

Product Information

Language	INGLESE
Nr.	186
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Subject	HC 265 XP - HC 280 XP - HCS 280 XP



our **power**, your **passion**

NEW PROFESSIONAL HEDGETRIMMERS HC 265 XP - HC 280 XP - HCS 280 XP



Mod. HC 265 XP



Mod. HC 280 XP



Mod. HCS 280 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 blade system makes for perfect results every time, protecting the health of the plant and allowing robust future growth.

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

Best-in-class performance, with a special focus on operator comfort.

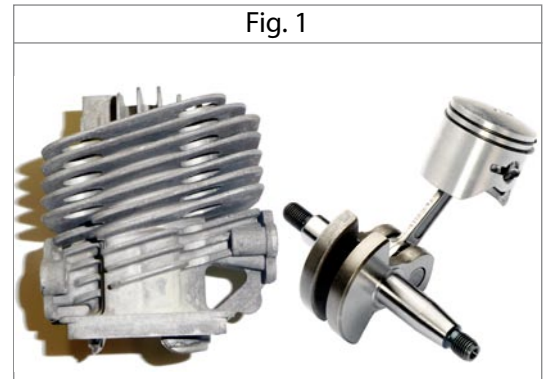
The sophisticated anti-vibration system, offering complete isolation of the operator's body, and the ergonomic handles make it possible to exploit the full power of the machine with minimal physical effort.

PERFORMANCE AND ENGINEERING SOLUTIONS

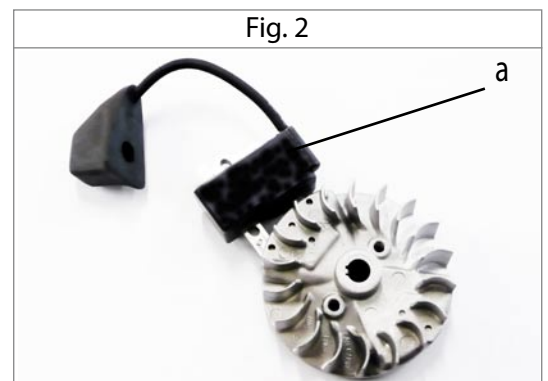
- **22 cm³ 1 HP (0.75 kW) Emak 2-stroke engine** complying with Euro 1 standards, featuring generous torque output with a linear power curve even at low revs.

- **Diecast cylinder with chromium plating**, forged connecting rod and crankshaft (Fig. 1): make for an extremely rugged long-lasting engine.

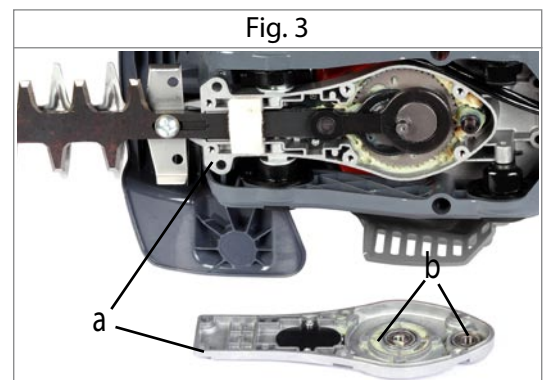
- **Piston with 2 rings** (Fig. 1): constant efficiency assured over time, even in conditions of prolonged operation.



- **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.

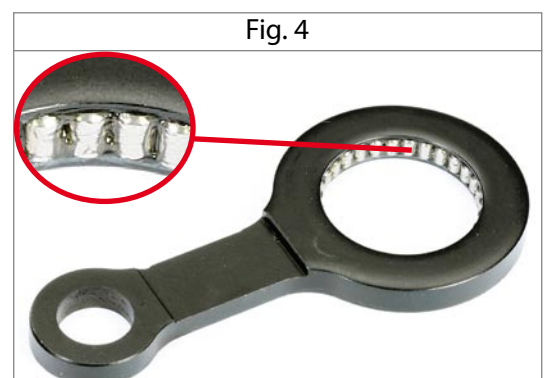


- **Aluminium gearbox** (Fig. 3a),
- **drive train with pinion mounted on bearings** (Fig. 3b)
- and **connecting rod with roller bearings** (Fig. 4), low noise operation, reduced vibration, longer life.



- **High quality steel blades** with end cutting edges to ensure clean and accurate cutting action that safeguards the health of the hedge.

- **Adjustable blades** that adapt to all types of vegetation, including those with high resin content. Guarantee an optimal cut even when dull.



EASE OF USE

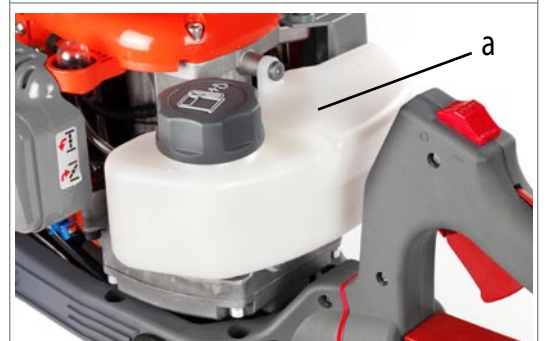
- **“Primer”** (Fig. 5a): fuel mixture is drawn actively into the carburettor to facilitate starting.

Fig. 5



- **Transparent fuel tank** (Fig. 6a) for instant fuel level monitoring.

Fig. 6



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

Fig. 7



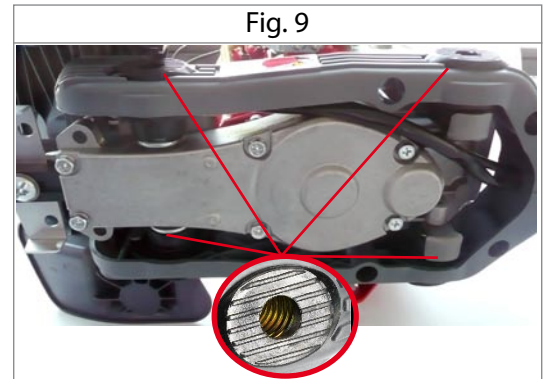
- **Sliding switch** (Fig. 8a) to prevent inadvertent stopping of the engine.

Fig. 8



COMFORT

- **Antivibration system** composed of springs and rubber mounts (Fig. 9): 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. 10).

- The optimum **weight distribution** and **efficiency** of the **antivibration system** ensure comfort and easy handling in all working conditions (Fig. 11).



- The **deflector** (Fig. 12a), channels exhaust gases towards the blades, preventing contact with the operator regardless of the working position.



EASE OF MAINTENANCE

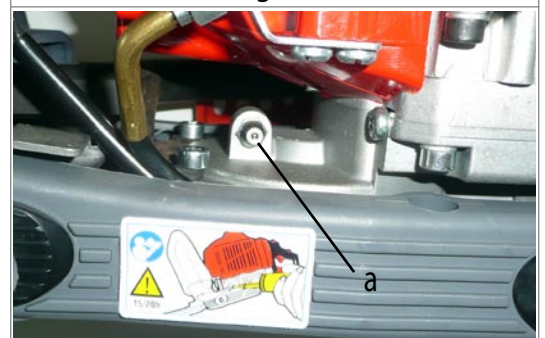
- **Snap-fit filter cover** (Fig. 13a) enables easy servicing (no tools required).

Fig. 13



- Periodic **replenishment of gearbox grease** is performed easily by means of the specific grease nipple (Fig. 14a).

Fig. 14



- The **spark plug** is **clearly exposed** and **easily accessible** (Fig. 15).

Fig. 15



- **Double foam + cloth air filter** increases filtering efficiency and is simple and quick to clean, ensuring more hours of running time between maintenance stops (Fig. 16).

Fig. 16



TECHNICAL SPECIFICATIONS

MODEL	HCS 2800 XP		HC 2800 XP	HC 2650 XP
ENGINE				
TYPE		Emak 2-stroke (EURO 2 / EPA 2)		
DISPLACEMENT	cm ³	21,7		
BORE x STROKE	mm x mm	32 x 27		
N° PISTON RINGS		2		
MAXIMUM POWER OUTPUT	HP/kW (rpm)	1/ 0,75 (8000)		
MAXIMUM TORQUE	Nm (rpm)	0,9 (6500)		
IDLING SPEED	rpm	2800		
MAXIMUM NO LOAD SPEED (with utensil)	rpm	10500		
HOURLY FUEL CONSUMPTION (at max power output)	g/h (rpm)	450 (8000)		
IGNITION SYSTEM				
TYPE		Digital electronic with limiter 10500 rpm		
SPARK PLUG		CHAMPION CMRH7		
FUEL & LUBRICATION SYSTEM				
CARBURETTOR		Walbro WT 1019		
FUEL		Mix 4% (25:1) - con olio PROSINT 2% (50:1)		
FUEL TANK CAPACITY	l	0,3		
AIR FILTER		Double foam + cloth		
PRIMER		Yes		
TRANSMISSION SYSTEM				
LINKAGE ASSEMBLY (REDUCTION RATIO)		0,245		
CLUTCH		Centrifugal (engaging at 4100 rpm)		
SAFETY				
SOUND PRESSURE (LpA EN ISO 11680-1)	dB(A)	95		
SOUND POWER (LwA EN ISO 11680-1)	dB(A)	102		
VIBRATION LEVEL (EN ISO 11680-1)	m/s ²	front handle 6.0 - rear handle 7.8		
ERGONOMICS				
FRONT HANDLE		Loop		
REAR HANDLE		Handle rotatable through 180°		
ANTI-VIBRATION SYSTEM		Springs and rubber mounts		
CUTTING SYSTEM				
BLADE LENGTH	mm	750		600
BLADE PITCH	mm	35		
TYPE TEST APPROVALS				
WEIGHT	kg	5,1	5,4	5,2
POWER-TO-WEIGHT RATIO	kg/kW	6,8	7,2	6,9



It's an Emak S.p.A. trademark Member of the Yama Group
Via E. Fermi, 4 • 42011 Bagnolo in Piano (Reggio Emilia) Italy
Tel. +39 0522 956611 • Fax +39 0522 951555
venditeitalia@oleomac.it • www.oleomac.it

