

Product Information

Language	INGLESE
Nr.	143
Date	01/2009
Subject	PP 270 - PPX 270



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



NEW POLE PRUNER PP 270 - PPX 270



Mod. PP 270



Mod. PPX 270

TELESCOPIC POLE	CUTTING TOOL ADJUSTABLE
<p>PPX 270</p> 	 <p>5 POSITION</p>

The new professional pole pruners for pruning and thinning out of all types of trees (olive and fruit trees) are designed to offer the optimum combination of high performance, reliability, comfort and safety.

The pole pruners are available in the following versions:

- POLE PRUNER PP 270 (with fixed pole) designed for work on medium height trees (up to 3.5 m) such as olive and fruit trees.
- TELESCOPIC POLE PRUNER PPX 270 with adjustable telescopic pole. Ensures excellent results also on trees of more than 5 m in height without the use of ladders, mechanical systems or other lifting devices.

Both models are equipped with an innovative and unique cutting tool that allows easy adjustment in 5 different positions, thereby optimising pruning operations.

PERFORMANCE AND EASE OF USE

- **Simple pruner fixing system** allows adjustment in 5 different cutting positions (from 0° to 90°) to guarantee **maximum visibility** of the cutting area so that work can be performed with total precision (fig.1).
- **Pole diameters of 26 and 38 mm**, respectively for the fixed and telescopic versions, ensure **perfect orientation** of the tool for accurate pruning without damaging the tree.
- **In the telescopic version the pole can be extended by 1.2 m (from 1.95 to 3.12 m)** to reach positions of up to 5 m in height from the ground.
- **Fixing and adjustment rings**: no need for tools to lock the telescopic pole. Adjustment facilitated by internal steel springs (fig.2).
- **Capacitive type** electronic ignition: guaranteed high performance, easy starting and long working lifetime.
- **Professional 2-stroke engines** offering high power output in full compliance with stringent **EURO 2 / EPA 2** regulations. The engines feature unparalleled flexibility thanks to their high torque output that remains linear even at low speed. Low specific fuel consumption and an 0.6 litre fuel tank ensure prolonged running time before refuelling. (fig.3)
- **Together with the locking rings**, guided and shielded bearings prevent accidental disengagement on the mobile section of the pole.
- **The chain lubrication oil reservoir** is made of high strength plastic assuring excellent resistance to accidental impact and piercing.
- **"Primer" device** (fig.4): facilitates cold starts, starts after refuelling, and starts after long periods of disuse.

Fig. 1



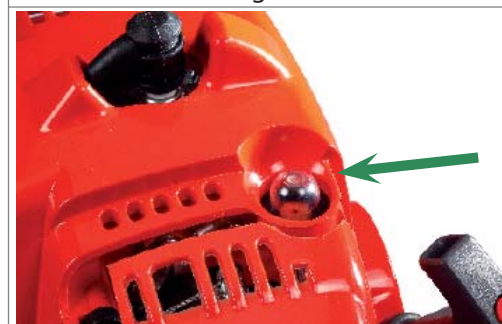
Fig. 2



Fig. 3



Fig. 4



SAFETY AND COMFORT

- **For extended working life** the tool features a high strength aluminium shroud that is ideal for heavy duty working conditions (fig.5).
- **The pole features an external covering** of soft solvent- and oil-resistant rubber to ensure a **secure, safe and slip-proof grip**.
- **Rear grip with all controls within easy reach:** throttle lever, safety lever, start and stop switch (fig.6).
- **Rear handle with throttle lock system** ("A" fig.6) to prevent inadvertent revving.
- **Radical reduction of noise emissions and vibration thanks to:**
 - suspension mounts and self-lubricating bushes in the fixed pole version
 - rolling supports and spring spacers in the telescopic pole version (fig.7)
 - antivibration mount on the engine shroud ("A" fig.5)
- **The compact rounded geometry** of the engine unit and the absence of live edges ensure optimal **handling** in all working conditions, reducing contact with the operator to the minimum.
- **The oil level** can be checked easily thanks to the use of **translucent plastic** for the oil reservoir ("A" fig.8).
- **Chip expulsion** is facilitated by the wide discharge chute at the guide bar attachment point ("B" fig.8)
- **The balanced weight** of the tool together with the harness supplied as part of the standard equipment ensure **excellent manoeuvrability** and control, even when working on slippery and difficult terrain, including slopes and ditches.

Fig. 5



Fig. 6

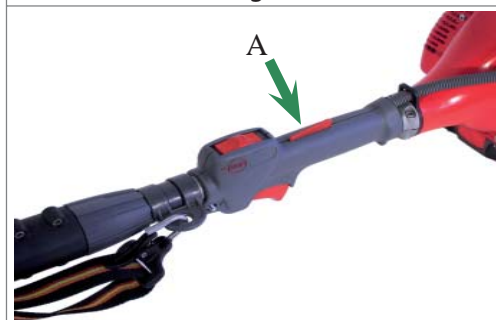


Fig. 7

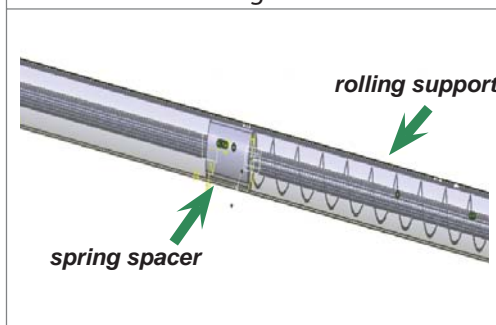
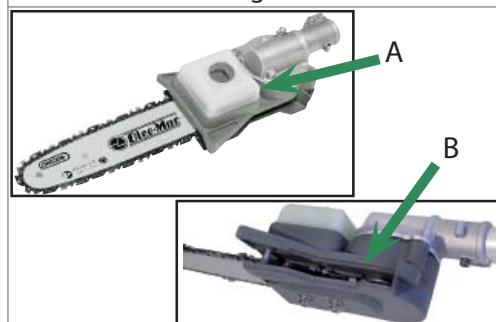


Fig. 8



TECHNICAL DATA

MODEL		PPX 270 Telescopic	PP 270
ENGINE			
TYPE		2 stroke <i>Emak</i> (EURO 2 / EPA 2)	
DISPLACEMENT	cm³	27	
BORE x STROKE	mm x mm	34 x 30	
MAX POWER	HP/kW (rpm)	1,3/1 (7500)	
MAX TORQUE	Nm (rpm)	1,25 (6000)	
IDLE RPM	rpm	2800	
MAX RPM AT NO LOAD	rpm	12000	
FUEL CONSUMPTION (max power)	g/h (rpm)	500 (7500)	
IGNITION SYSTEM			
TYPE		Digital	
SPARK PLUG		NGK CMR 7A	
FUEL AND LUBRICATION SYSTEM			
CARBURETTOR		Walbro WT 930	
FUEL		Mix 4% (25:1) - with <i>Efco</i> PROSINT 2% (50:1)	
FUEL TANK CAPACITY	l	0,60	
AIR FILTER		Paper	
PRIMER		Yes	
TRANSMISSION SYSTEM			
DRIVE SHAFT (Ø)	mm	Keyed alluminium	Solid steel Ø7
OVERALL LENGHT MACHINE	m	from 2,6 to 3,8	2,3
BEVEL GEAR PAIR (TRANSMISSION RATIO)		1.375 : 1	
CLUTCH		Centrifugal (4100 rpm clutch engagement)	
SAFETY			
NOISE PRESSURE (LpA av EN11806 - ISO 7917)	dB(A)	90,5 (max/min extension)	
NOISE POWER (LwA EN ISO 3744 - ISO 10884)	dB(A)	105 (max/min extension)	
VIBRATION LEVEL (ISO 7916)	m/s²	5,2 / 6,0 (sx / dx)	
ERGONOMICS			
FRONT HANDLE		Rubber	
REAR HANDLE		Standard with safety device	
ANTI-VIBRATION SYSTEM		AV mounts on engine and transmission	
CUTTING SYSTEM			
BAR LENGHT	mm (inch)	254 (10")	
CHAIN PITCH	inch	3/8"	
CHAIN THICKNESS	mm	1,1	
OIL TANK VOLUME	l	0,18	
OIL PUMP		Piston type (adjustable)	
PINION TEETH (N°)		6	
HOMOLOGATIONS			
		89/392/CEE	
WEIGHT (Without cutters and guard)	kg	7,4	5,9
WEIGHT POWER RATIO	kg/kW	7,4	5,9



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
 info@myoleomac.com • www.myoleomac.com