

Product Information

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our power, your passion

NEW CHAINSAW GS 44

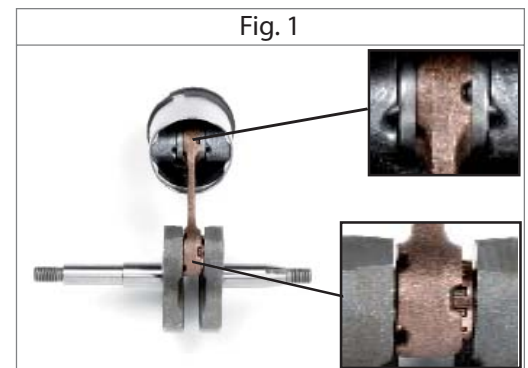


GS 44

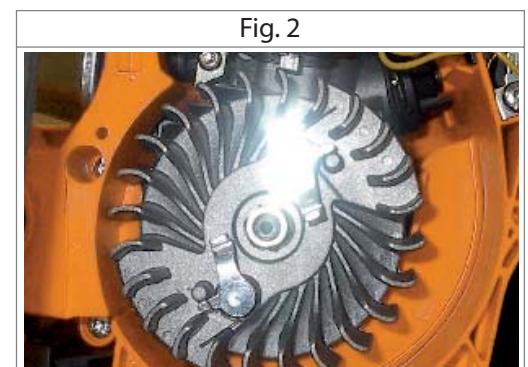
The new GS 44 Chainsaw has been developed satisfy a wide customer base, from home owners' through to demanding farmers. This compact and versatile saw with an optimum power to weight ratio offer great cutting performance over a range of operator needs: limbing, pruning and felling of medium sized plants. The New GS 44 because of its' design structure can offer the best cutting performance, comfort and ease of use to the varying customer needs. Fitted with a purge primer, multifunction on/off/choke/half throttle, aluminium oil pump, mixed springs 3 and rubber buffers 2 are just a few of the technical choices we have dedicated to the product for the best comfort and safety.

PERFORMANCE AND ENGINEERING SOLUTIONS

- **Nickel-plated cylinder, 3 elements crankshaft forged, connecting rod forged, caged bearing and piston with 2 rings:** constant efficiency assured over time, even in tough operating conditions (Fig. 1).

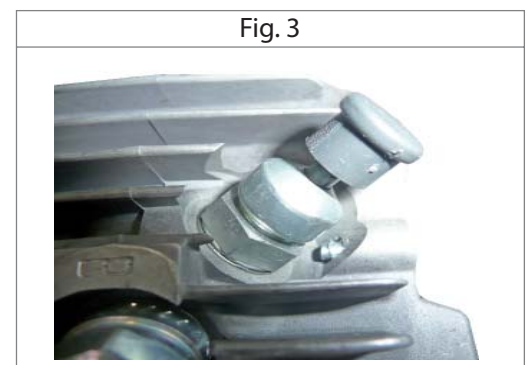


- **Flywheel** designed to guarantee smoother operation of engine and optimize engine cooling even in adverse weather conditions (high temperatures) (Fig. 2).

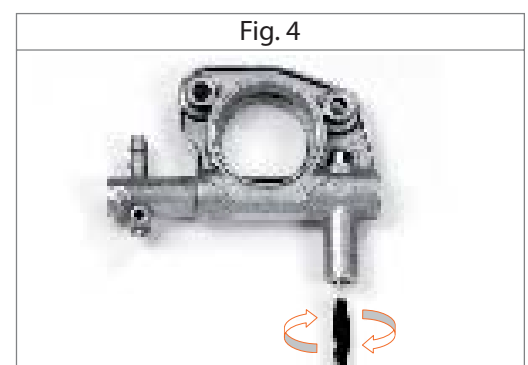


- **Digital coil with electronic control:** variable ignition advance allows reduction of the rate at which fuel is burned, making the machine easier to start (Fig. 2).

- **“Decompressor” valve** (fig. 3): when activated, reduces pressure in the combustion chamber to ensure the engine will start easily, even from cold.



- **Aluminium Adjustable oiler:** facilitates the task of the operator by allowing variation of the oil feed, according to the nature of use and the bar/chain combination; zero oil flow with the engine at idling speed ensures lower consumption and reduced impact on the environment (Fig. 4).



PERFORMANCE AND ENGINEERING SOLUTIONS

- **“Primer”** : fuel mixture is drawn actively into the carburettor to facilitate starting from cold, after refuelling and following long idle periods (Fig. 5).

- **On/off switch** , choke and half-throttle control incorporated into a single multifunction lever: guarantees practical and simple operation (Fig. 5).

- **Filter cover with knob**: gives swift access to the “Ice device” system. Inspection and replacement of air filter and spark plug with no tools required (easy servicing) (Fig. 6).

- **Inspectable silencer**: separates into three parts for easier servicing of exhaust (Fig. 7).

- **Nylon filter**: longer interval between one filter servicing operation and the next , thanks to a generously proportioned filtration surface(Fig. 8).

Fig. 5



Fig. 6



Fig. 7



Fig. 8



EASE OF USE AND COMFORT

- **“Ice device”** ensures the machine can operate without difficulty even at low temperatures (below 0 °C), avoiding the formation of ice on the air filter (Fig. 9).

Fig. 9



- **Lateral chain tensioner**: simplifies tensioning adjustments while avoiding any risk of contact with the chain (Fig. 10).

Fig. 10



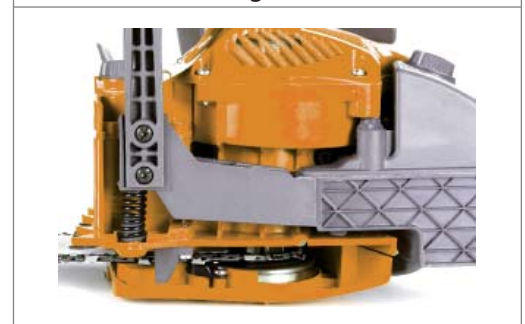
- **Double bucking spike** in plastic or steel (removable): guarantees a secure anchorage on logs or branches, giving greater stability and extra control over the blade when cutting (Fig. 11).

Fig. 11



- **Anti-vibration system** utilizing 3 spring dampers and 2 rubber stops located between the handle and the engine frame: with hands and body completely isolated from machine vibrations, the operator benefits through increased comfort. (Fig.12)

Fig. 12



TECHNICAL SPECIFICATIONS

TECHNICAL SPECIFICATIONS		GS 44
ENGINE		Emak, 2-stroke Euro 0
DISPLACEMENT	cm ³	42,9
BORE X STROKE	mm x mm	42 x 31
PISTON RINGS		2
MAX POWER	HP/kW (rpm)	2,9 / 2,1 (9000)
MAX TORQUE	Nm (rpm)	2,35 (6500)
IGNITION SYSTEM		
TYPE		Electronic
COIL		Electronic control with variable ignition
DECOMPRESSOR		Yes
ICE DEVICE SYSTEM		Yes
COOLING AIR INLET AREA	cm ²	50
FLYWHEEL DIAMETER	mm	100
FUEL AND LUBRIFICATION SYSTEM		
CARBURETOR		WALBRO WT 780
FUEL TANK CAPACITY	l	0,36
AIR FILTER		Nylon
PRIMER		Yes
HALF THROTTLE		Yes
OIL PUMP		Aluminium, adjustable
OIL TANK VOLUME	l	0,28
CUTTING SYSTEM		
CHAÎN TENSIONER		Lateral
BAR LENGTH	" (cm)	16-18 (41-46) microlite
CHAIN PITCH	"	0,325
THICKNESS	" (mm)	0,050 (1,3)
CLUTCH SHOES		3
PINION TEETH (N°)		7
CHAIN BRAKE		Inertial
ERGONOMICS - HOMOLOGATIONS		
ANTIVIBRATION SYSTEM		N°3 spring + N°2 rubber absorbers
ON/OFF - STARTER CONTROL TOGETHER	m/s ²	Yes
WEIGHT (Without cutters and bar)	kg	4,3
WEIGHT POWER RATIO	kg/kW	2,04
SERVICE ACCESS		
MUFFLER (SERVICEABLE)		Yes
STARTER GROUP		N° 4 Screw
AIR FILTER		QUICK (no tool)
SPARK PLUG		QUICK (no tool)



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