



HUSQVARNA T540 XP® II

The Husqvarna T540 XP® II commercial chainsaw was 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

Customize and control oil flow to meet any need

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 eyelet

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



FEATURES

- Automatic engine setting with AutoTune
- Customize and control oil flow to meet any need
- Interchangeable grip size, to perfectly fit your hand.
- Quick connection to the climbing harness
- Easily remove and replace the filter after cleaning
- When the stop switch has been used, it is automatically reset to ON to facilitate the next start.
- Centrifugal air cleaning system expels larger dust and debris particles before they reach the air filter to help improve engine life
- The retaining function prevents losing the bar nut.
- Quickly and easily adjust the chain
- Effective LowVib® dampeners absorb vibration, sparing the user's arms and hands.
- Easy to maintain with snap locked filter cover
- Magnesium crankcase designed for professional use
- Transparent fuel indicator makes it easy to check fuel level
- Effective inertia-activated chain brake reduces the likelihood of injury due to kickback.
- The hand guard design provides better view of the saw bar tip and improved operating control.
- Air purge for easier cold starting
- The flip-up tank cap is easy to open.
- Specially-designed engine and starter for easy and fast starting with minimum effort

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
Output shaft power	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	5763 g
Article net weight	5200 g
Bar length (inch)	12 in
Bar length	30 cm
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	14200 rpm
Spark Plug	NGK CMR6H
EQUIPMENT	
Bar mount type	HSM
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
LUBRICANTS	
Fuel consumption	464 g/kWh
Fuel consumption	0.87 kg/h
Fuel tank volume	0.34 l
Lubricant type (Engine)	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 material	0 g
Metal total	0 g
Paper (PAP 22)	30 g
Paper material total	30 g
HDPE (02) total	0 g

Technical Specifications

PET (01) total	0 g
Plastic foil total	0 g
Plastic rigid total	0 g
Plastic total	0 g
PS/EPS/HIPS (06) 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) CARB	148.33 g/kWh
Exhaust emissions (CO average) CARB	1066 g/kWh
Exhaust emissions (HC average) CARB	42.15 g/kWh
Exhaust emissions (NOx average) CARB	4.36 g/kWh
EMISSION DATA EPA	
Engine Family EPA	JHVXS.0384AB
Exhaust emissions (CO average) EPA	148.33 g/kWh
Exhaust emissions (CO FEL) EPA	805 g/kWh
Exhaust emissions (CO average) EPA	1066 g/kWh
Exhaust emissions (HC average) EPA	42.15 g/kWh
Exhaust emissions (NOx average) EPA	4.36 g/kWh
EMISSION DATA EU	
Exhaust emissions (CO average) EU	178.37 g/kWh
Exhaust emissions (CO average) EU	1050 g/kWh
Exhaust emissions (CO EU V)	968 g/kWh
Exhaust emissions (HC average) EU	40.81 g/kWh
Exhaust emissions (NOx average) EU	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)
VIBRATIONS	
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