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4 STROKE LAWNMOWER ENGINES BV SERIES

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BV series 4-stro

BUILT TO LAST

With cast iron cylinder liner greatly extending the life of the engine as compared with the alternative aluminium cylinder.

With austenitic steel exhaust valve and martensitic steel intake valve.

With separate valve seats and valve guides in special cast iron.

With dual effect, high-efficiency air filter.

With positive forced feed pump lubrication.

1985

1990



2000...

1980



BUILT NOT TO DISTURB...

... the tranquillity of both you and your neighbour due to the engine's low noise as a result of using special materials, selective assembly and particularly effective silencers.

... television and radio transmissions, due to the screened high-tension lead and suppressed sparking plugs.

Complete conformity with existing European standards.

Du
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4-stroke engines



BUILT FOR SIMPLICITY AND SAFETY

Because of the dipstick it is easy to check the oil level while the air filter can be readily serviced or replaced as necessary.

Because starting is quick and effortless.

Because no moving parts of the engine are accessible during operation.

BUILT FOR MAXIMUM VERSATILITY

Due to the positive forced feed oil-pump correct lubrication is maintained, even at minimum oil level, on gradients which are not recommended for other 4-stroke engines.



BUILT TO...PLEASE

Due to the application of Italian styling to a lawn mower engine.

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The development of a product is the result of the development of a Company. Four-stroke engines in the BV range are the direct result of the development of Aspera, a Company which is now entirely a member of the FIAT group.

Versatile in use, long-lasting throughout several gardening seasons, easy to use and maintain. RELIABLE.

Silent and safe. A RESPECTER OF THE ENVIRONMENT AND YOUR SAFETY.

You may ask yourself what other mass-produced engines offered on the market have all the characteristics we have highlighted.

Few, we can guarantee it.

Numerous lawn mowers on the market fit BV 150 and BV 172 engines. Naturally each of these lawn mowers possesses certain design characteristics and certain possibilities of utilisation, which can be judged by no-one better than yourself in relation to your own grass-cutting requirements.

What we at Aspera can guarantee is that, in the majority of cases, machines fitted with BV engines are built to a high-level of engineering quality and design consistent with technical characteristics of our engine.

Our location at Turin, Italian capital of the car industry, keeps us readily and continuously in touch with European garden machinery manufacturers. Such continuous technical co-operation is invaluable both for them and for ourselves.

In connection with our role as a large European garden machinery engine manufacturer, we have set up the best after-sales aid and service network in Europe within this field.

All Aspera authorised service station personnel are factory-trained and continually updated with design and technical information on our engines. You will certainly find them competent and well supplied in spare parts at reasonable prices.

Therefore when buying a 4-stroke lawn mower ensure that the engine is an aspera BV 150 or BV 172.

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BV 150

bore
stroke
cylinder capacity
compression ratio
power at 3600 rev/min
tank capacity
oil sump capacity
net weight
(standard engine)

63.50 mm.
46.84 mm.
148.34 c.c.
7.24:1
2.60 Kw/3.5 HP
1 litre
0.6 litres
8.6 Kg.



BV 172

bore
stroke
cylinder capacity
compression ratio
power at 3600 rev/min
tank capacity
oil sump capacity
net weight
(standard engine)

66.6 mm.
49.2 mm.
172 c.c.
7.24:1
2.90 Kw/4 HP
1 litre
0.6 litres
9 Kg.

BVS 143
153
Scin/Fab
1986