

New

Vespa



Cast-iron cylinder kit Ø 57,5

After being a protagonist for 30 years, the everlasting Ø 57,5 cast-iron cylinder kit, art. 31 5260, updates and becomes art. 3114930!

Constantly refined over the years, the legendary Ø 61 has now a new code, after undergoing further upgrade concerning above all the main rear transfer ports, the exhaust port and intake port, considerably increased in its dimensions.

It is the one and only cylinder kit of its kind using an o-ring as sealing gasket between head and cylinder. The new head also features a centering which allows to fit the cylinder perfectly.

By improving torque at low RPMs, this cylinder kit further increases performance.

With this development Malossi technicians went beyond all expectations once again!

Code = **3114930** € **204.00**

VESPA ET3 / ETS / PK / PK XL 125



TECHNICAL FEATURES

Cylinder

- Material: special self-lubricating, wear-resistant, highly refined cast iron alloys, obtained by Shell Moulding gravity die-casting.
- Machining: on numerically controlled high precision machine tools.
- Recalculated and increased heat exchange surfaces.
- Exhaust and transfer ports designed and tuned for maximum thermodynamic performance.
- Dimensional and surface finish quality control performed according to Malossi's internal specifications.
- Cylinder and piston selected for a 100% fit of 0.010-0.005 mm.
- Checking of all the seals carried out.

Piston

- Material: special aluminium alloy with high silicon content and low thermal expansion.
- Machining: on numerically controlled machine tools.
- Lightened and strengthened.
- Heat exchange surfaces increased.

Piston rings

- Piston rings in very strong modular cast iron with ground, wear-resistant, hard chrome metal-spray coating on the contact surface.

Head

- Material: special die-cast aluminium alloy.
- Geometry of heat exchange surfaces recalculated and increased.
- Machining: numerically controlled high precision machines with diamond tools.
- Viton Head Gasket.
- Hemispheric combustion chamber with centred squish and spark plug.

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Carburettor kit Intake manifold

These systems have been specially designed and calibrated for high-performance motors, and are complete with all accessories needed for assembly. MALOSSI is the leader in the design and production of special fuel systems for motorcycles and scooters. MALOSSI systems are the result of intense research and precision drawings and calculations. The suction pipes, reed valves, and air intakes designed by MALOSSI undergo efficiency tests and destructive tests to check their performance and reliability. Carburetors are customized for each vehicle according to the specific characteristics of the motor and air intake, and are completely calibrated for dosage of the air-fuel mixture under all power delivery conditions. MALOSSI produces special components for fuel systems in order to supply a product that responds perfectly to the needs of the most demanding customer.

Carburettor kit PHBL 25 B reed to cylinder

Code = **1615907** € 253.67

VESPA ET3 125

Code = **1615912** € 253.67

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The new carburettor kits have been modified in their oversize valve body, in order to fit the new dimensions of the cylinder perfectly.



Intake manifold kit PHBL 25 reed to cylinder

Code = **2015908** € 115.00

VESPA ET3 125

Code = **2015911** € 115.00

VESPA ETS / PK / PK XL 125



Products to be used exclusively for racing in places specially designed for such activity according to the regulations of the competent sporting authorities. We accept no liability resulting from improper use.

MALOSSI