

3 Simpler start with decompression valve.
Starting the K750 is easy with the decompression valve that lowers the compression at the moment of starting.

4 New, clearly-visible fuel indicator in the tank.
A window of clear polyamide is welded into the tank. You can see how much fuel is left in the tank through the window so you avoid running on empty and unnecessary stoppages.

5 Integrated wet-cutting kit with easily adjustable water flow.
Nipples and hoses are attached to the blade guards that are connected to a faucet on the handle allowing easy adjustment of the water flow using your thumb while operating.

6 Integrated holder for the spark plug wrench.
The new K750 has a practical holder for the spark plug wrench by the faucet.

7 DuraStarter™ – dust sealed unit with durable starter cord.
The starter needs virtually no maintenance at all thanks to a unique, patented design – DuraStarter™ – that encases the return spring and the cord pulley bearing arrangement. A range of seals prevent cutter dust particles from getting in to the vital parts of the starter. DuraStarter™ has a starter cord in one of the most hard-wearing polymaterials on the market.



SPECIFICATIONS PARTNER K 750

Displacement	74 cc
Power output	3.7 kW (5.0 hp)
Oil mixture	
2% (with Partner oil)	
Tank volume	0.9 l
Weight, empty tank, without disk	12" – 9.4 kg
(but with wet-cutting kit)	14" – 9.7 kg
Vibration	12" – front/rear 3.3/4.7 m/s ² according to EN 1454
	14" – front/rear 3.1/4.9 m/s ² according to EN 1454

CUTTING EQUIPMENT

Cutting disc diameter	300 mm (12"), 350 mm (14")
Depth of cut	100 mm (4"), 125 mm (5")

PARTNER ACTIVE AIR FILTRATION™

Filter system 1:	Active centrifugal cleaning
Filter system 2:	Settling compartment Adhesive system, with three layers of oil impregnated filter material
Filter system 3:	Folded paper filter
SmartCarb™	Carburettor with built-in filter compensation that requires no adjustment
Interchangeable disk bearing:	20 mm, 25.4 mm

Diamond blades and accessories for all situations.

All our research and development in cutting equipment is carried out in partnership with Dimas, one of the world's foremost manufacturers of diamond tools. We offer cutting blades for all types of cutting work and machinery. As the right type of segment is crucial for the results of your work, we are particularly meticulous in our choice of diamonds and the material in the segments. By optimising their properties, our blades can work effectively in every application. As the objective is to make



work easier for users of our machines, we also offer a range of accessories that are customised for cutters for a variety of applications, such as cutter trolley, wet cutting equipment and pressurised water tank. The range also includes protective clothing, helmets, gloves and other personal work and safety equipment.

PARTNER®

Cutting experts of the world.

SE-433 81 PARTILLE. Telephone +46 31 94 90 00. Fax +46 31 94 91 14.
www.partner-industrial.com

Partner is ISO 9001:2001 certified.

108 07 44 71 ENG/INT. Stendahl's.

Partner K750



PARTNER®

Cutting experts of the world.



Uncompromising power.

An entirely new generation of cutter is born. Partner K750 has been redeveloped from the bottom up, inside and out. Our new, exclusive motor technology, DualCharge, provides an extremely powerful motor producing 3.7 kW with low emissions and impressive fuel economy. In short, a cleaner and more efficient motor.

The K750 is also fitted with a large, effective muffler and a newly developed vibration dampening system that provides an extremely quiet and easy-to-use machine.

All technical solutions are as always implemented with the user's best interests in mind. And to allow for uncompromisingly efficient cutting.





Hand-held cutting from Partner has never been more efficient or easy.

- Motor with DualCharge provides considerably better power, higher torque and less emissions.
- Active Air Filtration™, centrifugal air cleaning in three stages increases service life and extends the intervals between services.
- SmartCarb™, built-in automatic filter-compensation, maintains high power and lowers fuel consumption.
- Simple start due to the decompression valve.
- DuraStarter™, dust sealed starter increases reliability and service life. the strong starter cord reduces the risk of downtime.
- Automatic lubrication of the clutch bearing provides increased service life and more reliable operation.
- The Poly V drive belt ensures better transmission, less retensioning and increased service life.



- The newly developed vibration dampening system results in considerably lower vibrations and more comfortable operation.
- 25% lower sound level thanks to a larger muffler.
- New, clearly-visible fuel indicator in the tank shows the fuel level to avoid unnecessary stoppages.
- Integrated wet-cutting kit with easily adjustable and more exact water flow.
- Hand protection on the rear handle protects your hand when cutting near walls.
- Practical holder for the spark plug wrench by the faucet.
- The integrated attachment of the cutting arm in the motor block increases stability and improves balance.
- Reversible cutting arm gives improved accessibility.

Strength and emissions that suit your needs.

The Partner K750 has a revolutionary new motor technology – DualCharge – a feature that, in addition to a more efficient motor, gives lower emissions and less exhaust odour. The new motor on the K750 also has an excellent power/weight ratio and is extremely easy to start.

DualCharge – more power and less emissions and easier to start.

The secret behind the DualCharge technology is that you use twin flushing ducts for clean air and for the fuel/air mixture. A barrier of clean air first presses out the burnt gases whereupon the fuel/air mixture is flushed in.

This results in a more powerful motor, better fuel economy and a drop in emissions by fully 70% compared to previous cutter generations. The fuel mixture that passes the main bearings and crank bearings is more concentrated and lubricates the motor more effectively as a result.

The DualCharge technology also makes the motor start more quickly, as only the channel with a concentrated fuel mixture is used at the moment of starting.

A Fuel/air mixture.

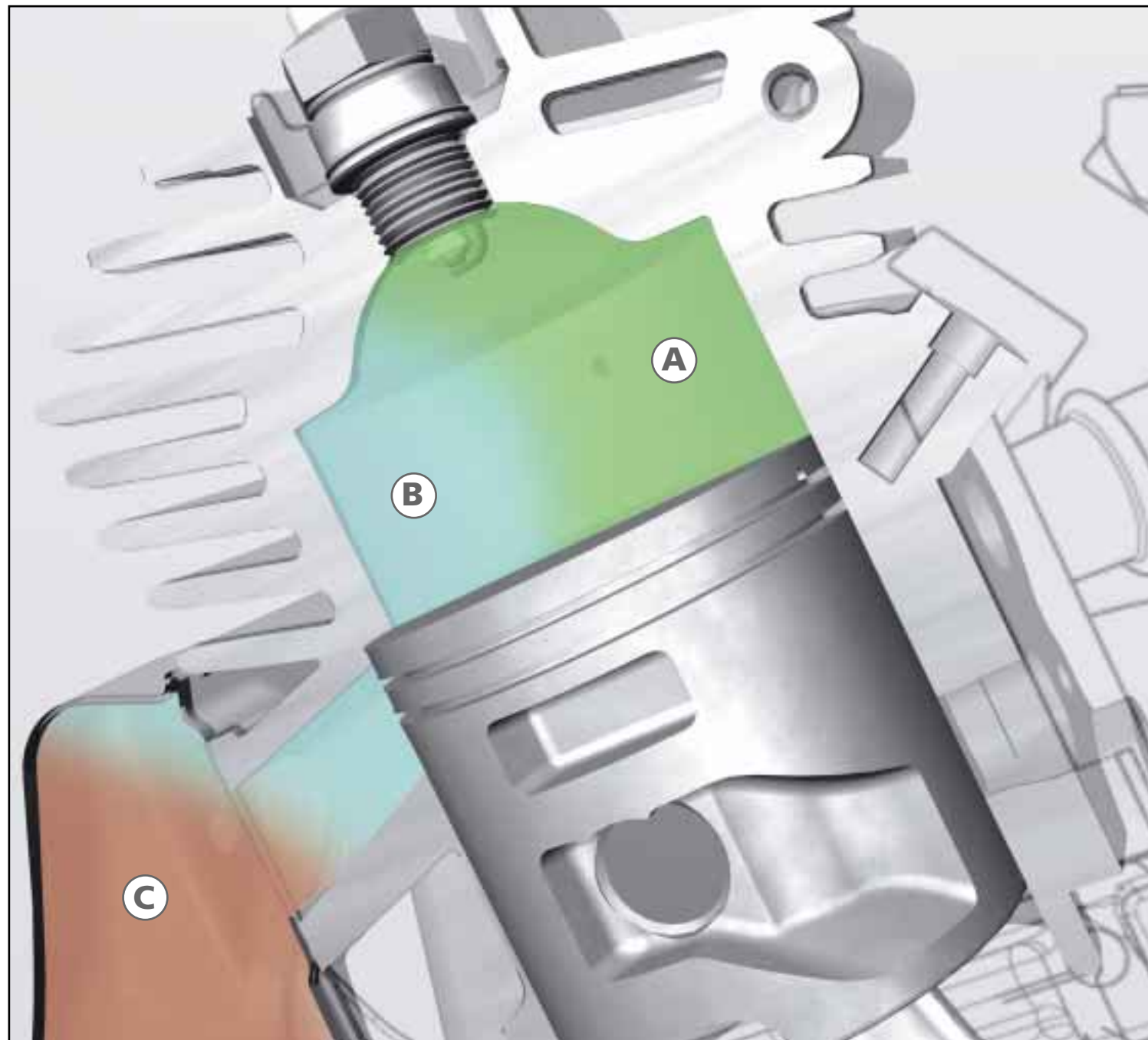
B Clean air.

C Burnt gases.

Less vibrations and less noise.

The K750 has a totally new vibration dampening system. The fuel tank, handle and air intake system is a completely vibration-relieved unit, which provides particularly low handle vibrations (less than 5 m/s²).

The muffler has been made twice as big and, along with the large air intake system, makes the motor more quiet and efficient.



Compact design and functional ergonomics.

The new Partner K750 has a modern and compact design with a clear affinity with other Partner models. The entire motor housing has a round and smooth exterior making it easy to put your leg or hip against it if you need a little extra pressure.

To achieve a comfortable operating posture and reduce the load on the user, the distance between handles is large. The handles and the short motor housing on the K750 mean the user is always close to the machine making it easier to handle and control.

To assist operating the machine still further, the front handle has a completely new, thicker design that gives a more comfortable grip.



We have updated our expertise.

1 New Active Air Filtration™ – this superb filter system is now even better.

Active Air Filtration™, is based on three separate filter systems. The first system utilises the centrifugal force at the cooling fan and separates 80–90% of the dust particles from the intake air. To make the Active Air Filtration™ system on the K750 even better, a settling compartment has been fitted in front of the filter to collect some of the dust which allows the filter to stay clean for a longer period. The intake air now passes through another stage in the form of an oil-soaked plastic foam filter with a large filter area that captures the remaining particles. The third stage is a traditional paper filter, that serves as an extra safeguard preventing cutter dust from mixing with the intake air.

The high efficiency of the Active Air Filtration™ minimises the risk of damaging and abrasive cutter dust from mixing with the intake air in the motor and prematurely wearing it out. The results are that the intervals between cleaning the fixed filters are extended by 3–5 times (compared to conventional filter systems), which reduces down-time and service costs.

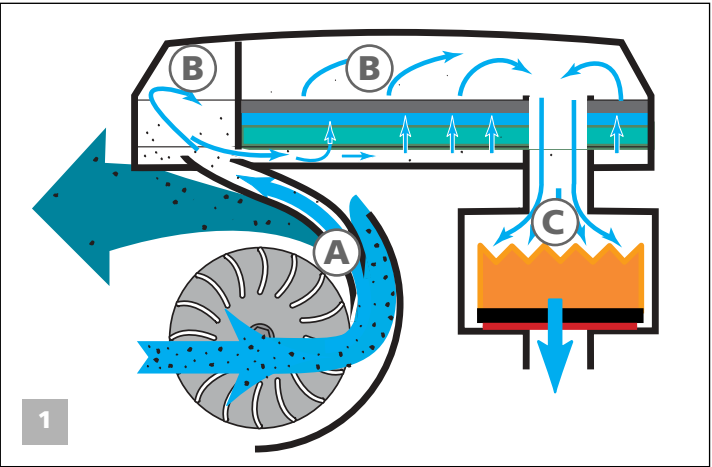
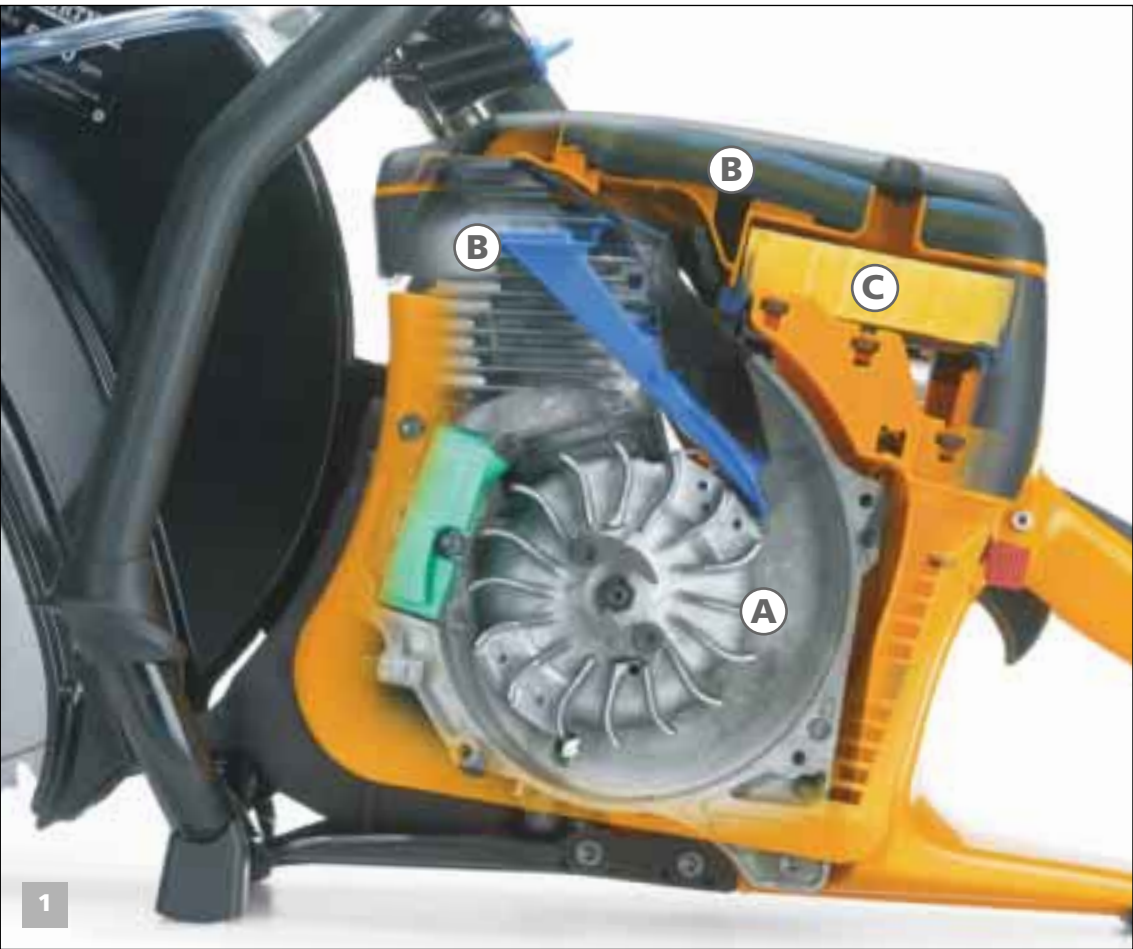
A The first, active filter stage utilises the centrifugal force at the flywheel and filters out 80–90% of the cutter dust.

B The next stage is a settling compartment where the dust is deposited, the air is then directed into an oil impregnated adhesive filter where any remaining dust attaches to the large sticky surface of the filter.

C The third stage is a safety filter of folded paper.

2 SmartCarb™ – carburettor with automatic compensation for clogged filters.

The built-in filter compensation in SmartCarb™ means that the motor receives the correct fuel/air mixture even when the filter starts to get clogged. This keeps motor power at a high level for longer operating periods and the service life of the filter is increased several times over.



8 Sealed transmission and Poly V belt give a longer service life.

The Poly V belt has a significantly longer service life compared to a conventional belt, and you do not need to retighten and adjust it as often.

The cutting arm has a totally sealed transmission, which keeps out cutter dust and dirt and reduces wear.

9 Reversible cutting arm, for simple cutting close to floors and walls.

To get the blade as close to the wall or ground as possible, you can reverse the cutting arm simply by hand.

10 Automatic lubrication of the clutch bearing provides increased service life and more reliable operation.

Working in extremely dusty, dry and hot environments makes the bearing extremely vulnerable. Lubrication reduces the risk of the bearing seizing which means increased reliability and less maintenance.

