



## 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                          |                                      |
|---|--------------------------------------|
| <b>CAPACITY</b>                                   |                                      |
| 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                             |
| <b>CERTIFICATIONS</b>                             |                                      |
| Cert machine dir. 2006/42/EC Decl. No.            | 0404/09/2119                         |
| Recyclability, today                              | 80 %                                 |
| Recyclable of weight of FE, Al and Mg             | 45 %                                 |
| <b>DIMENSIONS</b>                                 |                                      |
| Article gross weight                              | 16638 g                              |
| Article net weight                                | 15560 g                              |
| Bar length (inch)                                 | 42"                                  |
| Weight (excl. cutting equipment)                  | 10.4 kg                              |
| <b>ENGINE</b>                                     |                                      |
| Carburetor  | Walbro                               |
| Cylinder bore                                     | 60 mm                                |
| Cylinder displacement                             | 118.8 cm <sup>3</sup>                |
| Cylinder stroke                                   | 42 mm                                |
| Electrode gap                                     | 0.5 mm                               |
| Engine Family EPA                                 | LHVXS.1195AC                         |
| Ignition module air gap                           | 0.3 mm                               |
| Max engine/motor RPM                              | 12000 rpm                            |
| Spark plug  | Champion RCJ7Y, NGK BPMR7A           |
| <b>EQUIPMENT</b>                                  |                                      |
| 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                                |
| <b>LUBRICANT</b>                                  |                                      |
| 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                             |
| <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                                  | 290 mm                               |
| Packaging length                                  | 540 mm                               |
| Packaging volume                                  | 53.244 dm <sup>3</sup>               |
| Packaging width                                   | 340 mm                               |
| Quantity in Master pack                           | 1                                    |
| #Weight incl. packaging                           | 7.12 kg                              |
| <b>EMISSION DATA EPA</b>                          |                                      |
| Engine Family EPA                                 | LHVXS.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            |
| <b>EMISSION DATA EU</b>                           |                       |
| 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            |
| <b>SOUND AND NOISE</b>                            |                       |
| 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)             |
| <b>VIBRATION</b>                                  |                       |
| Daily Vibration (Aeqv)                            | 7.8 m/s <sup>2</sup>  |
| Daily Vibration Exposure (A8)                     | 5.3 m/s <sup>2</sup>  |
| Daily Vibration Time (Time factor)                | 3.7 h                 |
| Equivalent vibration level (ahv, eq) front handle | 6.7 m/s <sup>2</sup>  |
| Equivalent vibration level (ahv, eq) rear handle  | 7.8 m/s <sup>2</sup>  |
| Vibrations left/front handle                      | 7.7 m/s <sup>2</sup>  |
| Vibrations right/rear handle                      | 10.6 m/s <sup>2</sup> |