

# Product Information

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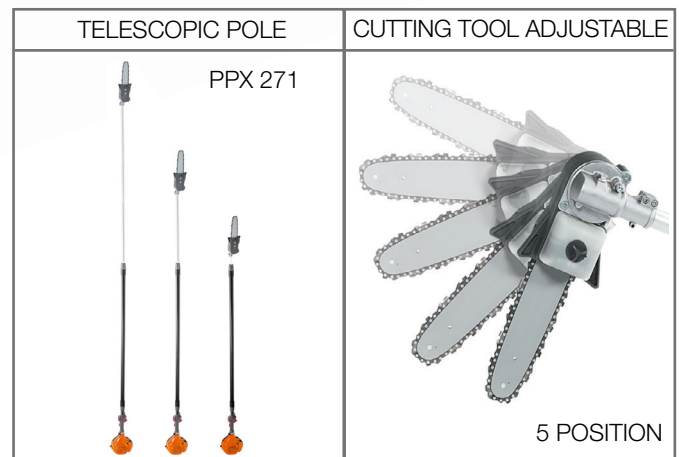


our power, your passion

## NEW POLE PRUNER PPX 271



Mod. PPX 271



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

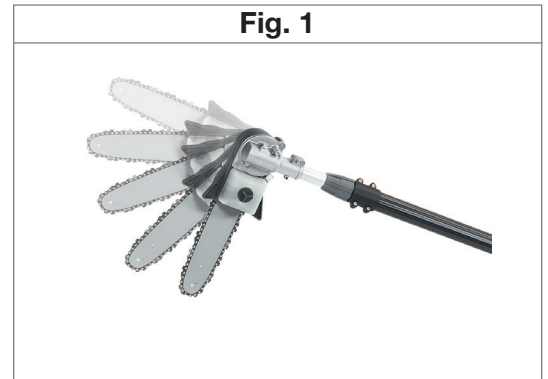
With adjustable telescopic pole, ensures excellent results even on trees of 5 m in height without the use of ladders, mechanical systems or other lifting devices.

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

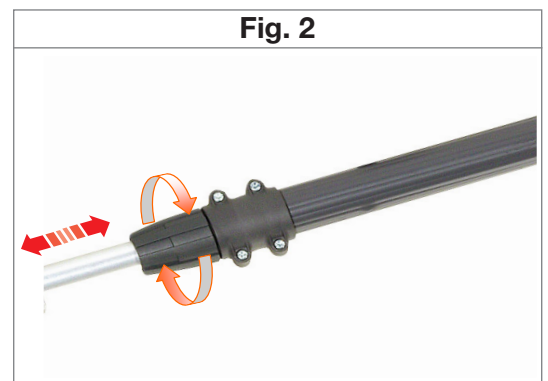
- **Reliable:** the ruggedness of the engine ensures high efficiency and constant quality at all times.
- **Lightweight:** easy to handle and guaranteeing lasting efficiency,
- **Simple:** easy starting, operation and maintenance
- **Comfortable:** equipped with antivibration system and ergonomic handle with soft covering and controls easily reached with just one hand, including the on/off switch (always on).

## 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).



- **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).

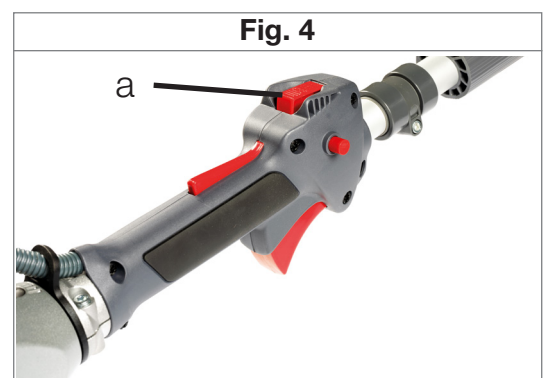


- **27 cm<sup>3</sup> 1.3 HP (1 kW)**, in compliance with regulations (Euro 2), compatible with alkyl petrol and featuring a high linear torque curve even at low revs.



- **Piston with 2 rings, diecast cylinder** with Nickel plating, forged con rod and crankshaft (Fig. 3): guaranteeing an extremely rugged and durable engine.

- **The on/off switch** (Fig. 4) returns automatically to the “on” position after each stop (always on).



## SAFETY AND COMFORT

- **Air purge primer** (Fig. 5a) visible on the engine cover ensures easier access and operation.
- **Transparent fuel tank** (Fig. 5b) for instant view of the quantity of fuel remaining.
- **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

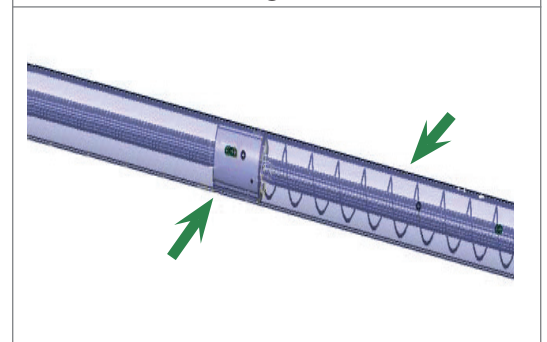
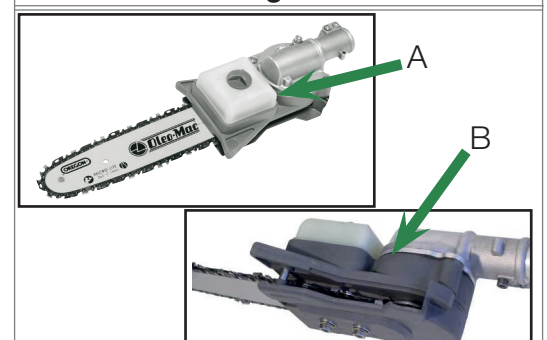


Fig. 7



# TECHNICAL SPECIFICATIONS

MODEL		PPX 271 Telescopic
<b>ENGINE</b>		
TYPE		Emak 2-stroke / EURO 2 (with Catalyst)
DISPLACEMENT	cm <sup>3</sup>	27
BORE x STROKE	mm x mm	34 x 30
MAXIMUM POWER OUTPUT	HP/kW (rpm)	1,3 / 1 (7500)
MAXIMUM TORQUE	Nm (rpm)	1,2 (6000)
IDLING SPEED	rpm	2800
MAXIMUM NO LOAD SPEED	rpm	12000
HOURLY FUEL CONSUMPTION (at max power output)	g/h (rpm)	500 (7500)
<b>IGNITION SYSTEM</b>		
TYPE		Digital
COIL		Walbro
SPARK PLUG		CMR7A
<b>SISTEMA DI ALIMENTAZIONE E LUBRIFICAZIONE</b>		
CARBURATORE A membrana		Walbro
CAPACITÀ SERBATOIO CARBURANTE	l	0,6
FILTRO ARIA		Paper + anti-backflow element
PRIMER		Yes
<b>TRANSMISSION SYSTEM</b>		
DRIVE SHAFT ( Ø )	mm	Keyed alluminium
OVERALL LENGHT MACHINE	m	from 2,6 to 3,8
BEVEL GEAR PAIR		1.375 : 1
CLUTCH (DIMENSION)	mm	2 elements with FERODO PADS (75 x 18)
<b>SAFETY</b>		
NOISE PRESSURE (LpA EN 11680-1 - EN 22868)	dB(A)	97,0 (max/min extension)
NOISE POWER (LwA EN ISO 3744 - EN 22868)	dB(A)	111 (max/min extension)
VIBRATION LEVEL (EN 11680-1 - EN 22867 - EN 12096)	m/s <sup>2</sup>	4,2 / 5,9 (sx / dx)
<b>ERGONOMICS</b>		
FRONT HANDLE		Rubber
REAR HANDLE		Standard with safety device
ANTI-VIBRATION SYSTEM		AV mounts on engine and transmission
<b>CUTTING SYSTEM</b>		
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
<b>HOMOLOGATIONS</b>		
		89/392/CEE
<b>WEIGHT (Without cutters and guard)</b>	kg	7,9
<b>WEIGHT POWER RATIO</b>	kg/kW	7,9



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