



# TEST REPORT

## HUSQVARNA 575 XPG

**TEST CERTIFICATE HOLDER:**

**Manufacturer and applicant:**

Husqvarna AB

SE- 561 82 Huskvarna

[www.husqvarna.de](http://www.husqvarna.de)



## Test Results and Evaluations



Chainsaw Husqvarna 575 XPG with 46 cm bar length

Husqvarna AB; SE- 561 82 Huskvarna/Sweden

Test item		Test results				Evaluation
Function		Chain saw in the power class up to 4 kW, for professional use				
Engine power						
Power		Engine speed	Torque	Spec. fuel consumption	NE	
max. 4.0 kW						
3.0 kW		10700 min <sup>-1</sup>	3.4 Nm	54 kW/l		
		7000 min <sup>-1</sup>	Max 4.1Nm	41 kW/l		
Fuel consumption						
		max. power		max. torque		
absolute / specific		2.4 l/h	446 g/kWh	2.0 l/h	482 g/kWh	+
Exhaust emission						
		complies with level II of the standard 2002/88 EG system is purged with air after combustion, which leads to a significant reduction of unburned fuel in the emissions				++
Chain lubrication						
Oil consumption		at 5000 min <sup>-1</sup>		at 9000 min <sup>-1</sup>		
min. / max		3 ml/min	14. ml/min	5. ml/min	23 ml/min	O
Noise						
		idling	full load	racing		
Sound pressure level		83 dB(A)	106	110		--
Equivalent sound pressure level 107 dB(A) (operation modes idling/ full load/ racing with equal duration of exposure)						
Sound power level:115 dB(A) according to Directive 2000/14/EC						
Vibration						
		idling	full load	racing		
front handle	[m/s²]	4.2	2.4	2.8		
rear handle	[m/s²]	3.6	2.9	3.7		+
Equivalent vibration total value:		front/rear 3.2 / 3.4 m/s²				
Chain brake						
Hand guard activation		activation force	aver. braking time	max. braking time	NE	
		35 N	0.12 s	0.14 s		
Inertia activation		horizontal acceleration		vertical acceleration	NE	
		252 m/s²		505 m/s²		
Kickback						
Cutting attachment 46 cm, 3/8"		Kickback angle w. chain brake		Chain stop angle	NE	

Husqvarna 575 XPG

Full chisel tooth	47°	38°	
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## Husqvarna 575 XPG

<b>Power to weight ratio</b>			
	With cutting attachment	Without cutting attachment	
	2.1 kg/kW	1.7 kg/kW	<b>O</b>
<b>Operability / handling</b>			
Control elements	Easy to reach and use		<b>+</b>
Primer	Decompression valve		<b>+</b>
Chain assembly	simple, chain sprocket easily accessible		<b>O</b>
Chain tensioning	lateral		<b>O</b>
Heated handle	heating coils in both handles		<b>+</b>
Electrical carburettor heating	thermostat regulation		<b>+</b>
Spiked bumper	Different versions available with varying suitability for tree felling		<b>o.B.</b>
<b>Maintenance</b>			
Air filter and spark plug cover and housing	One-piece, requires tools		<b>+</b>
Air filter cleaning	1 screw connection, no tools required		<b>+</b>
soiling	very low		<b>++</b>
<b>Reliability</b>			
	No defects during test		<b>+</b>
<b>Operating manual</b>			
	clear, well illustrated		<b>+</b>
	use of special fuel recommended		<b>++</b>
<b>Operator safety</b>			
EG-type examination test	(SMP) Test certificate No. PU 75326/05/2		

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

## Description and Technical Data

### Motor

- Air-cooled single-cylinder two-stroke engine; with engine technology providing a smooth flow of air/fuel charge for emission reduction
- Engine displacement 74 cm<sup>3</sup>; bore 51 mm; stroke 36 mm;

## Husqvarna 575 XPG

- Fuel: minimum octane number 90 ROZ; mixed lubrication,,  
2-T- special fuel with "KWF-TEST" or regular lead-free petrol;
- Spark plug NGK BPMR 7A or Champion RCJ-7Y.
- Idling speed: 2700 min<sup>-1</sup>; max. speed: 12800 min<sup>-1</sup>
- Zama membrane carburettor

### Cutting attachment

- Clutch drum with external chain sprocket;
- Guide bar with sprocket nose, - full chisel tooth chain, pitch 3/8"
- Available guide bars lengths from 35 to 69 cm;

### Main dimensions and weights

Length,	incl. cutting attachment 46 cm	890 mm
	engine unit with spiked bumper	445 mm
Width,	engine unit	198 mm
	incl. handle	248 mm
Height,	engine unit	240 mm
	with front hand guard	310 mm
Stump height,	chain sprocket cover	25 mm
	handle	40 mm
Tank capacity,	fuel	0.65 l
	chain oil	0.40 l
Weight,	incl. cutting attachment 46 cm	8,4 kg
	without cutting attachment	6,9 kg

## Test

### Test carried out by

Kuratorium für Waldarbeit und Forsttechnik Groß-Umstadt  
DLG-Testzentrum Technik & Betriebsmittel Groß-Umstadt

### Field test

Forstamt Lampertheim

Forstliches Bildungszentrum Königsbrunn

Landesanstalt für Ökologie, Bodenordnung und Forsten, Arnsberg

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## FPA/DLG-Test Committee

„Geräte und Werkzeuge“ (“Equipment and tools”) with 16 members

Chairman: Josef Berthold

## FPA/DLG- approval:

November 2005

FPA- Index: 1.01.4176

DLG- Test Report: 5524

According to the test regulations, the applicant is entitled to display the test mark on machines of this type and to use the certification for advertising purposes.

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