



# HUSQVARNA 550 XP®

Husqvarna 550 XP® is developed for tree care professionals and skilled land owners. The saw has a ground breaking design and is loaded with innovative solutions for efficient, convenient operation. Our unique X-Torq® engine technology provide more power where you need it, up to 20% less fuel consumption and 75% less exhaust emission.



**X-Torq®**  
Deliver lower fuel consumption and reduced exhaust emission levels in accordance with the world's most stringent environmental regulations.



**AutoTune**  
AutoTune gives optimal engine performance throughout automatic engine setting. No time spent on carburettor adjustments. It compensates for different fuels, altitude, humidity, temperature and clogged air filter.



**Flip-up tank cap**  
The flip-up tank cap is easy to open and close when refueling.



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



**LowVib®**  
Effective anti-vibration dampeners absorb vibration, sparing the user's arms and hands.



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

## Additional features

### Quick-release air filter

Facilitates cleaning and replacement of the air filter.

### Side-mounted chain tensioner

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

### Quick release air filter cover

Quick release cover saves time when cleaning or changing spark plug.

### Three-piece crankshaft

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

### Slimmed-down design

Low, slender saw body makes the chainsaw easy and

### Combined choke/stop control

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

### Magnesium crankcase

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

### Snap-lock cylinder cover

Snap-lock cylinder cover saves time when changing spark plugs and cleaning.

### Smart Start®

The engine and starter have been designed so the machine starts quickly with minimum effort. Resistance in the starter cord is reduced by up to 40%.

convenient to handle in any situation.

#### Visible fuel level

Transparent fuel indicator makes it easy to check fuel level.

#### Retained bar nuts

The retaining function prevents losing the bar nuts.

#### Felling marks

Distinct, coloured felling marks for better felling precision.

#### Fuel pump

Fuel pump designed for easy starting.

#### Inertia chain brake

Effective inertia-activated chain brake.

## Technical data

### Engine specification

Cylinder displacement	50.1 cm <sup>3</sup> / 3.06 cu.inch
Cylinder bore	43 mm / 1.69 inch
Cylinder stroke	34.5 mm / 1.36 inch
Power output	2.8 kW
Maximum power speed	10200 rpm
Fuel tank volume	0.52 lit / 17.58 fl oz
Fuel consumption	446 g/kWh
Ignition module air gap	0.3 mm / 0.01 "
Idling speed	2800 rpm
Spark plug	NGK CMR6H
Electrode gap	0.5 mm / 0.02 "
Torque, max.	2.8 Nm/6900 rpm

### Lubricants

Oil tank volume	0.27 lit / 0.57 US pint
Oil pump type	Automatic

### Vibration & noise data

Equivalent vibration level (ahv, eq) front / rear handle	2.8/3.7 m/s <sup>2</sup>
Sound pressure level at operators ear	106 dB(A)
Sound power level, guaranteed (LWA)	116 dB(A)

### Cutting equipment

Chain pitch	.325"
Recommended bar length, min-max	33-50 cm / 13"-20"
Chain speed at max power	19.6 m/s / 64.3 fts
Chain speed at 133% of maximum engine power speed	26.1 m/s / 85.63 fts
Chain gauge	0.05 "
Sprocket type	Rim 7
Bar mount	Small

### Overall dimensions

Weight (excl. cutting equipment)	4.9 kg / 10.8 lbs
----------------------------------	-------------------

### Engine specification

Power output	2.8 kW
Fuel consumption	446 g/kWh (1.25 kg/h / 2.76 lbs/h)

### Fuel and lubricants

Lubricant type, engine	Husqvarna 2 stroke or equiv. at 50:1
------------------------	--------------------------------------

### Emission data EU

HC, g/kWh	58.92 g/kWh
CO, g/kWh	254.39 g/kWh
NOx, g/kWh	3.64 g/kWh
CO <sub>2</sub> , g/kWh	883.26 g/kWh
HC+NOx FEL, g/kWh	72 g/kWh
Approval certificate number (Emissions)	e5*97/68SH3G3*2002/88*0147*00 (II)

### Emission data EPA

HC, g/kWh	57.272 g/kWh
CO, g/kWh	270.53 g/kWh
NOx, g/kWh	4.017 g/kWh
CO <sub>2</sub> , g/kWh	836.924 g/kWh
HC+NOx FEL, g/kWh	72 g/kWh

### Noise data

Sound power level, guaranteed (LWA)	116 dB(A)
Sound pressure at operators ear	106 dB(A)
Standard	ISO 22868
Uncertainty - Sound pressure	1 dB(A)

### Vibration data

Equivalent vibration level (ahv, eq), front and rear handle	2.8/3.7 m/s <sup>2</sup>
Standard	ISO 22867
Uncertainty - Equivalent vibration level	1 m/s <sup>2</sup>

### Approvals

Cert EPA	
----------	--

Cert EU exhaust emission	Yes
Cert sound directive 2000/14/EC Decl. No	01/161/096
CE	Yes
Cert machine directive 2006/42/EC Decl. No	0404/11/2325
Cert ANSI B.175.1-2000	Yes
Cert Z62.1-03 Chain Saws	Yes
Cert Z62.3-04 Chain Saw Kickback	Yes
<b>Metals</b>	
Material content, tin	0.0006 kg / 0 lbs (0,01%)
<b>Plastics</b>	
Material content, PBT	0.024 kg / 0.05 lbs (0,49%)
Material content, PE	0.165 kg / 0.36 lbs (3,37%)
Material content, PP	0.023 kg / 0.05 lbs (0,47%)
Material content, POM	0.125 kg / 0.28 lbs (2,55%)
Material content, other plastics	0.059 kg / 0.13 lbs (1,2%)
<b>Rubber</b>	
Material content, silicone rubber	0.006 kg / 0.01 lbs (0,12%)
Material content, natural rubber	0.003 kg / 0.01 lbs (0,06%)
Material content, nitrile rubber	0.029 kg / 0.06 lbs (0,59%)
Material content, fluorosilicone rubber	0.0001 kg / 0 lbs (0%)
Material content, fluorocarbon rubber	0.032 kg / 0.07 lbs (0,65%)
Material content, cloroprene rubber	0.007 kg / 0.02 lbs (0,14%)
<b>Other</b>	
Total product weight	4.9 kg / 10.8 lbs

## Standard equipment



508 91 21-64 - .325 " Laminated bar Small bar mount

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



**501 84 04-64 - Saw chain H25 .325" 1,5 mm**

A fast-cutting, low-vibration chain where cutters have small-radius working corners for fast cutting and easy sharpening.

**Accessories**



**578 07 71-01  
Eyelet**

Eyelet with a unique design, made for arborists who use a standard chain saw. Offers a safe way to connect the chainsaw to the chainsaw stop. Has an overload release.



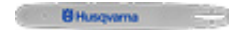
**508 92 61-56  
PIXEL .325 Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



**508 92 61-64  
PIXEL .325 Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



**508 92 61-72  
PIXEL .325 Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



**508 92 61-72  
PIXEL .325 Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



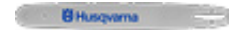
**508 91 21-56  
.325 " Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



**508 91 21-64  
.325 " Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



**508 91 21-72  
.325 " Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.



**508 91 21-72  
.325 " Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce



**508 91 21-80  
.325 " Laminated bar  
Small bar mount**

The gentle curve and small nose radius reduce



**501 84 06-56  
Saw chain H30 PIXEL .325"  
1,3 mm**

A chain developed to meet the specific needs



**501 84 06-64  
Saw chain H30 PIXEL .325"  
1,3 mm**

A chain developed to meet the specific needs

the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.

the risk of kickback and facilitate good cutting control. Bars are epoxy coated to protect against scratches and corrosion.

of today's lightweight chainsaws. It cuts a narrow kerf and requires less power from the saw than standard cutting systems. Low kickback and low-vibration features with Micro Chisel cutters. Not recommended for heavy duty work, e.g. storm damaged forests.

of today's lightweight chainsaws. It cuts a narrow kerf and requires less power from the saw than standard cutting systems. Low kickback and low-vibration features with Micro Chisel cutters. Not recommended for heavy duty work, e.g. storm damaged forests.



501 84 06-64  
Saw chain H30 PIXEL .325"  
1,3 mm

A chain developed to meet the specific needs of today's lightweight chainsaws. It cuts a narrow kerf and requires less power from the saw than standard cutting systems. Low kickback and low-vibration features with Micro Chisel cutters. Not recommended for heavy duty work, e.g. storm damaged forests.



501 84 06-72  
Saw chain H30 PIXEL .325"  
1,3 mm

A chain developed to meet the specific needs of today's lightweight chainsaws. It cuts a narrow kerf and requires less power from the saw than standard cutting systems. Low kickback and low-vibration features with Micro Chisel cutters. Not recommended for heavy duty work, e.g. storm damaged forests.



501 84 04-56  
Saw chain H25 .325" 1,5  
mm

A fast-cutting, low-vibration chain where cutters have small-radius working corners for fast cutting and easy sharpening.



501 84 04-64  
Saw chain H25 .325" 1,5  
mm

A fast-cutting, low-vibration chain where cutters have small-radius working corners for fast cutting and easy sharpening.



501 84 04-64  
Saw chain H25 .325" 1,5  
mm

A fast-cutting, low-vibration chain where cutters have small-radius working corners for fast cutting and easy sharpening.



501 84 04-72  
Saw chain H25 .325" 1,5  
mm

A fast-cutting, low-vibration chain where cutters have small-radius working corners for fast cutting and easy sharpening.



501 84 04-80  
Saw chain H25 .325" 1,5  
mm

A fast-cutting, low-vibration chain where cutters have small-radius working corners for fast cutting and easy sharpening.