



## Husqvarna 390 XP®

A modern large XP® chainsaw with a very powerful engine. Performance and vibration dampening are designed for sawing jobs that require longer cutting equipment. The 390 XP® heavy duty chainsaw has excellent ergonomics and comfort which make it easy to handle despite its size and high power. Smart Start® facilitates easy starting and the rubber-mounted carburettor boosts durability and smooths operation.



### 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 for reduced wear and longer operating time between filter cleaning.



### Side-Mounted Chain Tensioner

Easier access to chain tensioning device



## 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
- Easier access to chain tensioning device
- Magnesium crankcase designed for professional use
- Easy to maintain with snap locked filter cover
- Forged three-piece crankshaft delivers maximum durability for even the toughest of jobs
- Effective LowVib® dampeners absorb vibration, sparing the user's arms and hands.
- Specially-designed engine and starter for easy and fast starting with minimum effort
- Ergonomic grip with angled front handle
- Effective inertia-activated chain brake reduces the likelihood of injury due to kickback.

### Technical Specifications

<b>CAPACITY</b>	
Chain speed at 133% of maximum engine power speed	28.5 m/s
Chain speed at max power	21.4 m/s
Clutch engagement speed (±120)	3600 rpm
Clutch engagement upper limit	4800 rpm
Idling speed	2700 rpm
Idling upper limit	3600 rpm
Ignition module air gap	0.3 mm
Maximum power speed	9600 rpm
Output shaft power	4.8 kW
Racing speed lower limit	13000 rpm
Torque, max.	4.7 Nm
Torque, max. at rpm	6600 rpm
<b>CERTIFICATIONS</b>	
Cert machine dir. 2006/42/EC Decl. No.	0404/09/2110
Recyclability, today	80 %
Recyclable of weight of FE, Al and Mg	45 %
<b>DIMENSIONS</b>	
Article gross weight	9189 g
Article net weight	8060 g
Bar length (inch)	0 in
Bar length	0 cm
Weight (excl. cutting equipment)	7.3 kg
<b>ENGINE</b>	
Carburetor	Walbro RWJ 116
Cylinder bore	55 mm
Cylinder displacement	88 cm <sup>3</sup>
Cylinder stroke	37 mm
Electrode gap	0.5 mm
Engine Family EPA	GHVXS.0885AA
Ignition module air gap	0.3 mm
Max engine/motor	13000 rpm
Spark Plug	Champion RCJ7Y, NGK BPMR7A
<b>EQUIPMENT</b>	
Bar mount type	HLM
Chain type	--
Chainsaw sub-group	Full time professional use chainsaws
Gauge	1.5 mm
Handle type	Standard
Pitch	3/8"
Source system	PAID
Sprocket type	Rim 7
<b>LUBRICANTS</b>	
Fuel consumption	476 g/kWh
Fuel consumption	2.26 kg/h
Fuel tank volume	0.9 l
Lubricant type (Engine)	Husqvarna 2 stroke or equiv. at 50:1
Oil pump capacity, max	24 ml/min
Oil pump capacity, min	6 ml/min
Oil pump type	Automatic
Oil tank volume	0.5 l
Power/fuel type	Gasoline
<b>MATERIALS</b>	
Master pack: Paper material	0 g
Metal total	0 g
Paper material total	0 g
HDPE (02) total	0 g
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

**Technical Specifications****PACKAGING**

Packaging height	290 mm
Packaging length	540 mm
Packaging volume	53.244 dm <sup>3</sup>
Packaging width	340 mm
Quantity in Master pack	1

**EMISSION DATA EPA**

Engine Family EPA	GHVXS.0885AA
Exhaust emissions (CO average) EPA	277.30 g/kWh
Exhaust emissions (CO FEL) EPA	536 g/kWh
Exhaust emissions (CO average) EPA	827 g/kWh
Exhaust emissions (HC average) EPA	127.62 g/kWh
Exhaust emissions (NOx average) EPA	1.66 g/kWh

**EMISSION DATA EU**

Exhaust emissions (CO average) EU	334.28 g/kWh
Exhaust emissions (CO average) EU	780.54 g/kWh
Exhaust emissions (HC average) EU	128.71 g/kWh
Exhaust emissions (NOx average) EU	1.71 g/kWh

**SOUND AND NOISE**

Sound power level, guaranteed (LWA)	119 dB(A)
Sound power level, measured	117 dB(A)
Sound pressure (15m)	83 dB(A)
Sound pressure level at operators ear	107 dB(A)

**VIBRATIONS**

Daily Vibration (Aeqv)	7.5 m/s <sup>2</sup>
Daily Vibration Exposure (A8)	5.1 m/s <sup>2</sup>
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	6.5 m/s <sup>2</sup>
Equivalent vibration level (ahv, eq) rear handle	7.5 m/s <sup>2</sup>