



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

## Brushcutters BCH 250 S - 250 T

**Oleo-Mac** extends the range with new "H" series lightweight brushcutters, designed to provide the ideal compromise between performance and cost, for home use and for smallholders.

The versions available feature a loop handle (**S**) and handlebars (**T**), and they are characterised by:

- technical solutions similar to those of professional models, including the three-part crankshaft, piston with 2 rings, steel drive shaft with plain bearings and anti-vibration system to guarantee comfortable use.
- High performance to obtain the maximum productivity.
- Cutting precision, to avoid damaging vegetation around the cutting area and to achieve optimal cutting results.
- Easy to use, so that even less expert users can operate the machine adeptly and safely.
- Low fuel consumption and emissions to minimise environmental impact (emissions catalytic converter system to comply with Euro 5 regulations, in force from 2019).

The cutting unit is a new version of the tried and tested "Tap&Go" head by **Oleo-Mac**, with 2.4 mm line.



## Performance and engineering solutions

- 1** — High strength and durability of the engine are assured by:
- 2-ring piston, die-cast nickel-plated cylinder.
  - Forged connecting rod and crankshaft.
  - 3-part crankshaft.

— The high torque at all rotation speeds makes for a clean cut and constant productivity, even with very dense vegetation.



- 2** — Electronically controlled digital coil: easier starting and improved engine performance, guaranteeing constantly uniform combustion and increased fuel economy.



- 3** — Filter cover fastened with 2 easily removable screws for easier maintenance.



- 4** — Large-size paper air filter for greater filtration capacity and a hermetic seal against the ingress of microparticulate thanks to the external gasket.

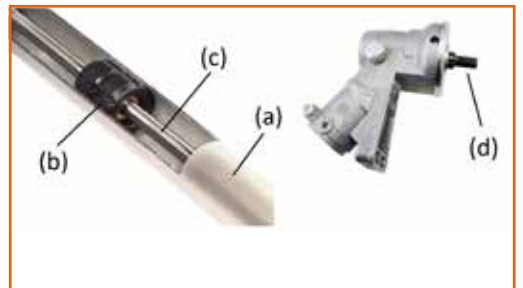


## Performance and engineering solutions

- 5** — Plastic fuel tank guard, sturdy and compact, to protect the tank from damage during use of the tool and transport procedures.



- 6** — To guarantee the maximum power to the line head, the drive is designed with:
- Shaft arm diameter 26mm (a),
  - Drive shaft running in 6 self-lubricating plain bearings (b),
  - Steel drive shaft, diameter 8mm (c),
  - Bevel drive with M10 drive pin (d).



## Ease of use

- 1** — The machine is equipped with Primer and Choke controls for easier starting.



- 2** — Separately removable muffler grille to facilitate maintenance tasks.



- 3** — New Tap&Go line head with line release simply by tapping the central button on the ground.

— Equipped with 2.4 mm line.

— Steel 3-blade disc, 10" – 255mm, thickness 1.8 mm, standard equipment on "T" version.



- 4** — "Easy On" device, composed of a double spring in the starter cover combined with driver with two ratchets, assures reduced effort for each pull and fast starting with fewer rope pulls.



## Comfort

- 1 — The anti-vibration system, composed of a rubber insert on the handlebar and transmission flange, makes it possible to reduce the level of vibration perceived by the operator when using the tool.



- 2 — The single shoulder strap harness is easily adjusted and allows greater freedom of movement for the operator.



MODEL		BCH 250 S	BCH 250 T
<b>ENGINE</b>			
TYPE		EMAK 2-STROKE	
VERSION		EURO 5 (KAT)	
DISPLACEMENT	cm <sup>3</sup>	25.4	
MAXIMUM POWER OUTPUT	HP / kW (rpm)	1.2 / 0.9 (8,000)	
MAXIMUM TORQUE	Nm (rpm)	1.2 (6,000)	
IDLE SPEED	rpm	3,100	
MAXIMUM NO LOAD SPEED	rpm	10,500	
HOURLY FUEL CONSUMPTION (at max power output)	g/h (rpm)	485 (8,000)	
MAXIMUM SPEED OF OUTPUT SHAFT (A)	rpm	8,100	
BEVEL DRIVE (TRANSMISSION RATIO) (B)		0.772	
ENGINE SPEED AT MAXIMUM OUTPUT SHAFT SPEED (A/B)	rpm	10,500	
<b>IGNITION SYSTEM</b>			
SPARK PLUG (MAKE AND TYPE)		Torch L8RTF	
COIL		Digital	
"EASY ON" FACILITATED STARTING		YES	
ALWAYS-ON		NO	
<b>FUEL AND LUBRICATION SYSTEM</b>			
CARBURETTOR		Ruixing H619 D.10.5	
FUEL		4% OIL / PETROL MIXTURE (25:1) – with 2% PROSINT oil (50:1)	
FUEL TANK CAPACITY	l	0.64	
AIR FILTER (TYPE)		Paper element	
PRIMER		Incorporated in carburettor	
<b>VALUES</b>			
SOUND PRESSURE (LpA EN ISO 11806 - EN 22868)	dB(A)	98	with nylon head 98 with disc 94,8
GUARANTEED SOUND POWER (LwA 200/14/EC - EN 22868 EN ISO 3744)	dB(A)	114	with nylon head 114 with disc 100
VIBRATION LEVEL (EN 11806 - EN 22867 - EN 12096)	m/s <sup>2</sup>	5,3 SX - 5,5 DX	with nylon head 3,5 SX - 4,7 DX with disc 2,9 SX -4,6 DX
<b>TRANSMISSION SYSTEM</b>			
DIAMETER OF DRIVE TUBE (SHAFT ARM Ø)	mm	26 (8 mm steel drive shaft)	
SHAFT ARM LENGTH	mm	1,520	
BEVEL DRIVE		With M10 MALE pin	
CLUTCH (DIMENSIONS)	mm	54	
<b>ERGONOMICS</b>			
HARNESS		single	
HANDLE TYPE		Loop	Handlebar
CONTROL HANDLE		Standard with safety lever	Handlebar with safety lever
ANTI-VIBRATION SYSTEM		1 damper on housing + 6 bushings inside drive tube + 1 damper between drive tube and handle	1 damper on housing + 6 bushings inside drive tube + 1 damper between drive tube and handlebars
<b>CUTTING SYSTEM (EQUIPMENT SUPPLIED)</b>			
CUTTING EQUIPMENT		Ø 110mm Tap & Go head with 2.4 mm nylon line	Ø 110mm Tap & Go head with 2.4 mm nylon line Ø 255mm 3-tooth blade
CASING		In plastic	
CUTTING DIAMETER WITH LINE HEAD	mm	410	
DRY WEIGHT (WITHOUT CUTTING TOOLS)	kg	5.8	6.4
POWER-TO-WEIGHT RATIO	kg / kW	6.4	7.1





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