



HUSQVARNA 390 XP®

A very powerful saw from our latest generation of large saws. Performance and vibration damping are dimensioned for sawing jobs that require longer cutting equipment. Good ergonomics and comfort make it easy to handle despite its size and high power. Smart Start® facilitates starting and rubber-mounted carburettor boosts durability and smoothes operation.



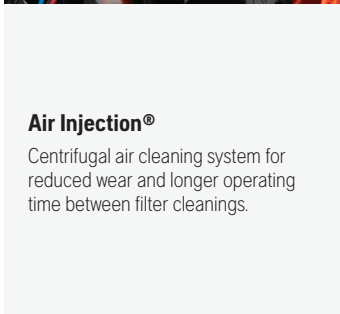
Quick-release air filter

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.



Side-mounted chain tensioner

Side-mounted chain tensioner makes chain adjustment quick and easy.



FEATURES

- Less filter cleanings with Air Injection
- Adjustable chain oil pump
- Quick-release air filter
- Quick and easy chain adjustment
- Magnesium crankcase designed for professional use
- Easy to maintain with snap locked filter cover
- Maximum durability for tough applications
- LowVib® sparing the user's arms and hands
- Smart Start® for easy starting
- Ergonomic grip with angled front handle
- Increased safety, inertia activated chain brake

Technical Specifications

| CAPACITY | |
|---|--------------------------------------|
| 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 |
| Power output | 4.8 kW |
| Racing speed lower limit | 13000 rpm |
| Torque, max. | 4.7 Nm |
| Torque, max. at rpm | 6600 rpm |
| CERTIFICATIONS | |
| Cert machine dir. 2006/42/EC Decl. No. | 0404/09/2110 |
| DIMENSIONS | |
| Article gross weight | 10939 g |
| Article net weight | 9810 g |
| Bar length (inch) | 24 in |
| Bar length | 60 cm |
| Weight (excl. cutting equipment) | 7.3 kg |
| ENGINE | |
| Carburetor | Walbro RWJ 116 |
| Cylinder bore | 55 mm |
| Cylinder displacement | 88 cm ³ |
| Cylinder stroke | 37 mm |
| Electrode gap | 0.5 mm |
| Engine Family EPA | MHVXS.0885AB |
| Ignition module air gap | 0.3 mm |
| Max engine/motor | 13000 rpm |
| Spark plug | Champion RCJ7Y, NGK BPMR7A |
| EQUIPMENT | |
| Bar mount type | Large |
| Chain type | C85 |
| Chainsaw sub-group | Full time professional use chainsaws |
| Gauge | 1.5 mm |
| Pitch | 3/8" |
| Source system | PAID |
| Sprocket type | Rim 7 |
| LUBRICANTS | |
| Fuel consumption | 476 g/kWh |
| Fuel consumption | 2.26 kg/h |
| Fuel tank volume | 0.9 l |
| Lubricant type | 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 |
| 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 | 545 mm |
| Packaging volume | 53.74 dm ³ |
| Packaging width | 340 mm |
| Quantity in Master pack | 1 |

Technical Specifications**EMISSION DATA EPA**

| | |
|---------------------------------|--------------|
| Engine Family EPA | MHVXS.0885AB |
| Exhaust emissions (CO average) | 277.30 g/kWh |
| Exhaust emissions (CO FEL) | 536 g/kWh |
| Exhaust emissions (CO average) | 827 g/kWh |
| Exhaust emissions (HC average) | 127.62 g/kWh |
| Exhaust emissions (NOx average) | 1.66 g/kWh |

EMISSION DATA EU

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

SOUND AND NOISE

| | |
|---------------------------------------|-------------|
| Sound level | 105.5 dB(A) |
| Sound power level, guaranteed (LWA) | 119 dB(A) |
| Sound power level, measured | 117 dB(A) |
| Sound pressure level at operators ear | 107.5 dB(A) |

VIBRATIONS

| | |
|---|----------------------|
| Daily Vibration (Aeqv) | 7.5 m/s ² |
| Daily Vibration Exposure (A8) | 5.1 m/s ² |
| Daily Vibration Time (Time factor) | 3.7 h |
| Equivalent vibration level (ahv, eq) front handle | 6.5 m/s ² |
| Equivalent vibration level (ahv, eq) rear handle | 7.5 m/s ² |
| Vibrations left/front handle | 5.8 m/s ² |
| Vibrations right/rear handle | 7 m/s ² |