



Fretta



Motocoupe





A known fact: a four wheeled vehicle is safe. With this in mind, a design was evolved, in which the track of the rear wheels was sufficiently narrow, making the use of a differential unnecessary. This ensured good stability and excellent road holding. The max. power is therefore always equally transmitted to the

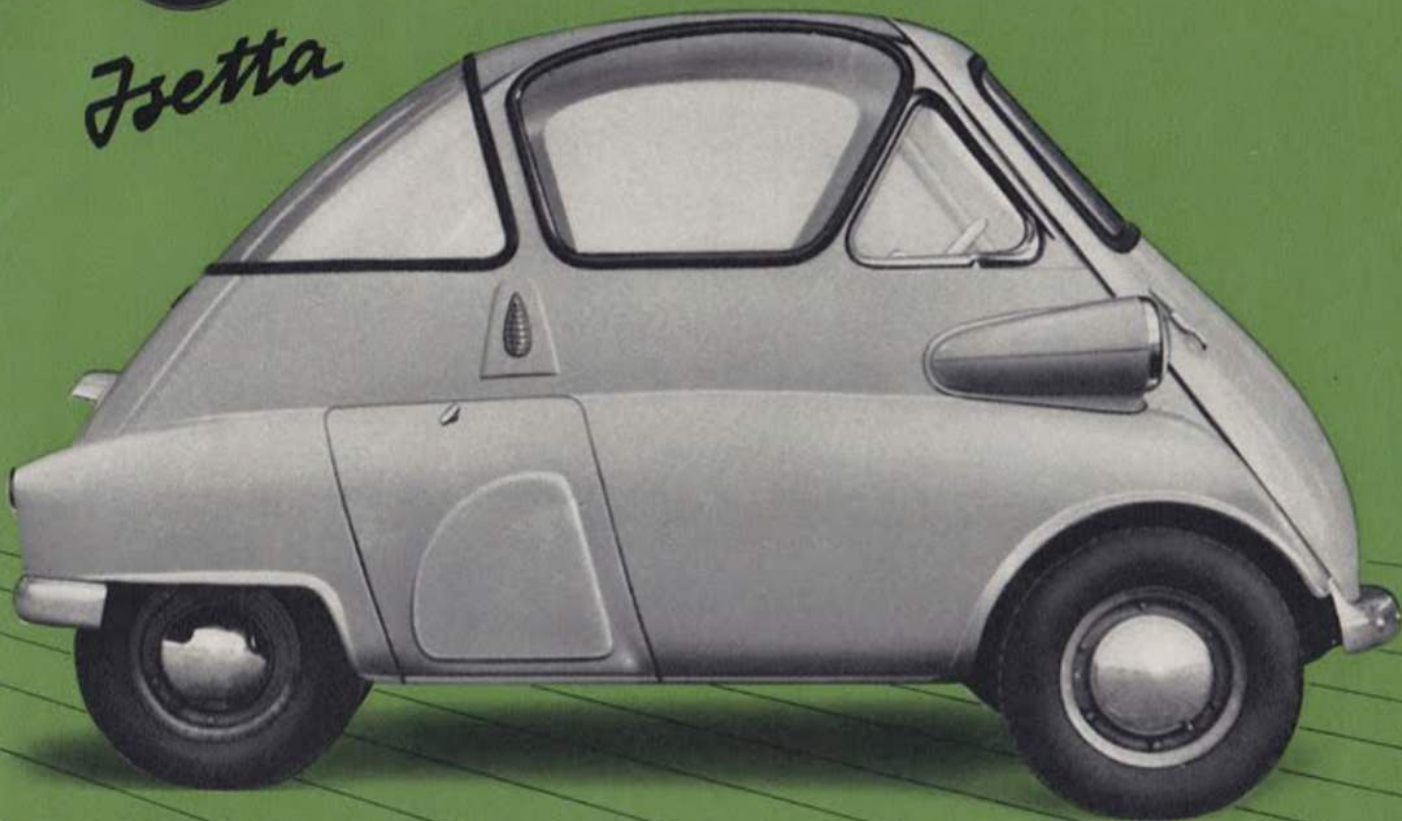
by a tubular structure and located on a tubular chassis frame.

The width of the adjustable bench seat is 46½ inch, and there is 27½ inch of unobstructed leg room,—far more than in many small cars.

For the size of vehicle, the riding comfort of the BMW



Isetta



Isetta. Conveniently located behind the seat is the spare wheel and there is an abundance of luggage space. Well positioned, powerful headlamps ensure maximum driving safety at night.

Now examine the BMW Isetta from the driver's point of view, seated comfortably behind the steering



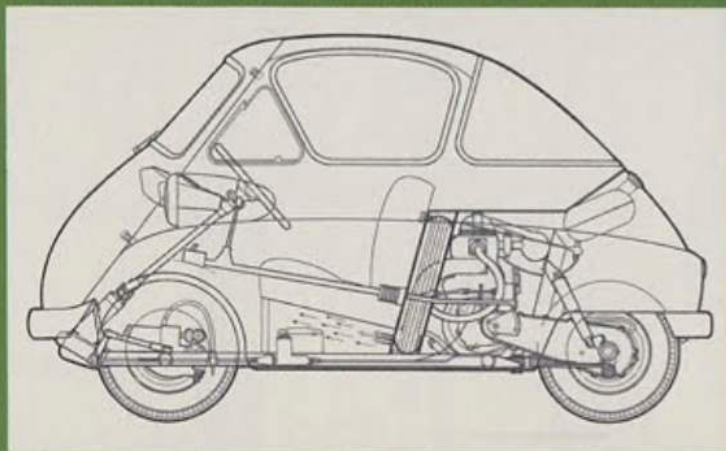
The powerful
reliable fan-cooled
250 cc. BMW engine

two rear wheels, giving the BMW Isetta over bad or unmade roads and field tracks, a performance almost similar to that of a cross-country vehicle.

The rear-wheel suspension is accomplished by quarter-elliptic leaf springs and two long-stroke telescopic hydraulic shock absorbers, the front wheels are independently sprung. This arrangement of the four-wheel suspension ensures at all times good road holding, as front and rear wheels follow each other almost in the same radius when negotiating bends. The elegant and modern styled body is re-enforced

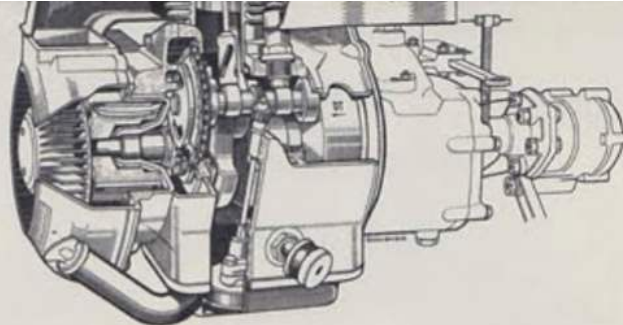
Isetta Motocoupe is unique. Elegant and modern in appearance, the vehicle has a distinguished sporting note. It offers absolute weather protection and an unrestricted all-round view. With a single movement the draft-free and rain-proof folding roof can be opened and closed, and for additional ventilation there are two centrally hinged window panels which can be secured in any desired position. On a cool evening or in winter, it is only necessary to touch a single control, - and a continuous supply of fresh warm air starts to circulate through the interior of the BMW

The rigid tubular chassis frame



On request with 300 c. c. engine 13 HP

wheel. Pressing the electric starter button . . . and there is an immediate response from the world-famous BMW four-stroke engine. Air-cooled, robust and reliable, this powerful over-head valve engine will start at once in the coldest weather condition. The gears are easily engaged. The gear ratios of the four forward speeds and one reverse have been carefully selected. Permitting quick acceleration to over 52 miles per hour and lively performance when climbing gradients up to 1 in 3: Four wheel hydraulic brakes, plus independent wheel suspension and an accurate steering,—are all features which make the BMW Isetta safe and a pleasure to handle. The 250 c. c. BMW engine,—acknowledged over many years for its performance,—satisfies the most critical demands. A world wide BMW Service Organization, with works trained engineers—is always ready to serve.



The 1955 Mille Miglia,—the tough 1000 mile Italian road race, proved the performance of the Isetta Motocoupe, which covered the distance at an average speed of almost 50 miles per hour. A performance which was acclaimed all over the world.

Engine	BMW fan-cooled single cylinder four-stroke engine
Bore	68 mm (2.67 in.)
Stroke	68 mm (2.67 in.)
Capacity	245 ccm (14.83 cu. in.)
Compression	6.8 to 1
Power	12 bhp
Valves	over-head valves, push rod operated
Lubrication	Circulating system with gear type pump
Starter	12 Volt dynamo starter
Electrical Equipment	12 Volt/130 Watt Generator
Engine Position	Right hand side, transverse behind the seat
Clutch	Single plate dry clutch
Transmission	BMW four forward speed and reverse gearbox attached to the engine
Final drive	Resilient mounted drive shaft and totally enclosed, fully adjustable chain drive in oil-bath
Chassis frame	Rigid tubular chassis frame
Wheel Suspension	Independent front wheel suspension, swinging arms, coil springs and shock absorbers. Rear wheel suspension, quarter elliptic leaf springs and telescopic hydraulic shock absorbers.

Wheels	Split-rim disc wheels. Spare wheel with tyre		
Tyre Size	4.80-10		
Steering	Steering wheel, reduction steering gear, smallest turning circle approx. 24 feet		
Brakes	Four wheel hydraulic brakes. Brake diameter 7 in. Total brake lining area 49.9 sq. in.		
Dimensions			
Track, front	47.2 in.	Overall length	89.9 in.
Track, rear	20.4 in.	Overall width	54.3 in.
Wheelbase	58 in.	Overall height (unladen)	52.6 in.
Weight			
Kerb weight	approx. 770 lbs.		
Carrying capacity	507 lbs.		
Performance			
Max. Speed	52.8 miles per hour		
Climbing ability	First gear 1 in 3		
Fuel consumption	approx. 74 miles/Imp. Gal. (62 miles/U.S. Gal.)		
Modification to details and specification without reserve			

At long last an entirely new automotive vehicle representing a major achievement in the realms of popular motoring; the BMW Isetta motocoupe, which has all the advantages of a car,—but the economy of a motor-cycle.

What about entrance and exit? Never before has such a comfortable solution been achieved. When opening the forward facing, inclined full-width door, the steering wheel and column move automatically to the left and one can enter and leave the vehicle without bending even slightly,—one literally walks into a spacious interior. A further advantage,—the silently closing door, which is fitted with a special safety lock cannot be opened accidentally.

This outstanding solution of entrance and exit is of particular advantage when parking. One heads the BMW Isetta towards the foot-path (walk). Any space above 5 feet is ample for parking the BMW Isetta.

Seating? The wide well designed adjustable seat similar in size to the ones found in many medium sized cars can be occupied in comfort by two adults and a child. With all the controls positioned conveniently,—there is generous head, leg and elbow room for everyone. And furthermore, from the point of safety, the BMW Isetta Motocoupe has of course four wheels.

The BMW Isetta is the ideal solution of the transport problem for all those, who require a quick, convenient and economical vehicle, using a minimum of parking—or garage space. Designed to meet the demand of the employee and employer alike, the BMW Isetta serves well those engaged in trade and commerce and professional life. For the lady of the house,—the BMW Isetta is the ideal "second car" combining elegance and spaciousness with utmost economy,—a vehicle which can be operated on the smallest budget.





Isetta

Motocoupe

an entirely new

vehicle



- **Powerful four-stroke engine**
- **Superb comfort**
- **Outstanding economy**
- **Perfect weather protection**

