



HUSQVARNA 3120 XP®

Our largest saw is one of the most powerful saws in the world, built for professional felling in the toughest dimensions. Like all Husqvarna saws, the 3120 XP® has a superior power/weight ratio. With Smart Start® and well-developed anti-vibration features and ergonomics, this large-size saw is both easy to start and operate.



Magnesium crankcase

Sturdily built crankcase withstands high rpms and tough professional use, ensuring a long service life.



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.



Three-piece crankshaft

Forged three-piece crankshaft for maximum durability for the toughest applications.



FEATURES

- Adjustable chain oil pump
- Quick-release air filter
- Magnesium crankcase designed for professional use
- Maximum durability for tough applications
- LowVib® sparing the user's arms and hands
- Smart Start® for easy starting
- Felling marks for correct felling direction
- Increased safety, inertia activated chain brake

Technical Specifications	
CAPACITY	
Chain speed at 133% of maximum engine power speed	26.7 m/s
Chain speed at max power	20.1 m/s
Clutch engagement speed (±120)	3400 rpm
Idling speed	2500 rpm
Ignition module air gap	0.3 mm
Maximum power speed	9000 rpm
Power output	6.2 kW
Torque, max.	7.7 Nm
Torque, max. at rpm	6000 rpm
CERTIFICATIONS	
Cert machine dir. 2006/42/EC Decl. No.	0404/09/2119
Recyclability, today	80 %
Recyclable of weight of FE, Al and Mg	45 %
DIMENSIONS	
Article gross weight	15618 g
Article net weight	14540 g
Bar length (inch)	36"
Bar length	900 mm
Weight (excl. cutting equipment)	10.4 kg
ENGINE	
Carburetor	Walbro
Cylinder bore	60 mm
Cylinder displacement	118.8 cm ³
Cylinder stroke	42 mm
Electrode gap	0.5 mm
Engine Family EPA	MHVXS.1195AC
Ignition module air gap	0.3 mm
Max engine/motor RPM	12000 rpm
Spark plug	Champion RCJ7Y, NGK BPMR7A
EQUIPMENT	
Bar mount type	Large
Chain type	H64
Chainsaw sub-group	Full time professional use chainsaws
Gauge	1.6 mm
Handle type	Standard
Pitch	.404"
Source system	PAID
Sprocket type	Rim 7
LUBRICANT	
Fuel consumption	570 g/kWh
Fuel consumption	3.1 kg/h
Fuel tank volume	1.25 l
Fuel type, min (Europe)	RON min 91 or alkylate
Lubricant type	Husqvarna or equiv. at 50:1
Oil pump capacity Max	54 ml/min
Oil pump capacity Min	30 ml/min
Oil pump type	Automatic
Oil tank volume	0.7 l
Power/fuel type	Gasoline
MATERIALS	
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
PACKAGING	
Packaging height	290 mm
Packaging length	540 mm
Packaging volume	53.244 dm ³
Packaging width	340 mm
Quantity in Master pack	1
EMISSION DATA EPA	
Engine Family EPA	MHVXS.1195AC

Technical Specifications

Exhaust emissions (CO average)	446.38 g/kWh
Exhaust emissions (CO FEL)	536 g/kWh
Exhaust emissions (CO average)	688 g/kWh
Exhaust emissions (HC average)	113.76 g/kWh
Exhaust emissions (NOx average)	0.64 g/kWh
EMISSION DATA EU	
Exhaust emissions (CO average)	497.55 g/kWh
Exhaust emissions (CO average)	727 g/kWh
Exhaust emissions (HC average)	143.07 g/kWh
Exhaust emissions (NOx average)	1.03 g/kWh
SOUND AND NOISE	
Sound level	101 dB(A)
Sound power level, guaranteed (LWA)	116 dB(A)
Sound power level, measured	115 dB(A)
Sound pressure level at operators ear	102 dB(A)
VIBRATION	
Daily Vibration (Aeqv)	7.8 m/s ²
Daily Vibration Exposure (A8)	5.3 m/s ²
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	6.7 m/s ²
Equivalent vibration level (ahv, eq) rear handle	7.8 m/s ²
Vibrations left/front handle	7.7 m/s ²
Vibrations right/rear handle	10.6 m/s ²