

TEST REPORT



Dolmar PS-6400

Test-No.: 3433

OWNER OF THE TEST CERTIFICATE:

Applicant:

Makita Engineering Germany
Jenfelder Strasse 38
D- 22045 Hamburg

www.makita.de



Company: Makita Engineering Germany; Jenfelder Strasse 38; D- 22045 Hamburg

2 / 5

Chain brake				
Hand guard activation		activation force	aver. braking time	max. braking time
		32 N	0.105 s	0.116 s
Inertia activation		horizontal acceleration		vertical acceleration
		325 m/s²		848 m/s²
Kickback				
Kickback angle		39°		NE
Weight				
Power to weight ratio		With cutting attachment	Without cutting attachment	
		1.8 kg/kW	2.2 kg/kW	
o				
Operability / handling				
Control elements		Easy to reach and use		o
Machine start		Decompression valve		+
		separate engine ON-OFF switch and CHOKE		+
				o
Engine control		Limited manual adjustability of the carburettor / idling screw		o
Chain assembly		easy access and simple to use		o
Chain tensioning		simple, on side of machine		o
Tank filling		Tool required to remove tank caps		o
Maintenance				
Air filter and spark plug cover		Quick-release clips for easy disassembly; requires combination wrench		o
Air filter	cleaning	No tools required		+
	soiling	low		+
Reliability		No problems during the test		o
Operating manual		clear, well illustrated		o
Operator safety				
EG-type examination test		DEKRA Testing and Certification GmbH. Nr. 4811004.11012		NE
GS-Test		TÜV Produkt Service GmbH. AL 01 07 24243 043		NE

Rating: ++ / + / o / - / -- / . (o = Standard / NE= no evaluation, complies with tolerance value)

Threshold values and evaluation criteria are described in the "Information about the Utility Value Test" available from the DLG and the KWF.

Description and technical data

Engine

- Air-cooled single-cylinder two-stroke engine
- Engine displacement 64 cm³; bore 47 mm; stroke 37 mm
 Fuel: minimum octane number 91ROZ; mixed lubrication
 Manufacturers recommendation: DOLMAR HP 100 High Performance 2-stroke oil, DOLMAR High Performance 2-stroke oil, 2-stroke special fuel with "KWF-TEST"
- Spark plug Bosch WSR-6F or NGK BPMR 7A
- Idling speed 2500 min⁻¹; max. speed 13500 min⁻¹
 (electronic speed control)

Cutting attachment

- Clutch drum with external chain sprocket
- Guide bar with sprocket nose
- Half or full chisel tooth chain
- pitch 3/8" or 0.325", gauge 1.5 mm
- additional guide bars and chain types are available for this saw

Main dimensions and weights (measured values)

Length	incl. cutting attachment 45 cm	935 mm
	engine unit without spiked bumper	460 mm
Width	engine unit	195 mm
	incl. handle	255 mm
Height	engine unit	230 mm
	with front hand guard	315 mm
Stump height	chain sprocket cover	16 mm
	handle	25 mm
Tank capacity	fuel	0.75 l
	chain oil	0.42 l
Weight	incl. cutting attachment 38 cm	7.9 kg
	without cutting attachment	6.4 kg

Test

Test facilities

Kuratorium für Waldarbeit und Forsttechnik, Gross-Umstadt

DLG-Testzentrum Technik & Betriebsmittel, Gross-Umstadt

Field test

Forstamt Driedorf

LÖBF NRW Arnsberg

Authors

P. Müßig, KWF, Gross-Umstadt

J. Albert, DLG, Gross-Umstadt

FPA/DLG-Test Committee

" Equipment and tools"




Chairman: Sebastian Paar, FBZ Laubau

FPA/DLG- approval until February 2018

(first approved in April 2002)

In acknowledgement of the results of the test carried out by the KWF the approved product is also entitled to carry the following test marks: "DLG SIGNUM TEST"

Published by

	DLG-Testzentrum Technik & Betriebsmittel Max-Eyth-Weg 1 D-64823 Gross-Umstadt	Telephone: +49 069/24788-611 Fax: +49 069/24788-110 E-mail: J.Albert@dlg.org Internet: www.dlg-test.de
	ENTAM European Network for Testing of Agricultural Machines c/o ENAMA Via Venafrò, 5 I-00159 Rome	Telephone: +39 06 40860030 Fax: +39 06 4076264 E-mail: inf@entam.com Internet: www.entam.com
	Kuratorium für Waldarbeit und Forsttechnik e.V. Forsttechnischer Prüfungsausschuss (FPA) Spremlinger Strasse 1 D-64823 Gross-Umstadt	Telephone: +49 06078/785-0 Fax: +49 06078/785-50 E-mail: Muessig@kwf-online.de Internet: www.kwf-online.de
Supported by the Federal Ministry of Consumer Protection, Food and Agriculture per decision by the German Bundestag and the State Forest Administrations		