



HUSQVARNA 550 XP® Mark II

Powerful, durable and easy to manoeuvre, 50cc chainsaw with excellent performance and cutting capacity. Suitable for felling, limbing and bucking small and mid-sized trees as well as for challenging tree care. The slimmed-down design and host of innovative features make for efficient, reliable and comfortable operation.



Retained bar nuts

The retaining function prevents losing the bar nuts.



Felling sight to last a lifetime

Perfect sight is critical when felling – so we made one that will outlast the chainsaw itself.

Excellent cooling capacity for a longer engine life

Our new cooling system is optimised in every detail to give you a reliable chainsaw for any situation.



LowVib® Technology

Effective LowVib® dampeners absorb vibration, sparing the user's arms and hands.



FEATURES

- Optimised cooling system
- Perfect sight critical for felling
- The retaining function prevents losing the bar nuts.
- Effective LowVib® dampeners absorb vibration, sparing the user's arms and hands.
- Easy and convenient to handle in any situation.
- Centrifugal air cleaning system expels larger dust and debris particles before they reach the air filter to help improve engine life
- Easy to open and secure
- Easily remove and replace the filter after cleaning
- Magnesium crankcase designed for professional use
- Screws held in place
- Saves time when changing spark plugs and cleaning
- Automatic engine setting with AutoTune
- Great power and efficiency
- Transparent fuel indicator makes it easy to check fuel level
- Forged three-piece crankshaft delivers maximum durability for even the toughest of jobs
- Easier access to chain tensioning device
- Customize and control oil flow to meet any need

Technical Specifications

CAPACITY	
Chain speed at 133% of maximum engine power speed	26.1 m/s
Chain speed at max power	19.6 m/s
Clutch engagement speed (±120)	3900 rpm
Clutch engagement upper limit	6000 rpm
Idling speed	2800 rpm
Idling upper limit	3900 rpm
Ignition module air gap	0.3 mm
Maximum power speed	10200 rpm
Output shaft power	3.0 kW
Racing speed lower limit	13000 rpm
Torque, max.	3.15 Nm
Torque, max. at rpm	7800 rpm
CERTIFICATIONS	
Cert machine dir. 2006/42/EC Decl. No.	0404/18/2514
DIMENSIONS	
Article gross weight	7660 g
Article net weight	6988 g
Bar length (inch)	18 in
Bar length	45 cm
Weight (excl. cutting equipment)	5.3 kg
ENGINE	
Cylinder bore	43 mm
Cylinder displacement	50.1 cm ³
Cylinder stroke	34.5 mm
Electrode gap	0.5 mm
Engine Family EPA	NHVXS.0505AJ
Ignition module air gap	0.3 mm
Spark Plug	NGK CMR6H
EQUIPMENT	
Bar mount type	HSM
Chain type	SP33G
Chainsaw sub-group	Full time professional use chainsaws
Gauge	1.3 mm
Handle type	Standard
Pitch	.325"
Sprocket type	Rim 7
LUBRICANTS	
Fuel consumption	432 g/kWh
Fuel consumption	1.3 kg/h
Fuel tank volume	0.53 l
Lubricant type (Engine)	Husqvarna 2 stroke or equiv. at 50:1
Oil pump type	Adjustable flow, no flow at idle
Oil tank volume	0.32 l
Power/fuel type	Gasoline
MATERIALS	
Master pack: Paper material	0 g
Metal total	0 g
Paper material total	574 g
HDPE (02) total	0 g
PET (01) total	0 g
Plastic foil total	23 g
Plastic rigid total	0 g
Plastic total	23 g
PS/EPS/HIPS (06) total	0 g
PACKAGING	
Packaging height	333 mm

Technical Specifications

Packaging length	495 mm
Packaging volume	46.15 dm ³
Packaging width	280 mm
Quantity in Master pack	1
EMISSION DATA EPA	
Engine Family EPA	NHVXS.0505AJ
Exhaust emissions (CO average) EPA	225.12 g/kWh
Exhaust emissions (CO FEL) EPA	536 g/kWh
Exhaust emissions (CO average) EPA	812 g/kWh
Exhaust emissions (HC average) EPA	56.33 g/kWh
Exhaust emissions (NOx average) EPA	3.92 g/kWh
EMISSION DATA EU	
Exhaust emissions (CO average) EU	227.28 g/kWh
Exhaust emissions (CO average) EU	813 g/kWh
Exhaust emissions (CO EU V)	813 g/kWh
Exhaust emissions (HC average) EU	54.16 g/kWh
Exhaust emissions (NOx average) EU	3.55 g/kWh
SOUND AND NOISE	
Sound power level, guaranteed (LWA)	117 dB(A)
Sound power level, measured	115 dB(A)
Sound pressure level at operators ear	107 dB(A)
VIBRATIONS	
Daily Vibration (Aeqv)	4.9 m/s ²
Daily Vibration Exposure (A8)	3.3 m/s ²
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	4.0 m/s ²
Equivalent vibration level (ahv, eq) rear handle	4.9 m/s ²