

# Product Information

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

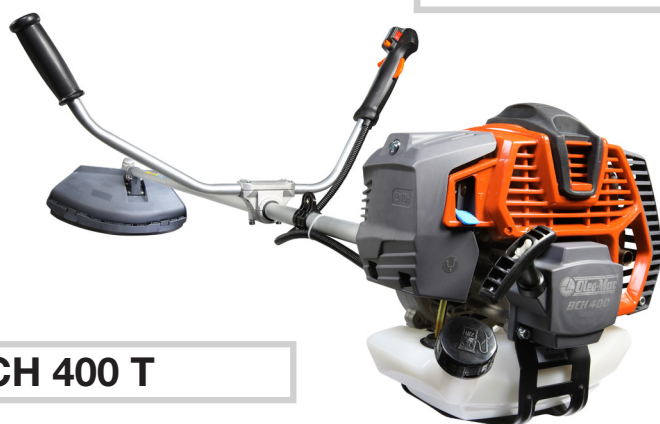
## NEW BRUSHCUTTERS BCH 400



**BCH 400 BP**



**BCH 400 S**



**BCH 400 T**

Oleo-Mac presents the new range of medium-power "H" brush cutters, developed to reach an excellent compromise of performances and costs, and tailored for private and farming use.

These brush cutters are available in loop version (S), handle bar (T) and backpack (BP), all of them equipped with a brand new engine, compliant with the Euro 5 emissions scheme.

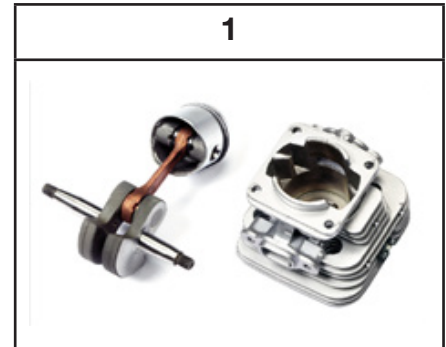
Many technical features of this new machine are similar to those of professional ones, such as crankshaft made of three components, piston with two rings and transmission shaft in stainless steel, running on bearings to prevent vibrations.

The cutting head is a new version of the successful "Tap & Go" by Oleo-Mac, with 2,4mm nylon wire, which can be released by simply tapping the central button on the ground when cutting the grass, thus allowing the operator to continue working.

Besides, the new 40cc "H" brush cutter features a new and modern design, exclusive to Oleo-Mac on the market.

## MAIN FEATURES

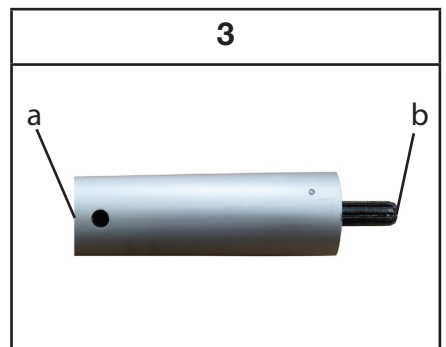
- Primer button and Choke lever, to facilitate the engine start.
- Piston with 2 rings, die cast cylinder with Chrome plating.
- Forged piston rod and crankshaft.
- Crankshaft in 3 components.



- Digital coil with electric control.
- Easy accessible muffler, with dedicated plastic grid.
- Stainless steel muffler, for a longer durability against corrosion.



- $\varnothing$  26 mm aluminium drive tube (a),
- 6 self-lubricating, anti-vibrations bearings,
- $\varnothing$  8 mm internal rigid shaft, stainless steel (b),
- Aluminium bevel gear pair with M 10 male drive pin.

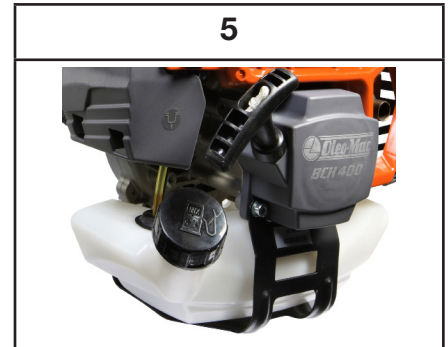


- Anti-vibration system on handle-bar,
- Anti-vibration system on clutch cover.

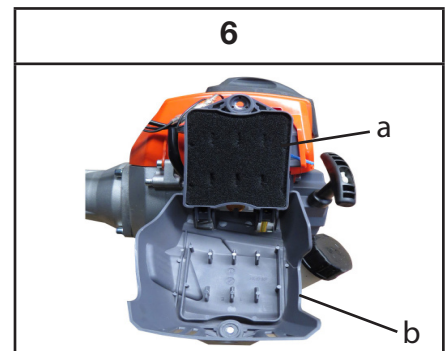


## MAIN FEATURES

- Wide metal tank protection.



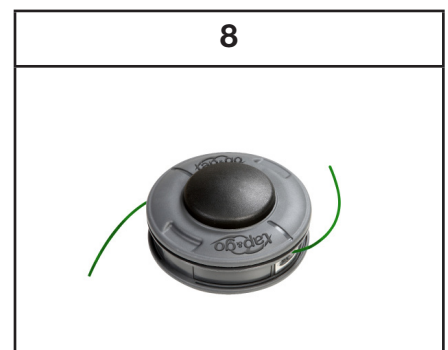
- Sponge filter (a).
- Filter cover with hinges and closing screw (b).



- Double harness, with operator's leg protection (T version).
- Ergonomic backpack, with metal frame and front pocket for tools.



- New "Tap & Go EVO" cutting head, it releases the wire by simply tapping the central button on the soil
- ø 2,4 mm cutting wire.





our power, your passion

MODEL	OM	BCH 400 S	BCH 400 T	BCH 400 BP
ENGINE				
TYPE		EMAK 2-stroke (KAT)		
EURO		EURO 5	EURO 5	EURO 5
DISPLACEMENT	cm³	40.2	40.2	40.2
MAXIMUM POWER OUTPUT	HP / kW (rpm)	2 / 1.5 (8,500)	2 / 1.5 (8,500)	2 / 1.5 (8,500)
MAXIMUM TORQUE	Nm (rpm)	2 (6,000)	2 (6,000)	2 (6,000)
IDLING SPEED	rpm	3,000	3,000	3,000
MAXIMUM NO LOAD SPEED	rpm	10,400	10,400	10,400
HOURLY FUEL CONSUMPTION (at max power output)	g/h (rpm)	900 (8,500)	900 (8,500)	900 (8,500)
MAX SPEED OF THE DRIVE SHAFT (A)	rpm	8,000		
BEVEL PAIR GEAR TRANSMISSION RATIO (B)		0.772		
MAX SPEED OF THE ENGINE (A/B)	rpm	10,400		
IGNITION SYSTEM				
SPARK PLUG				
COIL		Digital	Digital	Digital
EASY-ON STARTER		NO	NO	NO
ALWAYS-ON		NO	NO	NO
FUEL & LUBRICATION SYSTEM				
CARBURETTOR		Ruixing H619-6A-00-15A		
FUEL		Oil/Fuel mix 4% (25:1) - with PROSINT oil 2% (50:1)		
FUEL TANK CAPACITY	l	0.860		
AIR FILTER		Sponge		
PRIMER		Yes, on the carburettor		
SAFETY				
SOUND PRESSUR (LpA EN ISO 11806 - EN 22868)	dB(A)	95.4 (testina)	95.4 (testina)	96.1 (testina)
SOUND POWER (LwA 200/14/EC - EN 22868 - EN ISO 3744)	dB(A)	113 (testina)	113 (testina)	113 (testina)
VIBRATION LEVEL ( EN 11806 - EN 22867 - EN 12096)	m/s²	6.5 SX	4.5 SX	4.6 SX
TRASMISSION SYSTEM				
DRIVE SHAFT ( Ø ) “Outer / Inner”	mm	26 (with steel shaft Ø 8 mm)		
ROD LENGTH	mm	1,520		
BEVEL GEAR PAIR		with M10 male thread		
CLUTCH (DIMENSION)	mm	75		
ERGONOMICS				
HARNESS		Double	Double	
HANDLE TYPE		Loop	Twin	Loop
COMMANDS HANDLE		Standard with throttle trigger lockout	Standard handlebar with throttle trigger lockout	Standard with throttle trigger lockout
BACK PACK				High back, metal frame
ANTI-VIBRATION SYSTEM		1 rubber in the clutch housing to shaft + 6 self lubricating brass and rubber bushings in drive shaft + 1 rubber trasmission / handlebar	1 rubber in the clutch housing to shaft + 6 self lubricating brass and rubber bushings in drive shaft + 1 rubber trasmission / handlebar	3 antivibration rubber mounts on the frame + 6 self lubricating brass and rubber bushings in drive shaft + 1 rubber trasmission / handlebar
CUTTING SYSTEM				
STANDARD NYLON STRINGHEAD		Tap & Go EVO ø 130mm - nylon line 2.4 mm		
CUTTING GUARD		in plastic		
CUTTING WIDTH (with stringhead)	mm	410		
WEIGHT (Without cutting tools)	kg	8.1	8.2	9.9
POWER-TO-WEIGHT RATIO	kg / kW	5.4	5.5	6.6



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