



HUSQVARNA T540 XP® II

Husqvarna T540 XP® is designed for the high-end top handle saw segment, targeting professional customers like full pro arborists, landscapers, garden contractors and utility services who need excellent performance in combination with the best ergonomics.



Individual grip size

The top handle grip size can be set in three alternative sizes, to perfectly fit your hand.



Adjustable oil pump

Adjustable oil pump makes it easy to set the chain lubrication according to your needs.

AutoTune

AutoTune gives optimal engine performance throughout automatic engine setting. No time spent on carburettor adjustments. It compensates for different fuels, altitude, humidity, temperature and clogged air filter.



Belt eye let

Makes it quick and easy to connect the saw to the climbing harness.



FEATURES

- Automatic engine setting with AutoTune
- Adjustable chain oil pump
- Interchangeable grip size, to perfectly fit your hand.
- Quick connection to the climbing harness
- Quick-release air filter
- Auto return stop switch for easy starting
- Less filter cleanings with Air Injection
- The retaining function prevents losing the bar nut.
- LowVib® sparing the user's arms and hands
- Quick and easy chain adjustment
- Easy to maintain with snap locked filter cover
- Magnesium crankcase designed for professional use
- Fuel level window
- Increased safety, inertia activated chain brake
- Good visibility hand guard
- Air purge for easier cold starting
- The flip-up tank cap is easy to open.
- Smart Start® for easy starting

Technical Specifications

CAPACITY	
Chain speed at 133% of maximum engine power speed	25.8 m/s
Chain speed at max power	19.4 m/s
Clutch engagement speed (±120)	4500 rpm
Clutch engagement upper limit	6000 rpm
Idling speed	3000 rpm
Idling upper limit	3500 rpm
Ignition module air gap	0.3 mm
Maximum power speed	10200 rpm
Power output	1.8 kW
Racing speed lower limit	12000 rpm
Torque, max.	1.83 Nm
Torque, max. at rpm	140 rpm
CERTIFICATIONS	
Cert machine dir. 2006/42/EC Decl. No.	0404/11/2320
DIMENSIONS	
Article gross weight	5853 g
Article net weight	4990 g
Bar length (inch)	14"
Bar length	350 mm
Weight (excl. cutting equipment)	3.9 kg
ENGINE	
Cylinder bore	40 mm
Cylinder displacement	37.7 cm ³
Cylinder stroke	30 mm
Electrode gap	0.5 mm
Engine Family CARB	JHVXS.0384AB
Engine Family EPA	JHVXS.0384AB
Ignition module air gap	0.3 mm
Max engine/motor RPM	14200 rpm
Spark plug	NGK CMR6H
EQUIPMENT	
Bar mount type	Small
Chain type	S93G
Chainsaw sub-group	Arborists Tree-care chainsaws
Gauge	1.3 mm
Handle type	Standard
Pitch	3/8" mini
Source system	PAID
Sprocket type	Spur 6
LUBRICANT	
Fuel consumption	464 g/kWh
Fuel consumption	0.87 kg/h
Fuel tank volume	0.34 l
Lubricant type	Husqvarna 2 stroke or equiv. at 50:1
Oil pump capacity Max	9 ml/min
Oil pump capacity Min	3 ml/min
Oil pump type	Adjustable flow
Oil tank volume	0.2 l
Power/fuel type	Gasoline
MATERIALS	
Master pack: Paper + Cardboard	0 g
Metal total	0 g
Paper	2200 g
Paper + Cardboard total	2200 g
PE total	0 g
PET total	0 g
Plastic foil	0 g
Plastic rigid	0 g

Technical Specifications

Plastic total	0 g
PS/EPS/HIPS total	0 g
PACKAGING	
Packaging height	250 mm
Packaging length	470 mm
Packaging volume	31.73 dm ³
Packaging width	270 mm
Quantity in Master pack	1
EMISSION DATA CARB	
Engine Family CARB	JHVXS.0384AB
Exhaust emissions (CO average)	148.33 g/kWh
Exhaust emissions (CO average)	1066 g/kWh
Exhaust emissions (HC average)	42.15 g/kWh
Exhaust emissions (NOx average)	4.36 g/kWh
EMISSION DATA EPA	
Engine Family EPA	JHVXS.0384AB
Exhaust emissions (CO average)	148.33 g/kWh
Exhaust emissions (CO FEL)	805 g/kWh
Exhaust emissions (CO average)	1066 g/kWh
Exhaust emissions (HC average)	42.15 g/kWh
Exhaust emissions (NOx average)	4.36 g/kWh
EMISSION DATA EU	
Exhaust emissions (CO average)	178.37 g/kWh
Exhaust emissions (CO average)	1050 g/kWh
Exhaust emissions (CO2 EU V)	968 g/kWh
Exhaust emissions (HC average)	40.81 g/kWh
Exhaust emissions (NOx average)	3.72 g/kWh
SOUND AND NOISE	
Sound power level, guaranteed (LWA)	116 dB(A)
Sound power level, measured	114 dB(A)
Sound pressure level at operators ear	104 dB(A)
VIBRATION	
Daily Vibration (Aeqv)	4.2 m/s ²
Daily Vibration Exposure (A8)	2.3 m/s ²
Daily Vibration Time (Time factor)	2.4 h
Equivalent vibration level (ahv, eq) front handle	3.5 m/s ²
Equivalent vibration level (ahv, eq) rear handle	4.2 m/s ²