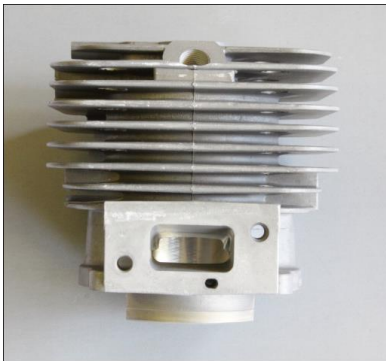




ACTIVE offers a
12 month
commercial warranty
on brushcutters.

Here are the reasons why:

1. NICKASIL LINED CYLINDERS



Nikasil is short for "Nickel Silicon Carbide". Silicon carbide is a very hard ceramic that can be dissolved in nickel. The nickel solution is electroplated onto the aluminium cylinder bore. The rings then rub the nickel off the lining, leaving a very hard Silicon-Carbide layer to protect the aluminium cylinder.

ACTIVE's advanced technology also includes oversize cooling fins, both in fin thickness and surface area size, to ensure optimal cooling of the engine.

Technically advanced porting and advanced technology which reduces distortion of the cylinders and result in very good engine performance.

2. PISTONS AND RINGS



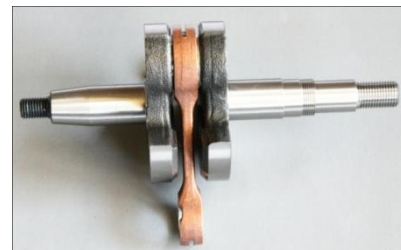
The ACTIVE pistons are **ultra-light**, having been designed for better efficiency and less vibrations.



All ACTIVE piston rings 40mm and larger are manufactured from a **special flexible alloy** which can bend without breaking.

The flexibility in the piston rings allow for better performance with stable power, even under severe working conditions.

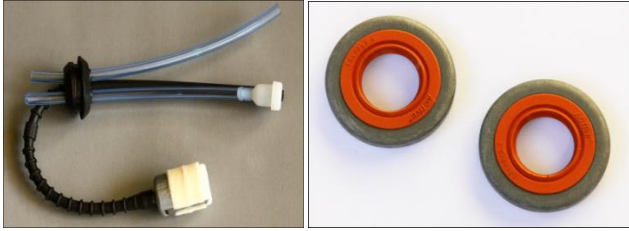
3. SILVER PLATED CRANKSHAFT BEARINGS



The crankshafts fitted to the 4.5 and 5.5 models are fitted with **silver plated needle roller bearings**, derived from racing engine technology. The advantage of silver plated needle bearings is greater reliability and longer life.

The crankshaft is precision balanced to reduce vibration.

4. VITON SEALS AND FUEL PIPES



All ACTIVE **fuel pipes and seals** are made of a material called **VITON**.

VITON withstands temperatures up to 240 degrees C, as opposed to the standard materials which break down at 140 degrees C.

VITON is not degraded by chemical products such as BENZOLO ETHANOL, used in unleaded fuels, or by oil additives.

5. DIGITAL IGNITION



All ACTIVE machines (excluding the 25cc engine) are fitted with a **digital ignition system manufactured by WALBRO**.

The benefit of Digital Ignition systems are:

- much stronger spark than other electronic systems at lower speeds
- easy starting
- fuel saving
- optimum cylinder combustion, which eliminates "hot starting" problems

6. GRAPHITE EXHAUST GASKET



All ACTIVE machines (except the 25cc) are fitted with Graphite Exhaust Gaskets.

Graphite has many **superior features** compared to other materials often used, these include:

- graphite gaskets cannot be compressed
- do not burn
- do not settle or shrink
- last the life time of the machine
- provides best possible heat shield to reduce heat transfer

7. MUFFLER



The ACTIVE technology used in the design and manufacture of the exhaust muffler **reduces resonance and high frequency vibration**, resulting in a high performance muffler with low noise.

8. CLUTCH

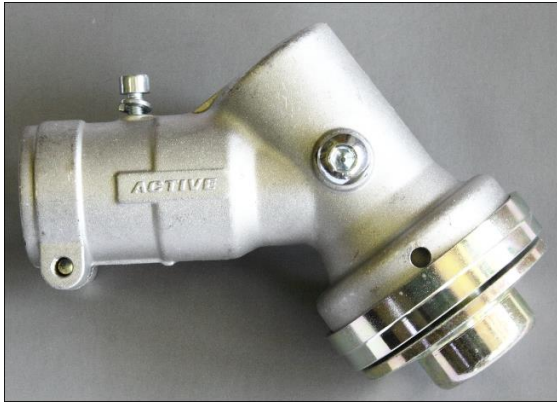


All ACTIVE Brushcutters are fitted with the same heavy duty (78mm) professional type clutch and ground clutch drum.

The clutch is fitted with a durable friction material for "Long Life".

The clutch is designed for **increased contact area and minimal slipping** so that maximum power is transmitted to the cutting head.

9. GEARBOX



The ACTIVE 4.5 and 5.5 Brushcutters are fitted with gearboxes designed and manufactured for extreme working conditions.

The gearbox is a heavy duty professional type, with a sealed gear case. **Labyrinth style top flange** prevents debris from damaging the bearing seal.

The gearbox can be fitted with a metal blade up to 4.5mm thickness.

10. THROTTLE HANDLE SYSTEM



The ACTIVE throttle handle is:

- fully adjustable
- ergonomically correct to ensure work comfort
- rubber coated to reduce operator fatigue
- the unique throttle lever and trigger reduces hand strain

11. TRANSMISSION TUBE AND SHAFT



The transmission tube is manufactured from a **high tensile alloy** developed by ACTIVE. The tube is able to withstand severe forces applied to it.

The transmission tube is fitted with six (6) **self lubricating, rubber encased phosphor bronze bushes**.

The steel drive shaft of the ACTIVE brushcutter is induction hardened at both ends.

