

Product Information

Language	INGLESE
Nr.	245
Date	9/2015
Subject	BC 270 S-T / BC 300 S-T



our power, your passion

NEW BRUSHCUTTERS / TRIMMERS – BC 270 S / T - BC 300 S/T



Mod. BC 270 S -T



Mod. BC 300 S -T

Oleomac presents the new **BC 270 S/T** and **BC 300 S/T** universal brushcutters for intensive home use, designed for tidying up gardens and flower beds, and clearing overgrown areas of medium size: a response to the call from demanding users for performance and comfort during use of the machine.

Utilising the technology of professional machines, these brushcutters combine an unfailingly high and steady work rate with simplicity of use and notable operating economy. And all with maximum care for the environment.

- **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 ENGINEERING

- **27 cm³ 1.3 HP (1 kW) - 30 cm³ 1.5 HP (1,1 kW) 2-stroke engines**, in compliance with regulations (Euro 2), compatible with alkyl petrol and featuring a high linear torque curve even at low revs.

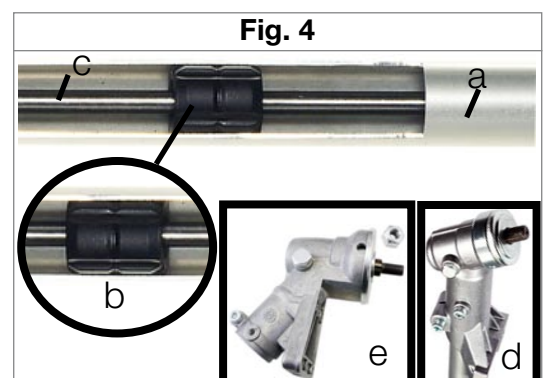
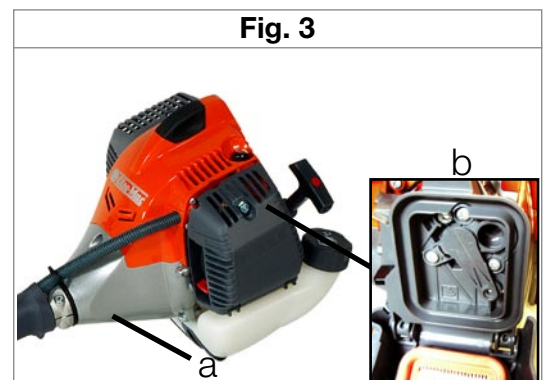
- **Piston with 2 rings, diecast cylinder** with Nickel plating, forged con rod and crankshaft (Fig. 1): guaranteeing an extremely rugged and durable engine.

- **Digital coil with electronic control** (Fig. 2) and revs limiter: for easier starting, improved performance thanks to uniform combustion, and reduced fuel consumption.

- **Aluminium cover and clutch support** (Fig. 3): optimised and reduced weight of the tool while imparting high strength and lasting reliability.

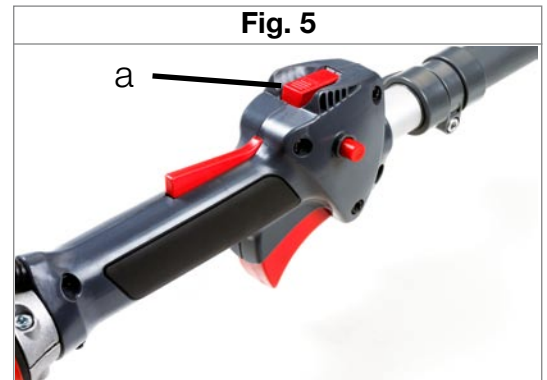
- BC 270 S/T: **Ø 26 mm aluminium drive tube** (Fig. 4a), with 7 self-lubricating antivibration bearings (Fig. 4b), **7 mm internal rigid shaft** (Fig. 4c) and **aluminium bevel gear pair with M 10 male drive pin** (Fig. 4d), for unimpeded power transmission.

- BC 300 S/T: **Ø 26 mm aluminium drive tube** (Fig. 4a), with 7 self-lubricating antivibration bearings (Fig. 4b), **7 mm internal rigid shaft** (Fig. 4c) and **REINFORCED aluminium bevel gear pair with M 10 male drive pin** (Fig. 4d), for unimpeded power transmission.



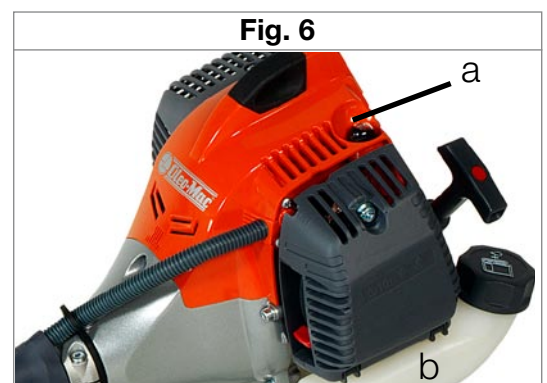
OPERATOR DESIGN FEATURES

- **The on/off switch** (Fig. 5a) returns automatically to the “on” position after each stop (always on).



- **Air purge primer** (Fig. 6a) visible on the engine cover ensures easier access and operation.

- **Transparent fuel tank** (Fig. 6b) for instant view of the quantity of fuel remaining.



- **Innovative 130 mm Ø “LOAD & GO”** line head (Fig. 7): for straightforward line replacement - just 20 seconds to rewind the line and resume work.



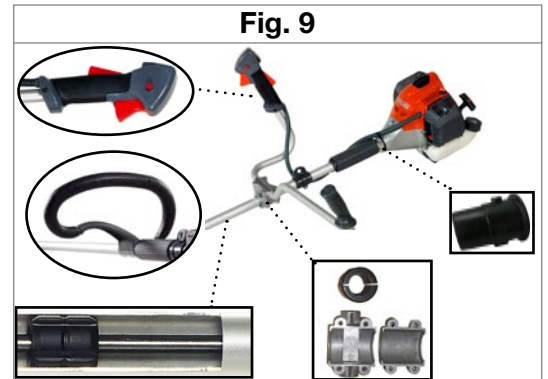
- Several **optional accessories** are available for the various versions (identified by the outer diameter of the shaft arm) to allow different kinds of uses, according to the particular application (Fig. 8).

Fig. 8

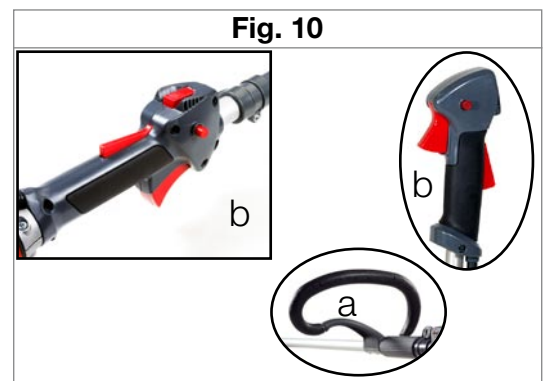
OLEOMAC	EP 100	EP 120	EH 25	EH 50
BC 270 S	○	○	○	○
BC 270 T	○	○	○	○
BC 300 S	○	○	○	○
BC 300 T	○	○	○	○

COMFORT

- **Built-in antivibration system:** greatly reduced vibrations felt by the operator during use of the tool (Fig. 9).

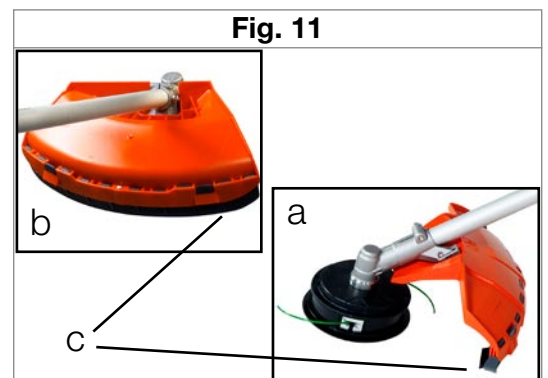


- **Ergonomic loop and handles:** clad in soft rubber (Fig. 10a-b) offer an anatomic and comfortable grip of the tool in all operating conditions.

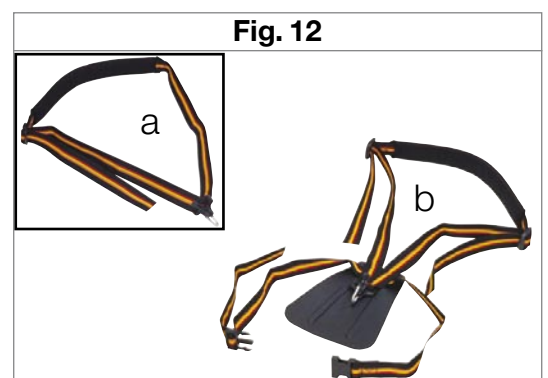


- **150 mm drive tube:** the operator is always able to maintain an erect posture.

- **New stone guards** (a=BC 270 S/T - b=BC 300 S/T) for efficient protection against projected debris. In addition, simply removing the skirt with line cutter knife (Fig. 11c) makes the line head suitable for use with a metal blade.



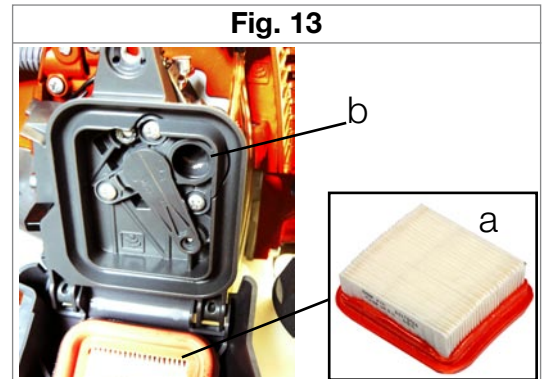
- **Harness,** supplied as standard (Fig. 12a S version), (Fig. 12b T version) is easy to adjust and imparts greater freedom of movement allowing improved weight distribution in accordance with the operator's stature.



EASE OF MAINTENANCE

- **Generously sized paper air filter:** guarantees high filtration efficiency and easy maintenance (Fig. 13a).

- **Filter support (Emak patent)** with **anti-backflow element** (Fig. 13b), (prevents the filter from becoming fouled by fuel) for longer operation between filter maintenance procedures.



- **Filter cover accessible with tools** by means of specific knob (Fig. 14a): facilitates air filter inspection and cleaning.



- **Silencer protection** (Fig. 15a) **separate** from the engine cover, removable by means of 3 screws: provides rapid access in the case of maintenance.



- All **screws** are of the **TORX head type**, to allow the use of a single tool for most maintenance procedures (Fig. 16).





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TECHNICAL SPECIFICATIONS

MODEL	BC 270 S	BC 270 T	BC 300 S	BC 300 T	
ENGINE					
TYPE		Emak 2-stroke / EURO 2 (with Catalyst)			
DISPLACEMENT	cm ³	27		30	
BORE x STROKE	mm x mm	38 x 32		36 x 30	
MAXIMUM POWER OUTPUT	HP/kW (rpm)	1,3 / 1 (7500)		1,5 / 1,1 (7500)	
MAXIMUM TORQUE	Nm (rpm)	1,2 (6000)		1,4 (6000)	
IDLING SPEED	rpm	2800			
MAXIMUM NO LOAD SPEED	rpm	12000			
HOURLY FUEL CONSUMPTION (at max power output)	g/h (rpm)	500 (7500)			
IGNITION SYSTEM					
TYPE		Digital			
COIL		Walbro			
SPARK PLUG		CMR7A			
SISTEMA DI ALIMENTAZIONE E LUBRIFICAZIONE					
CARBURATORE A membrana		Walbro			
CAPACITÀ SERBATOIO CARBURANTE	l	0,6			
FILTRO ARIA		Paper + anti-backflow element			
PRIMER		Yes			
TRANSMISSION SYSTEM					
DRIVE SHAFT (Ø) "Outer / Inner"	mm	26 (with steel shaft Ø 7 mm)			
ROD LENGTH	mm	1556			
BEVEL GEAR PAIR		with M10 male thread			
CLUTCH (DIMENSION)	mm	2 elements with FERODO PADS (75 x 18)			
SAFETY					
SOUND PRESSURE (LpA EN ISO 11806 - EN 22868)	dB(A)	with disc 93,5		with disc 94,3	
		with nylon head 96,5		with nylon head 97,7	
SOUND POWER (LwA 2000/14/EC - EN 22868 - EN ISO 3744)	dB(A)	with disc 107		with disc 108	
		with nylon head 114		with nylon head 114	
VIBRATION LEVEL (EN 11806 - EN 22868 - EN 12096)	m/s ²	with disc 5,9 SX - 5,9 DX	with disc 3,1 SX - 4,5 DX	with disc 5,1 SX - 4,5 DX	with disc 3,1 SX - 4,5 DX
		with nylon head 6,9 SX - 5,4 DX	with nylon head 4,6 SX - 4,8 DX	with nylon head 6,3 SX - 5,4 DX	with nylon head 4,6 SX - 4,8 DX
ERGONOMICS					
HARNESS		Single	Double	Single	Double
FRONT HANDLE		ERGONOMIC Loop	ERGONOMIC Handlebar	ERGONOMIC Loop	ERGONOMIC Handlebar
REAR HANDLE		Standard with throttle trigger lockout	Ergonomic with moulded rubber grips	Standard with throttle trigger lockout	Ergonomic with moulded rubber grips
ON / OFF SWITCH		A button (always on)			
ANTI-VIBRATION SYSTEM		7 self lubricating brass and rubber bushings in drive shaft. + 1 rubber in the clutch housing to shaft.	7 self lubricating brass and rubber bushings in drive shaft. 1 rubber in the clutch housing to shaft. between handle-bar and tube.	7 self lubricating brass and rubber bushings in drive shaft. + 1 rubber in the clutch housing to shaft.	7 self lubricating brass and rubber bushings in drive shaft. 1 rubber in the clutch housing to shaft. between handle-bar and tube.
CUTTING SYSTEM					
STANDARD CUTTING DISC		Steel disc cutter with 3 teeth Ø 10" / 255 mm, thickness 1,8 mm			
STANDARD NYLON STRINGHEAD		Load & Go Ø 130 mm with Ø 3.0 mm nylon line			
CUTTING GUARD - CUTTING WIDTH (with stringhead)	mm	Plastic (390)	Plastic (420)	Plastic (390)	Plastic (420)
WEIGHT (Without cutting tools)	kg	5,7	6	6	6,3
POWER-TO-WEIGHT RATIO	kg / kW	5,7	6	5,5	5,7



It's an **Emak S.p.A.** trademark Member of the Yama Group
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