.

ZÜNDAPP



The unique succession of sports successes achieved by ZÜNDAPP-motorcycles including numerous championships and cup victories in the great international longdistance trials, as well as the title subscription in the German trial championship and in the „European Cup“, is for ZÜNDAPP therefore an absolute measure of quality and performance.

ZÜNDAPP has broken 6 world records in the 50 cc class within only 3 days (13.—15. 5. 1965) on the high speed track of Monza/Italy. At the same time 8 other world-performances have been improved considerably in categories for machines over 50 cc. ZÜNDAPP has proved that their engines are not only of a proverbial reliability but they also develop a high speed.

That's why it has to be a ZÜNDAPP!

XXXXI. Internat. Six-Days 1966 Sweden: Gold for Dave Ekins

In his first attempt the American Dave Ekins succeeded in winning a hotly contested FIM gold medal in these "Olympic Games" of motorcyclists. The distance of this cross-country trial, the severest in the world, was 1056 miles. Ekins covered the track without a single bad point although he received his ZÜNDAPP only a short time before starting. Also, the other ZÜNDAPP riders came off well in the 50 cc, 75 cc, and 100 cc classes. Besides that, the German Silvercup-Team B won the precious SILVERCUP, 3 ZÜNDAPP riders among them. Every ZÜNDAPP owner profits from the outstanding features of ZÜNDAPP motorcycles.

As the largest producer of motorized two-wheel vehicles ZÜNDAPP occupies a leading position in the Federal Republic of Germany. ZÜNDAPP-motorcycles have been popular and highly successful in many countries throughout the world for about 50 years.



ZÜNDAPP-WERKE GMBH MÜNCHEN

Distributor or Dealer:



Technical data of all models subject to alteration without prior notice.

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