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SUBJECT	HC 260 XP, HC 275 XP

NEW PROFESSIONAL HEDGETRIMMERS HC 260 XP - HC 275 XP



Mod. HC 275 XP

New professional hedgetrimmers designed to meet the needs of demanding home gardeners and professional users involved in the maintenance of large, densely packed hedges.

The superb quality of the blades system makes for perfect results every time, protecting the health of the plant and allowing robust future growth.

The attention to detail and professional solutions incorporated on these tools (professional high quality blades, diecast cylinder, forged crankshaft, piston with 2 rings, electronic coil) make them ideal for those who need to work quickly with a totally reliable machine that delivers high quality results constantly through time.

Top performance levels in the category, with a special focus on operator comfort. The sophisticated vibration damping system assures complete isolation of the operator's body, while the remarkably low weight and the ergonomic handles make it possible to exploit the full power of the machine with minimal physical effort.

- ADVANTAGES -

1 - PERFORMANCE

- **25.4 cm³ 1.2 HP (0.9 kW) 2-stroke engine** complying with Euro 1 standards, featuring generous torque output with a linear power curve even at low revs.
- Diecast **cylinder with chromium plating, forged connecting rod and crankshaft** (fig. 1): make for an extremely rugged long-lasting engine.
- **Piston with 2 rings** (fig. 1): constant efficiency assured over time, even in conditions of prolonged operation.
- **Digital coil with speed limiter** (fig. 2a): allows constant engine control at all operating speeds. Variable ignition advance facilitates starting and, by optimizing combustion, makes for a reduction in fuel consumption and polluting emission levels.
- **Aluminium gearbox** (fig. 3a),
• **drive train with pinion mounted on bearings** (fig. 3b)
• and **connecting rod with roller bearings** (fig. 4)
low noise operation, reduced vibration, longer life.
- **High quality steel blades** with end cutting edges to ensure clean and accurate cutting action that safeguards the health of the hedge.
- **Adjustable blades** which adapt to all gardens, even resinous plants: optimum performance even with blunt blades.

Fig. 1



Fig. 2

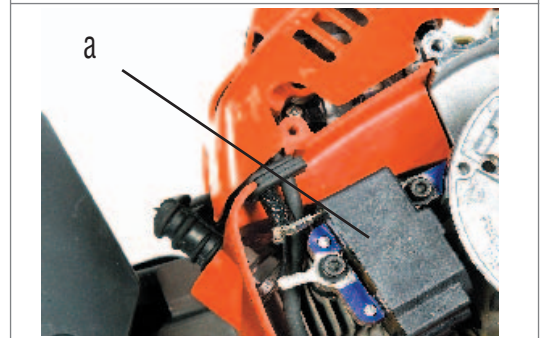


Fig. 3

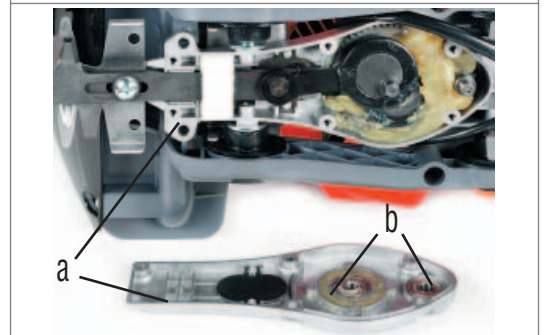


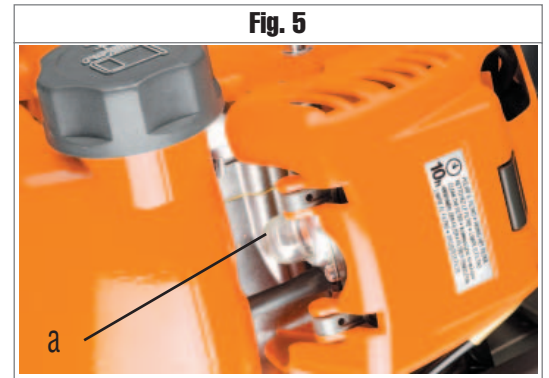
Fig. 4



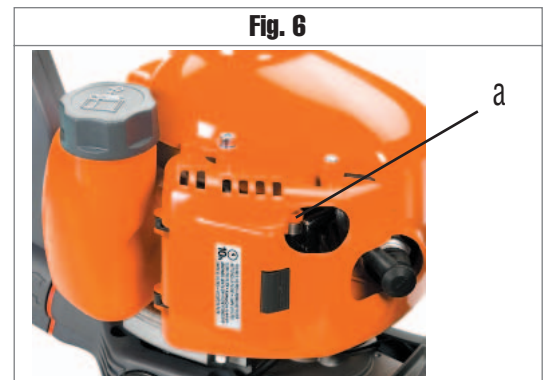
- ADVANTAGES -

2 - EASY TO USE

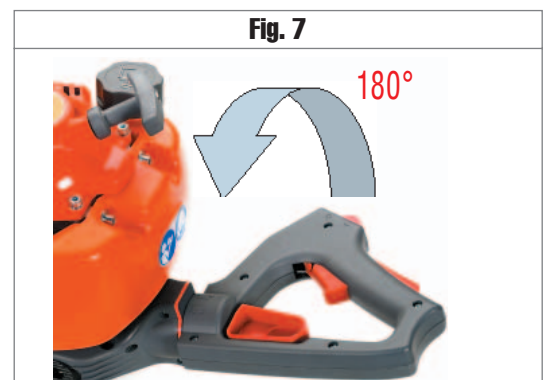
- **“Primer”** (fig. 5a): fuel mixture is drawn actively into the carburettor to facilitate starting.



- **“Lift starter”** (fig. 6a): an engine starting system that automatically inhibits the choke when the throttle is opened fully, thereby eliminating the risk of flooding the carburettor.



- **Handle rotatable through 180°** (90° clockwise and 90° counter-clockwise) (fig. 7) with 5 intermediate positions for the maximum versatility of use, also making it possible to work immediately up against a wall.



- **Sliding switch** (fig. 8a) to prevent inadvertent stopping of the engine.



- ADVANTAGES -

3 - EASY TO MAINTAIN

- Snap-fit filter cover (fig. 9a) enables easy servicing (no tools required).

Fig. 9



- Periodic replenishment of gearbox grease is performed easily by means of the specific grease nipple (fig. 10a).

Fig. 10



- Clearly visible and easily accessible spark plug (fig. 11).

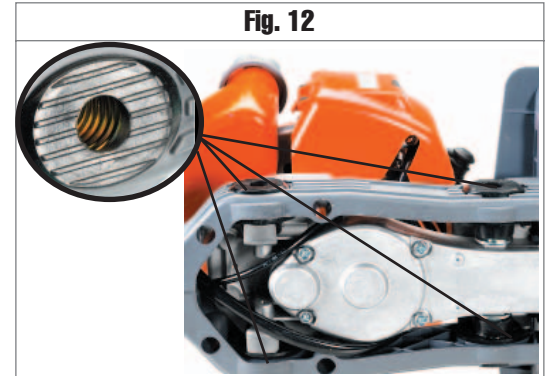
Fig. 11



- ADVANTAGES -

4 – COMFORT

- **Vibration damping system** composed of **springs** and **rubber mounts** (fig. 12): completely isolates the handles from the rest of the tool for the maximum user comfort, even after prolonged use.



- **Ergonomic handles** guarantee unfailingly secure grip.

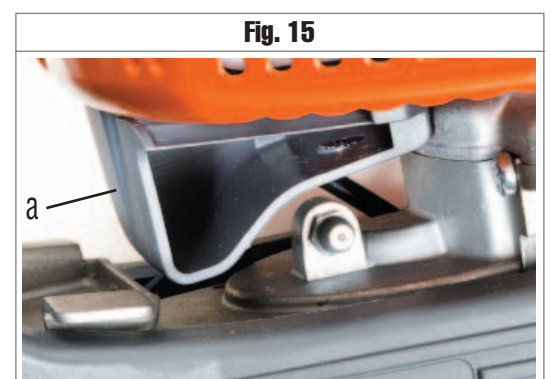


- **Simple** and **intuitive controls** all within easy reach (on/off switch, throttle trigger and angle adjustment)(fig. 13).

- The **optimum weight distribution** and efficiency of the antivibration system ensure comfort and easy handling in all working conditions (fig. 14).



- A **deflector** (fig.15a) routes the air flow of the cooling circuit towards the exhaust system so that heat and exhaust gas are dispersed well away from the operator.



- TECHNICAL SPECIFICATIONS -

HEDGETRIMMERS	HC 275 XP	HC 260 XP
ENGINE		
TYPE		2 stroke EMAK
DISPLACEMENT	cm ³	25.4
BORE x STROKE	mm x mm	34 X 28
PISTON RINGS		2
MAXIMUM POWER OUTPUT	HP/kW (rpm)	1.2 / 0.9 (7500)
MAXIMUM TORQUE	Nm (rpm)	1.2 (6000)
IDLING SPEED	rpm	2800
MAXIMUM NO LOAD SPEED	rpm	10500
HOURLY FUEL CONSUMPTION (at max power output)	g/h (rpm)	465 (7500)
IGNITION SYSTEM		
TYPE		Capacitive electronic
COIL		Digital coil with speed limiter
SPARK PLUG		CHAMPION RCJ6Y
LIFT STARTER		Yes
FUEL & LUBRICATION SYSTEM		
AIR FILTER		Sponge
CARBURETTOR		WALBRO WYJ 442
FUEL		Mix 4% (25:1) - with oil PROSINT 2% (50:1)
FUEL TANK CAPACITY	l	0.6
PRIMER		YES
TRANSMISSION SYSTEM		
REDUCTION		Geared
REDUCTION RATIO		0.245
N° CICLES PER MINUTE	a 7500 rpm	1840
CLUTCH		Centrifugal
SAFETY		
SOUND PRESSURE (LpA av EN11806 - ISO 7917)	dB(A)	95
SOUND POWER (LwA EN ISO 3744 - ISO 10884)	dB(A)	105
VIBRATION LEVEL (ISO 7916)	m/s ²	front handle 6.0 rear handle 7.8
ERGONOMICS		
FRONT HANDLE		Centered, with see through guard.
REAR HANDLE		Ergonomic, full rotation with integrated controls
ANTI-VIBRATION SYSTEM		4 springs
CUTTING SYSTEM		
N° BLADE		2
BLADE LENGHT	mm	750 600
BLADE PITCH	mm	35
WEIGHT	kg	5.5 5.3
POWER-TO-WEIGHT RATIO	kg/kw	6.1 5.9