



ETZ 251

ETZ 150

ETZ 125

ETZ 125/150



Technical Data
MZ ETZ 125/150
(deviating data of ETZ 150 in brackets)
Engine
single-cylinder two-stroke
Bore
52mm (56mm)
Stroke
58mm
Swept volume
123cc (143cc)
Compression
10.5
Performance
7.5kW/10.5hp at 6,000rpm
(9.0kW/12.5hp)
Special design of ETZ 150;
10.5kW/14.3hp at 6,400rpm
Max. torque
12.3Nm (15Nm) at 5,500rpm
Special design of ETZ 150 at
6,200rpm:
15.8Nm
Gearbox
five-speed
Frame
box-type section frame
Front-wheel
suspension
telescopic fork
Rear-wheel
suspension
swinging arm
Shock course, front
185mm
Shock course, rear
100mm
Front brake
hydraulic disc brake, disc dia.
280mm,
or drum brake, drum dia. 150mm
Rear brake
drum brake, drum dia. 150mm
Front tyre
2,75 - 18 R
Rear tyre
3,25 - 16 R
Dynamo
three-phase current 14V, 15A
Battery
12V, 5.5Ah
Length
1,978mm
Width
915mm
Height
1,300mm
Dry weight
with drum brake 106kg
with disc brake 109kg
Fuel tank
13 litres
Fuel consumption
2.3 - 3.6 litres/100km
(2.4 - 3.8 litres/100km)
Petrol ratio
50 : 1 (optionally direct oil lubrication)
Top speed
100kph (105kph)
Special design of ETZ 150:
110kph

The right to make changes is reserved.

Technical Data

MZ ETZ 251

Engine

single-cylinder two-stroke

Bore

69mm

Stroke

65mm

Swept volume

243cc

Compression

10

Performance

15.4kW/21hp at 5,5rpm

(on request 12.5kW/17hp at 5,000rpm)

Max. torque

27.4Nm at 5,200rpm

(12.5kW/17hp variant:

24.5Nm at 4,500rpm)

Gearbox

five-speed

Frame

box-type section frame

Front-wheel

suspension

telescopic fork

Rear-wheel

suspension

swinging arm

Shock course, front

185mm

Shock course, rear

100mm

Front brake

hydraulic disc brake, disc dia.

280mm,

or drum brake, drum dia. 160mm

Rear brake

drum brake, drum dia. 150mm

Front tyre

2,75 - 18 R

Rear tyre

3,25 - 16 R or 110/80-16

Dynamo

three-phase current 14V, 15A

Battery

12V, 5.5Ah

Length

2,005mm

Width

915mm

Height

1,300mm

Dry weight

with drum brake 125.5kg

with disc brake 128.5kg

Fuel tank

17 litres

Fuel consumption

3.9 - 5.5 litres/100km

Petrol ratio

50 : 1 (optionally direct oil lubrica-

tion)

Top speed

130kph

The right to make changes is

reserved.

ETZ 251

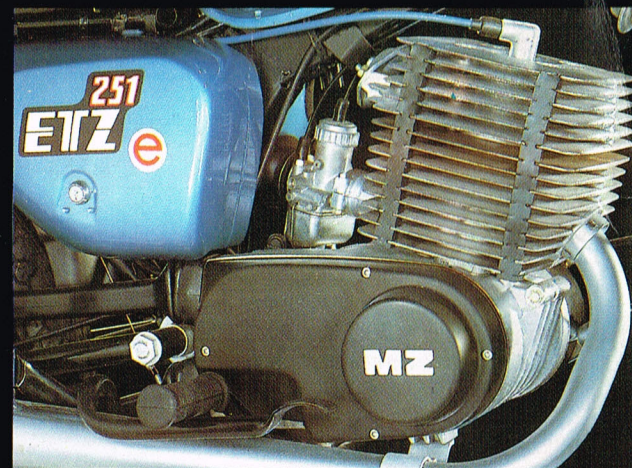


Concentrated power from 250cc

A large-surface-finned, air-cooled two-stroke engine of 15.4kW output at 5,500 to 5,700rpm gives the ETZ 251 the dynamism so typical of MZ. It stands quick load changes as easily as extreme constant loads and has an ample power reserve.

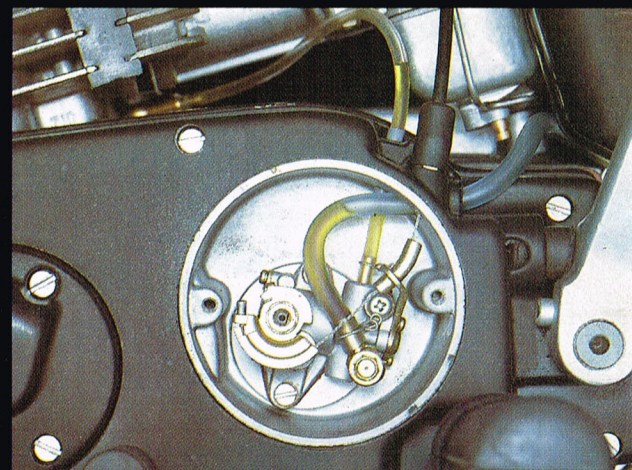
The easy-to-operate and sensibly stepped five-speed gearbox transmits the concentrated power of the engine, via a fully enclosed chain, to the rear wheel.

Optionally, a power-reduced engine of 12.5kW (17hp) is available.



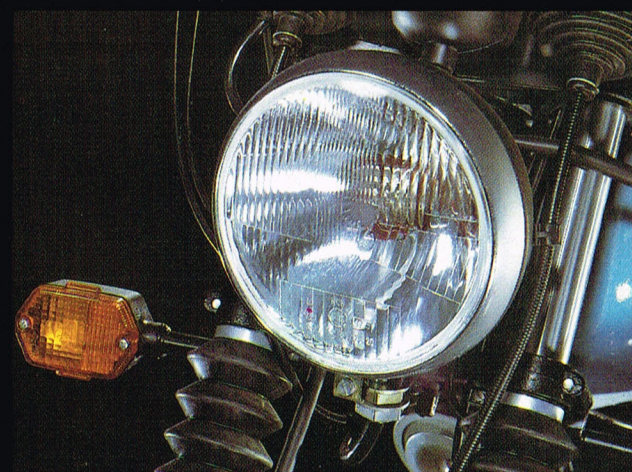
Optionally with direct lubrication

The ETZ engines are lubricated with a fuel/oil mixture or else provided with direct oil lubrication. The oil pump, which is available on request, is accommodated in a separate compartment in the clutch cover. A separate oil tank is arranged under the left side panel.



Good visibility at night

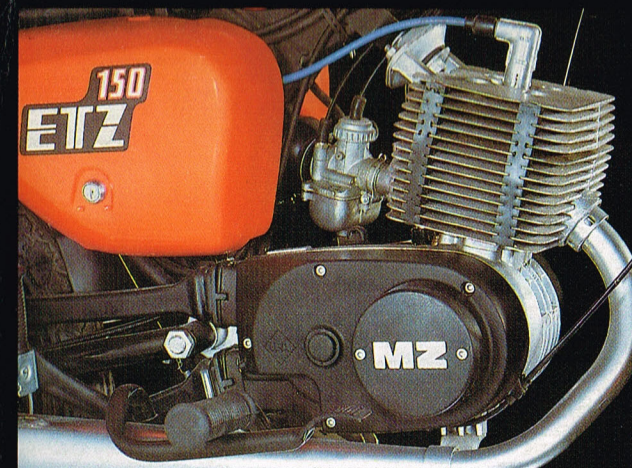
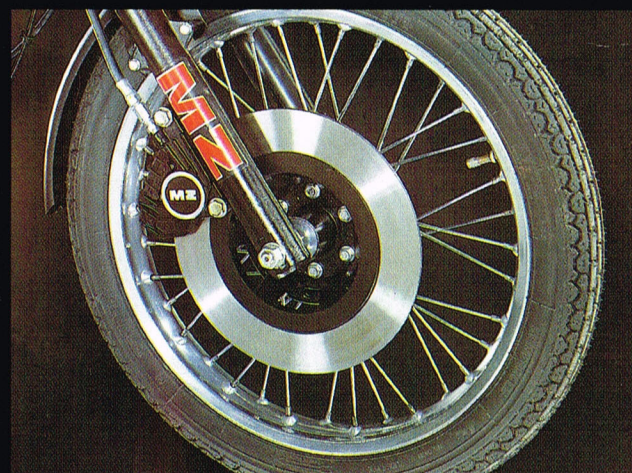
All ETZ models are serially equipped with a halogen headlight (H4 lamp, 12 V, 60/55 W) with 170 mm reflector dia. and asymmetrical low beam.



Reliable brakes

Reliable brakes are the guarantee for safe riding. The hydraulically actuated front-wheel disc brake (280mm disc dia.) and the practice-proved drum brake on the rear wheel ensure precise control of braking power and safe deceleration in all speed ranges.

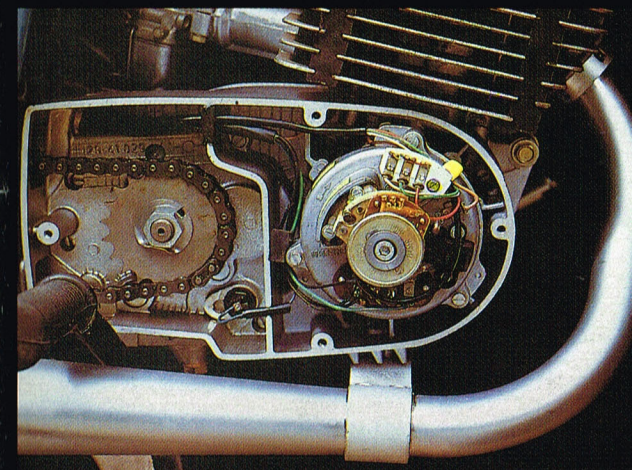
On request, the ETZ motorcycles are supplied with front-wheel drum brake to meet special operating conditions.



Mature design: The 125/150cc engine

Based on years of experience and thorough testing, the engine of the ETZ 125/150 model smoothly carries on the best MZ traditions regarding performance, sturdiness, reliability and low maintenance requirements. Despite its nippy power development in all gears, it is economical in operation and environmentally acceptable.

The engine of the 125cc model develops 7.5kW (10.5hp), and that of the 150cc machine 9kW (12.5hp) at a rated speed of 6,000rpm. A special design available of the 150cc engine gives 10.5kW (14.3hp) at 6,400rpm. As a matter of course, these MZ two-strokes, too, have a five-speed gearbox.



The 12V electrical system

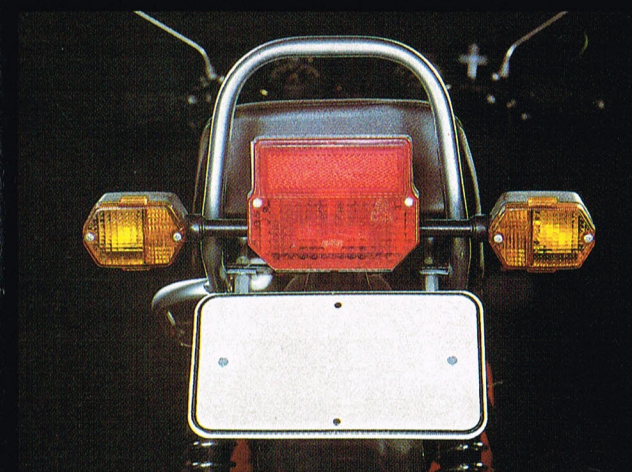
All MZ motorcycles in the ETZ range feature a powerful three-phase dynamo. The voltage of 12V (15A) guarantees high operating and road safety. The 180W produced by the dynamo permit additional electrical equipment to be powered.

The combustion of the fuel/air mixture in the cylinder is controlled by a conventional contact-breaker ignition system or by an optionally available electronic battery ignition system.

Noteworthy details

Adjustable spring legs and a well-padded dual-seat make riding on ETZ motorcycles a comfortable experience. A grip bar is mounted behind the seat.

The newly designed rear light and modern flashing indicators of square shape impressively underline the outer appearance of the ETZ models.



Safe adhesion to the road

MZ motorcycles are equipped with Pneumant tyres. These tyres are known for their good running properties and excellent cornering stability, even on wet roads. For particularly sporty riding, the ETZ 251 can be fitted with a newly developed rear-wheel tyre of low cross-section (110/80).

