



HUSQVARNA 353

Husqvarna 353 is professional saw with high capacity across a wide rpm range. Its high-power, low weight, slim body and high centre of gravity make it both powerful and easy to use. The wide power band makes this saw exceptionally versatile. Smart Start® and fuel pump for easy starting.



Quick-Release Air Filter
Easily remove and replace the filter after cleaning



Adjustable Oil Pump
Customize and control oil flow to meet any need

Air Injection™ Technology
Centrifugal air cleaning system expels larger dust and debris particles before they reach the air filter to help improve engine life



Combined Choke/Stop Control
Provides easier starting and reduces the risk of engine flooding



FEATURES

- Centrifugal air cleaning system expels larger dust and debris particles before they reach the air filter to help improve engine life
- Customize and control oil flow to meet any need
- Easily remove and replace the filter after cleaning
- Provides easier starting and reduces the risk of engine flooding
- Easier access to chain tensioning device
- Magnesium crankcase designed for professional use
- Saves time when changing spark plugs and cleaning
- Forged three-piece crankshaft delivers maximum durability for even the toughest of jobs
- Dampeners between the engine and chassis significantly reduce vibrations so you can work more comfortably
- Specially-designed engine and starter for easy and fast starting with minimum effort
- Air purge removes air from carburetor and fuel system for easy starting
- Reduces the likelihood of injury due to kickback

Technical Specifications	
CAPACITY	
Chain speed at 133% of maximum engine power speed	23 m/s
Chain speed at max power	17.3 m/s
Clutch engagement speed (±120)	3780 rpm
Idling speed	2700 rpm
Ignition module air gap	0.3 mm
Maximum power speed	9000 rpm
Power output	2.4 kW
Torque, max.	2.7 Nm
Torque, max. at rpm	6600 rpm
CERTIFICATIONS	
Cert machine dir. 2006/42/EC Decl. No.	0404/09/2085
Recyclability, today	80 %
Recyclable of weight of FE, Al and Mg	45 %
DIMENSIONS	
Article gross weight	7283 g
Article net weight	6250 g
Bar length (inch)	16 in
Bar length	40 cm
Weight (excl. cutting equipment)	5 kg
ENGINE	
Carburetor	Zama C3-EL51
Cylinder bore	45 mm
Cylinder displacement	51.7 cm ³
Cylinder stroke	32.5 mm
Electrode gap	0.5 mm
Ignition module air gap	0.3 mm
Max engine/motor	13000 rpm
Spark plug	Champion RCJ7Y, NGK BPMR7A
EQUIPMENT	
Bar mount type	HSM
Chain type	H25
Chainsaw sub-group	Full time professional use chainsaws
Gauge	1.5 mm
Handle type	Standard
Pitch	.325"
Source system	PAID
Sprocket type	Rim 7
LUBRICANTS	
Fuel consumption	531 g/kWh
Fuel consumption	1.26 kg/h
Fuel tank volume	0.5 l
Lubricant type (Engine)	Husqvarna 2 stroke or equiv. at 50:1
Oil pump capacity, max	12 ml/min
Oil pump capacity, min	5 ml/min
Oil pump type	Automatic
Oil tank volume	0.28 l
Power/fuel type	Gasoline
MATERIALS	
Master pack: Paper + Cardboard	0 g
Metal total	0 g
Paper + Cardboard total	2000 g
PE total	10 g
PET total	0 g
Plastic foil	10 g
Plastic rigid	0 g
Plastic total	10 g
PS/EPS/HIPS total	0 g
PACKAGING	
Packaging height	250 mm
Packaging length	470 mm

Technical Specifications	
Packaging volume	39.95 dm ³
Packaging width	340 mm
Quantity in Master pack	1
EMISSION DATA EPA	
Exhaust emissions (CO average)	345 g/kWh
Exhaust emissions (CO average)	888 g/kWh
Exhaust emissions (HC average)	126 g/kWh
Exhaust emissions (NOx average)	2.5 g/kWh
SOUND AND NOISE	
Sound level	102 dB(A)
Sound power level, guaranteed (LWA)	115 dB(A)
Sound power level, measured	114 dB(A)
Sound pressure level at operators ear	102 dB(A)
VIBRATIONS	
Daily Vibration (Aeqv)	3.2 m/s ²
Daily Vibration Exposure (A8)	2.18 m/s ²
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	3.1 m/s ²
Equivalent vibration level (ahv, eq) rear handle	3.2 m/s ²
Vibrations left/front handle	3.1 m/s ²
Vibrations right/rear handle	3.2 m/s ²