

THE ACCESSORIES WHICH MAKE A PARTNER MORE ACTIVE AND VERSATILE

Only a cutting expert can supply you with quality accessories and blades which make your work easier.

Naturally, Partner develops accessories which make our machines even more versatile and flexible for use in various purposes. Along with our sister company Dimas AB, one of the world's leading manufacturers of diamond blades, we develop and manufacture a comprehensive range of blades for machines and materials of all types. We also have a range of accessories which fit the K650/K700 Active III, such as: cutting trolley, wet cutting equipment, pressurized water tank and protective equipment. In short, accessories which make your work easier and make our new cutters even more versatile.



TECHNICAL DATA FOR THE PARTNER K650/K700 ACTIVE III

Engine:

Air-cooled 2 cycle engine	
Displacement	71 cc
Power	4.8 hp (3.5 kW)
Oil mix 2% (with Partner oil)	
Fuel tank volume	0.70 l
Weight without fuel, blade and water kit	
K650 Active III	19.6 lbs (8.9 kg)*
K700 Active III	20.5 lbs (9.3 kg)**

Cutting equipment K650 Active III:

Blade diameter	12" (300 mm)
Cutting depth	4" (100 mm)

Cutting equipment K700 Active III:

Blade diameter	14" (350 mm)
Cutting depth	5" (125 mm)

Partner Active Air Filtration:

Filtersystem 1:	Active centrifical cleaning
Filtersystem 2:	Adhesive system, three layers of oil saturated
Filtersystem 3:	Pleated paper filter

Smart Carb™- carburetor with built-in filter compensation that does not require adjustment.

Replaceable arbor bushing: 20 mm, 1" (25.4 mm) available.

* Incl. water head kit 19.8 lbs (9.0 kg)

** Incl. water head kit 20.7 lbs (9.4 kg)

PARTNER®

CUTTING EXPERTS OF THE WORLD

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PARTNER K650/K700 ACTIVE III

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PARTNER®



Ever since Partner invented the world's first hand-held power cutters more than forty years ago, professionals around the world have been relying on our experience and expertise within cutting technology. There are many reasons for this. Partner specializes in cutting machines that constantly drive developments forward.

Over the years, we have retained our advantage by developing increasingly reliable, dependable and durable machines that operate effectively in an extremely

punishing environment. At the same time, we have succeeded in combining a high level of efficiency with stringent ergonomic demands, making the machines easy to handle and less strenuous to work with.

It is only when the cutter does more work without unnecessary breaks, and when the user requires less effort, that a cutting machine becomes really effective.

It is with this ambition that we constantly live up to our description as the "Cutting experts of the world".



NEW K650/K700 ACTIVE REFLECTING OUR ACTIVE DEVELOPMENT WORK

The new K650 and K700 Active III are further developments of the two power cutters that have already broken new ground in the cutting world, the Partner K650 and K700 Active. This means that we have now made two of the world's most effective, hard-wearing and reliable

power cutters even better. As a starting point, we used the cutting world's most active power cutters equipped with the highly efficient Active Air Filtration filter system, the Smart Carb™ filter-compensated carburetor and the Easy Start decompression valve. These are just a few

of the unique design solutions that have made these cutting machines so versatile and easy to use. However, our ambition is continually to drive developments forward without compromising on a tried and tested, reliable basic design. By scrutinizing every detail and inves-

tigating what can be further improved, we are able to retain our leading position in the cutting world. The results of our active development work are the new Partner K650 and K700 Active III.

PARTNER K 650 AND K 700 ACTIVE EVOLUTION

- New **improved blade guards** ensure simpler, more accurate adjustment.

- Integrated **water kit** provides easily adjustable and more accurate water flow.



- **One pound lighter** and improved vibration damping means easier work and less tiredness.

- **Powerful engine** with broader power range produces increased raw power.

- **Active Air Filtration**, increases filter life 4–8 times.

- Easy Start **decompression valve** ensures 50% easier starting.

- Stronger **starter cord** with greater durability extends the service intervals and reduces the risk of downtime.

- More **powerful drive belt** produces higher power transmission and extended life.

- **Integrated cutting arm** mount in the engine block increases stability and improves balance.

- **Reinforced cutting arm** with sealed transmission reduces wear and means fewer adjustments.

- **Reversible cutting arm** provides increased accessibility.

- **Improved ground support** means that the machines are more stable when standing on the ground.

- **Fuel level indicator** in the tank shows the fuel level so that unnecessary stoppages are avoided.

- New **fuel filter** reduces the risk of dirt in the carburetor.

- **Automatic clutch bearing lubrication** eliminates the need of manual lubrication of the clutch bearing.

- **Ventilated clutch** extends belt life.

- **Dura Starter™, dust-sealed starter** mechanism ensures increased reliability and lifetime.

- **Smart Carb™, a fully compensating carburetor** ensures power stability.

TRIED AND TESTED BASIC DESIGN WITH BENEFITS THAT ARE UNIQUE IN THE CUTTING WORLD

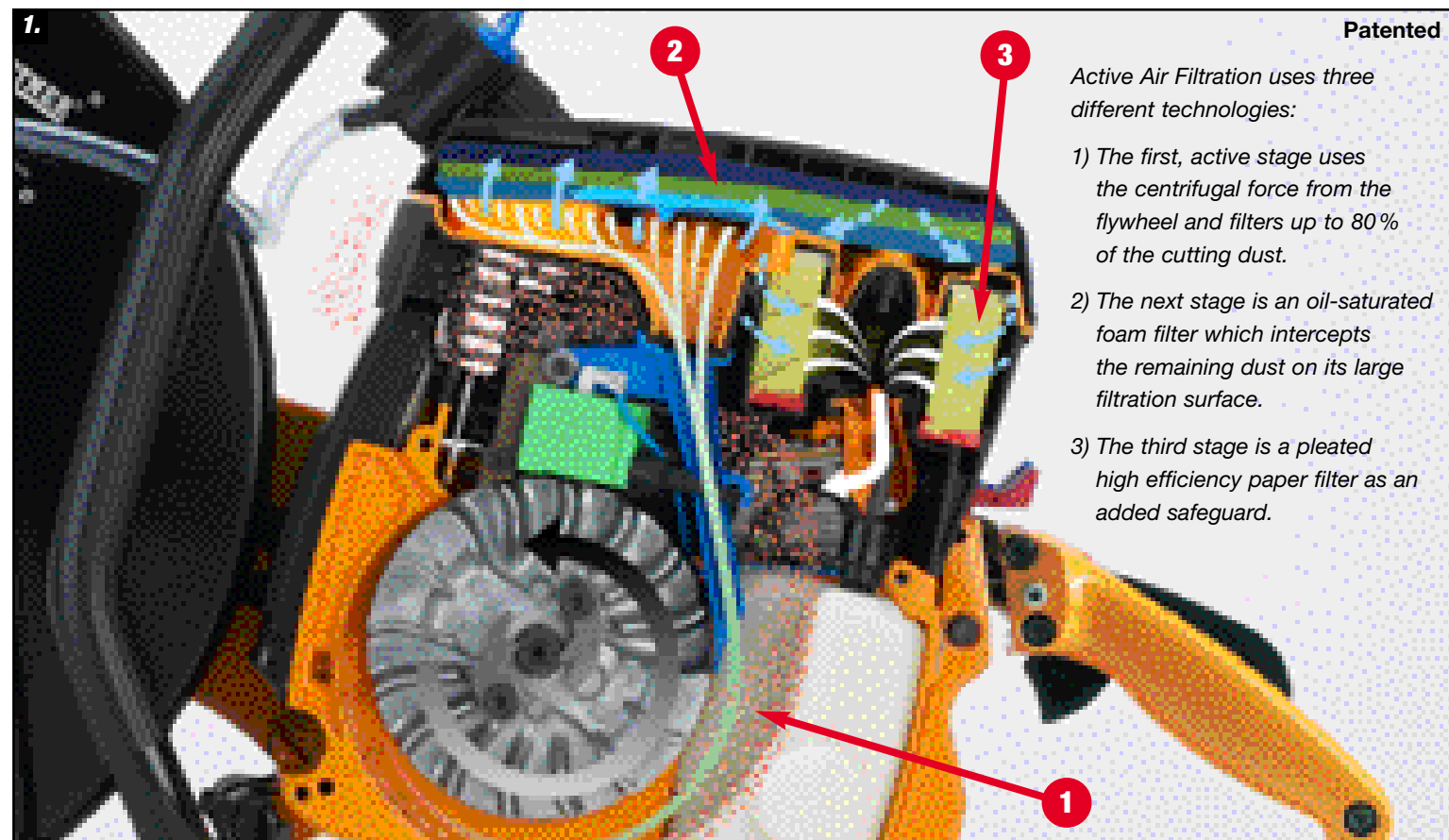
ACTIVE AIR FILTRATION, INCREASES FILTER LIFE 4-8 TIMES (1)

The revolutionary Active Air Filtration air cleaning solution comprises three separate filter systems. (1) The first stage utilizes the centrifugal force from the cooling fan and separates up to 80% of the dust particles from the intake air. (2) The intake air then passes a second stage in the form of an oil saturated foam filter, with a large surface area which captures the remaining particles. (3) The third stage is a traditional paper filter, which provides additional reassurance that the intake air is free from cutting dust. The result is that the cleaning interval for the fixed filters is extended by 4-8 times reducing downtime and service expenses.

As the air filter is well sealed, the machine can also be high-pressure washed without the risk of water entering the filter system.

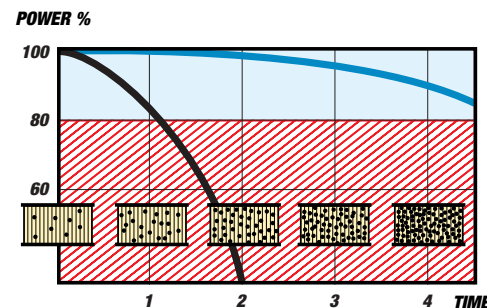
SMART CARB™, CARBURETTOR WITH AUTOMATIC COMPENSATION FOR CLOGGED FILTERS (2)

The built-in fully compensating carburetor maintains the correct fuel/air ratio at all times which ensures power stability even as the filter starts to get clogged. In this way, the engine produces full power output for longer operating periods and the life of the filter can be utilized to the fullest.



Active Air Filtration uses three different technologies:

- 1) The first, active stage uses the centrifugal force from the flywheel and filters up to 80% of the cutting dust.
- 2) The next stage is an oil-saturated foam filter which intercepts the remaining dust on its large filtration surface.
- 3) The third stage is a pleated high efficiency paper filter as an added safeguard.



Thanks to SmartCarb™, the engine runs cleanly even when the air filter is heavily soiled. This diagram shows how the engine output changes as the filter becomes clogged with cutting dust. The diagram shows both machines with a standard carburetor (black line) and machines with SmartCarb™ (blue line).

DURA STARTER™, OUR DUST-SEALED STARTER MECHANISM (3)

Partner is the only power cutter with a sealed starter mechanism that prevents dust from entering into the starter mechanism. As a result starter service intervals have been extended 5-10 times.

STRONGER STARTER CORD (4)

Our patented, dust-sealed starter mechanism, Dura Starter™, has also been provided with a stronger starter cord with greatly increased durability.

EASY START, DECOMPRESSION VALVE WHICH MAKES STARTING EASIER (5)

Easy Start reduce the compression in the cylinder during starting. Press the blue button that opens the valve. As soon as the engine catches, the valve is automatically closed.

REVERSIBLE CUTTING ARM, FOR EASY CUTTING NEAR THE GROUND AND WALLS (6)

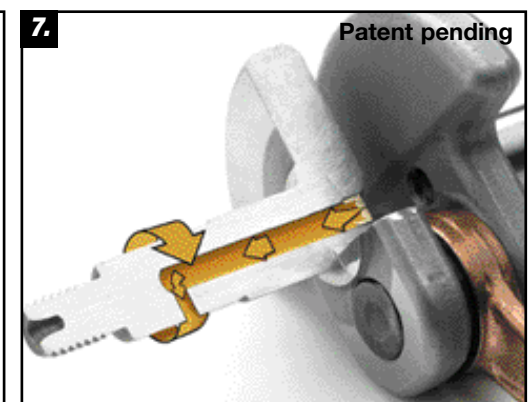
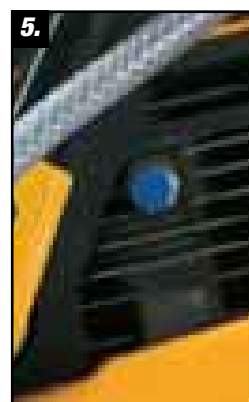
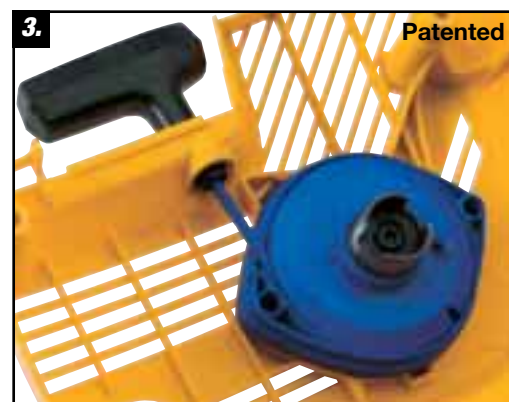
To get the blade as close to the wall or ground as possible, the cutting arm can be turned with a few simple manoeuvres.

AUTOMATIC CLUTCH BEARING LUBRICATION PROVIDES INCREASED LIFETIME AND SAFER OPERATION (7)

As the bearing operates in a very dusty, dry and hot environment, it is exposed to heavy punishment. Automatic lubrication reduces the risk of the bearing seizure, and therefore entails increased reliability and reduced maintenance.

FUEL INDICATOR IN THE TANK SHOWS THE FUEL LEVEL (8)

A window in the tank shows how much fuel is left. This means you avoid running the engine dry and having to make unnecessary stoppages in your work.



NEW BENEFITS MAKE THE WORK EASIER AND REDUCE DOWNTIME

REDUCTION IN WEIGHT MAKES THE MACHINES EASIER TO WORK WITH (1)

Compared with the previous models, we have succeeded in reducing the weight by one pound, which means that the machines are easier both to handle and to operate.

BLADE GUARDS WITH NEW ADJUSTING MECHANISM (2)

The new blade guards are easy to adjust even during operation of the saw.

IMPROVED GROUND SUPPORT MEANS THAT THE MACHINES ARE MORE STABLE WHEN STANDING ON THE GROUND (3)

The new Partner K650 and K700 Active III now have a more robust ground support so that they are stable when standing on the ground, even with the engine running.

INTEGRATED WATER KIT WITH EASILY ADJUSTABLE WATER FLOW (4)

Installed on the blade guards are water nipples and hoses which are connected to an easily accessible tap on the handle, so that you can easily adjust the water flow with your thumb during operation.

NEW FUEL FILTER REDUCES THE RISK OF DIRT IN THE CARBURETTOR (5)

The new filter with increased filtration capacity and a longer lifetime prevents cutting dust and other dirt from entering and obstructing the fuel supply.



INTEGRATED CUTTING ARM MOUNT (6)

The inner part of the cutting arm is cast together with the engine block. This ensures a stable attachment of the cutting arm and improved balance.

NEW CUTTING ARM WITH ENCLOSED TRANSMISSION (7)

The new cutting arm has a completely enclosed transmission, reducing the risk of slippage and wear and tear.

STRONGER DRIVE BELT PRODUCES LONGER LIFETIME (8)

The new cutting arm has also made it possible for us to use a drive belt with the same dimensions as on our largest cutting machines. This reduces the load on the belt and further increases the lifetime.

VENTILATED CLUTCH INCREASES THE LIFE OF THE DRIVE BELT (9)

The clutch is ventilated for increased cooling of the clutch and drive belt and hence also durability and operational reliability.

POWERFUL ENGINE WITH BROADER POWER RANGE (10)

The reliable, durable Partner engine has been further improved with increased torque, which means that the engine has increased lugging power, i.e. retains its power output even when the revs fall with increased loads.

