



HUSQVARNA 585

Experience the robustness of our new 90cc petrol chainsaw range! Husqvarna 585 is developed for forestry and tree care workers looking for a robust and durable chainsaw that's easy to manoeuvre and maintain even in tough conditions. This chainsaw combines proven technology with modern design and performance. The powerful X-Torq engine combined with the X-Cut C85/C83 chains delivers excellent cutting capacity. Equipped with X-Tough™ bar, available from 20" to 36".



Reliable performance with different fuels

Designed to be able to run with many kinds of fuel qualities including high ethanol levels, the engine can handle ethanol content up to 25%.



More powerful and convenient

The saw delivers excellent cutting capacity as well as improved vibration levels and optimized manoeuvrability for an improved cutting experience.

Durable and fit for heavy-duty challenges

The robust design with high-quality components, the easy-to-adjust carburetor and the heavy-duty air filtration system will make it easy to take on the most challenging of tasks.



Equipped for the very best workday

The saw is equipped with our durable X-Tough™ bar with long lifetime, which facilitate straight cuts and minimize pinching.



FEATURES

- Robust design, easy-to-adjust carburetor and heavy-duty air filtration system
- Excellent cutting capacity, improved vibration levels and optimized manoeuvrability for improved cutting experience
- Handles ethanol content up to 25%.
- Comes with X-Tough™ bar, facilitating straight cuts and minimized pinching.
- Easier diagnostics means quicker and better service
- Reduces the strain on your body and makes the saw nimble
- The retaining function prevents losing the bar nuts.
- Heavy duty air filter for better filtration
- Maintains performance, gives less wear
- Clutch cover design optimise chip ejection
- Screws held in place
- Fast acceleration
- Perfect sight critical for felling
- Large transparent tank window simplifies fuel level check
- Easy to open and secure
- Powerful X-TORQ® engine reduces emissions by up to 60% and increases fuel efficiency by up to 20%

Technical Specifications

CAPACITY	
Chain speed at 133% of maximum engine power speed	30.6 m/s
Chain speed at max power	23 m/s
Clutch engagement speed (±120)	4300 rpm
Clutch engagement upper limit	4500 rpm
Idling speed	2800 rpm
Idling upper limit	4300 rpm
Ignition module air gap	0.3 mm
Maximum power speed	9600 rpm
Power output	5.1 kW
Racing speed lower limit	11500 rpm
Torque, max.	5.3 Nm
Torque, max. at rpm	7800 rpm
CERTIFICATIONS	
Cert machine dir. 2006/42/EC Decl. No.	0404/21/2553
DIMENSIONS	
Article gross weight	9320 g
Article net weight	8250 g
Bar length (inch)	24 in
Bar length	60 cm
Weight (excl. cutting equipment)	7.5 kg
ENGINE	
Cylinder bore	53 mm
Cylinder displacement	86 cm ³
Cylinder stroke	39 mm
Electrode gap	0.5 mm
Engine Family EPA	NHVXS0865AA
Ignition module air gap	0.3 mm
Spark plug	NGK CMR6H
EQUIPMENT	
Bar mount type	HLM
Chain type	C85
Chainsaw sub-group	Full time professional use chainsaws
Handle type	Standard
Pitch	3/8"
Sprocket type	Rim 7
LUBRICANTS	
Fuel consumption	450 g/kWh
Fuel consumption	2.27 kg/h
Fuel tank volume	0.86 l
Lubricant type (Engine)	Husqvarna 2 stroke or equiv. at 50:1
Oil pump type	Adjustable flow, no flow at idle
Oil tank volume	0.42 l
Power/fuel type	Gasoline
MATERIALS	
Master pack: Paper + Cardboard	0 g
Metal total	0 g
Paper + Cardboard total	1080 g
PE total	0 g
PET total	0 g
Plastic foil	0 g
Plastic rigid	0 g
Plastic total	0 g
PS/EPS/HIPS total	0 g
PACKAGING	
Packaging height	342 mm
Packaging length	572 mm
Packaging width	446 mm
Quantity in Master pack	1

Technical Specifications**EMISSION DATA EPA**

Engine Family EPA	NHVS.0865AA
Exhaust emissions (CO average)	308.35 g/kWh
Exhaust emissions (CO FEL)	536 g/kWh
Exhaust emissions (CO average)	857 g/kWh
Exhaust emissions (HC average)	55.07 g/kWh
Exhaust emissions (NOx average)	2.06 g/kWh

EMISSION DATA EU

Exhaust emissions (CO average)	285.17 g/kWh
Exhaust emissions (CO average)	792 g/kWh
Exhaust emissions (CO2 EU V)	792 g/kWh
Exhaust emissions (HC average)	54.03 g/kWh
Exhaust emissions (NOx average)	1.96 g/kWh

SOUND AND NOISE

Sound power level, guaranteed (LWA)	119 dB(A)
Sound power level, measured	118 dB(A)
Sound pressure level at operators ear	112 dB(A)

VIBRATIONS

Daily Vibration (Aeqv)	6.6 m/s ²
Daily Vibration Exposure (A8)	4.5 m/s ²
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	6.6 m/s ²
Equivalent vibration level (ahv, eq) rear handle	5.3 m/s ²