

Product Information

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

NEW STARK 44 BRUSHCUTTER



Mod. STARK 44

The new Stark 44 brushcutter is designed to offer high efficiency and unfaltering quality over time, even in the face of heavy and prolonged use. The new professional 2-stroke engine, aluminium drive shaft (Ø 28 mm) with steel shaft (Ø 8 mm), 6 flexible bushings, 2 teeth disc cutter. The machine incorporates numerous features and is ideal for tough jobs like cutting thick grass, clearing brushwood, and thinning reed beds. Every detail has been designed with care to render brushcutting duties easy and effortless, even for the inexperienced user, the pluses are:

- High performance, for maximum productivity
- Accuracy of cut, avoiding damage to vegetation around the work area and obtaining best possible results
- Total comfort, with muscle fatigue minimized both when starting the machine and during prolonged use. It allows an ergonomically correct posture for the operator
- Ease of use, allowing even comparative novices to operate the equipment ultra-simply and in complete safety.
- Low fuel consumption and low emissions, for minimal environmental impact
- Easy maintenance for quick machine check-up and intervention.

PERFORMANCE AND ENGINEERING SOLUTIONS

- **Professional** 2-stroke **engine** with capacitive electronic ignition: guarantees high performance, easy starting, long life, and compliance with EURO I / EPA I standards.
- **Piston** with **2 rings**, and **nickel-plated cylinder**: constant efficiency assured over time, even in tough operating conditions (Fig 1).
- **0.87** litre **fuel tank capacity**, together with low specific fuel consumption, extends the intervals between refuelling stops (over 1 hour).
- **Cloth air filter** element edged with elastomer: guaranteed more effective, especially in dust-laden environments, and simplifies maintenance (Fig 2).
- **Ø 28 mm transmission** with **8 mm steel shaft** carried in **6 flexible bushings** ensures strong resistance to stresses, reducing vibrations (Fig 3).
- **Flywheel** designed to guarantee smoother operation of engine and better cooling even in adverse weather conditions (high temperatures).
- For extended working life the machine features a high strength **aluminium shroud** (Fig 4), that is ideal for heavy duty working conditions.

Fig. 1



Fig. 2



Fig. 3



Fig. 4



EASE OF USE

- **"Primer"** ensures easy starting from cold, after refuelling, or following lengthy idle periods (Fig 5).

Fig. 5



- **Shaped tube** protects the spark plug from impact and prevents the escape of cooling air, improving its effectiveness (Fig 6).

Fig. 6



- **Handgrip** with **palm-operated** safety switch: ensures the trigger cannot be activated accidentally (Fig 7).

Fig. 7



- **Throttle trigger, palm-operated safety switch** and **on/off lockout switch** all incorporated into the grip, immediately to hand (Fig 7).

- **Front-coupled starting system** designed to avoid kickback when starting the machine (Fig 8).

Fig. 8



- Pull-start handle of **new design** minimizes effort and discomfort when starting the machine (Fig 9).

- **"Primer"** positioned on engine cowling rather than beneath the carburettor, for improved access and easier operation (Fig 10).

- **Exhaust pipe** designed to carry hot gases toward the rear of the machine, eliminating any possibility of bodily contact with operator.

- **Engine completely isolated from shaft** by anti-vibration mounts: reduction of vibration through the machine.

- **Double harness**, ergonomically contoured: designed to facilitate operations even on slopes and slippery surfaces (Fig 11).

- **Sound-insulated exhaust silencer**: noise emissions significantly reduced (Fig 12).

Fig. 9



Fig. 10



Fig. 11



Fig. 12



EASE OF MAINTENANCE

- **One-piece engine and silencer cowling:** inspection made easy with only 3 screws to undo (Fig 13).

Fig. 13



- **Snap-fit filter cover:** no tools required for inspection and replacement of filter element (Fig 14).

Fig. 14



Fig. 15

Fig. 16



our power, your passion

TECHNICAL SPECIFICATIONS

MODEL		STARK 44
ENGINE		
TYPE		2 stroke Emak (EURO I / EPA I)
DISPLACEMENT	cm ³	40,2
BORE x STROKE	mm x mm	40 x 30
MAX POWER	HP/kW (rpm)	2,1 / 1,6 (7500)
MAX TORQUE	Nm (rpm)	2,08 (5500)
IDLE RPM	rpm	2800
MAX RPM AT NO LOAD	rpm	11700
FUEL CONSUMPTION (max power)	g/h (rpm)	750 (7500)
IGNITION SYSTEM		
TYPE		Capacitive electronic
SPARK PLUG		Champion RCJ7Y o NGK CMR7H
FUEL AND LUBRICATION SYSTEM		
CARBURETTOR		ZAMA
FUEL		Mix 4% (25:1) - with PROSINT 2% (50:1)
FUEL TANK CAPACITY	l	0,87
AIR FILTER		Cloth
PRIMER		Yes
TRANSMISSION SYSTEM		
DRIVE SHAFT (Ø)	mm	28 with steel shaft Ø 8
ROD LENGTH	mm	1435
BEVEL GEAR PAIR (TRANSMISSION RATIO)		1.375 : 1
CLUTCH		Centrifugal (4100 rpm clutch engagement)
SAFETY		
NOISE PRESSURE (LpA av EN11806 - ISO 7917)	dB(A)	Disc 93
NOISE POWER (LwA EN ISO 3744 - ISO 10884)	dB(A)	Disc 110
VIBRATION LEVEL (ISO 7916)	m/s ²	Disc 3.0 sx 4,5 dx
ERGONOMICS		
HARNESS		Double
FRONT HANDLE		Steel handlebar (same as Stark 25)
REAR HANDLE		Standard with safety switch
ANTI-VIBRATION SYSTEM		On the transmission tube
CUTTING SYSTEM		
DISCO DI TAGLIO		Steel disc cutter with 2 teeth Ø 12" / 305 mm, thickness 1,6 mm
PROTEZIONE TAGLIO		In plastic
HOMOLOGATIONS		
		98/37/EC - 89/336/EC -2000/14/EC - 97/68/EC - 2002/88/EC
WEIGHT (Without cutters and guard)	kg	6,80
WEIGHT POWER RATIO	kg/kW	4,25



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