



## 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

Facilitates cleaning and replacement of the air filter.



### Adjustable oil pump

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

### Air Injection®

Centrifugal air cleaning system for reduced wear and longer operating time between filter cleanings.



### Combined choke/stop control

Combined choke/stop control allow for easier starting and reduce the risk of engine flooding.



## FEATURES

- Less filter cleanings with Air Injection
- Adjustable chain oil pump
- Quick-release air filter
- Intuitive, combined choke/stop control
- Quick and easy chain adjustment
- Magnesium crankcase designed for professional use
- Easy to maintain with snap locked cylinder cover
- Maximum durability for tough applications
- LowVib® sparing the user's arms and hands
- Smart Start® for easy starting
- Air purge for easier cold starting
- Increased safety, inertia activated chain brake

Technical Specifications	
<b>CAPACITY</b>	
Chain speed at 133% of maximum engine power speed	23 m/s
Chain speed at max power	17.3 m/s
Clutch engagement speed ( $\pm 120$ )	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
<b>CERTIFICATIONS</b>	
Cert machine dir. 2006/42/EC Decl. No.	0404/09/2085
Recyclability, today	80 %
Recyclable of weight of FE, Al and Mg	45 %
<b>DIMENSIONS</b>	
Article gross weight	7213 g
Article net weight	6180 g
Bar length (inch)	15"
Bar length	380 mm
Weight (excl. cutting equipment)	5 kg
<b>ENGINE</b>	
Carburetor	Zama C3-EL51
Cylinder bore	45 mm
Cylinder displacement	51.7 cm <sup>3</sup>
Cylinder stroke	32.5 mm
Electrode gap	0.5 mm
Ignition module air gap	0.3 mm
Max engine/motor RPM	13000 rpm
Spark plug	Champion RCJ7Y, NGK BPMR7A
<b>EQUIPMENT</b>	
Bar mount type	Small
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
<b>LUBRICANT</b>	
Fuel consumption	531 g/kWh
Fuel consumption	1.26 kg/h
Fuel tank volume	0.5 l
Fuel type, min (Europe)	RON min 91 or alkylate
Lubricant type	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
<b>MATERIALS</b>	
Master pack: Paper + Cardboard	0 g
Metal total	0 g
Paper + Cardboard total	0 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
<b>PACKAGING</b>	
Packaging height	250 mm
Packaging length	470 mm
Packaging volume	39.95 dm <sup>3</sup>
Packaging width	340 mm

**Technical Specifications**

Quantity in Master pack	1
<b>EMISSION DATA EPA</b>	
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
<b>SOUND AND NOISE</b>	
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)
<b>VIBRATION</b>	
Daily Vibration (Aeqv)	3.2 m/s <sup>2</sup>
Daily Vibration Exposure (A8)	2.18 m/s <sup>2</sup>
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	3.1 m/s <sup>2</sup>
Equivalent vibration level (ahv, eq) rear handle	3.2 m/s <sup>2</sup>
Vibrations left/front handle	3.1 m/s <sup>2</sup>
Vibrations right/rear handle	3.2 m/s <sup>2</sup>