



HUSQVARNA 445 e-series

Second generation powerful all-round saw for people who value professional qualities in a saw. Starts easily also with a slower pull, comes with slimmer saw body and flip-up tank caps. The X-Torq® engine means lower fuel consumption and reduced emission levels. Auto return stop switch, tool-less chain tensioner and visible fuel level makes the saw easier to handle. Equipped with Smart Start® and fuel pump to every time ensure easy starts. Available with TrioBrake™.



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



Inertia chain brake
Effective inertia-activated chain brake.



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%.



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



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



Easy to start
Combined start/stop switch and fuel pump make the saw very easy to start.

Additional features

Quick-release air filter

Facilitates cleaning and replacement of the air filter.

Combined choke/stop control

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

Three-piece crankshaft

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

Tool less chain tensioning

Quick and easy chain tensioning and assembling of the bar and the chain without using any tools.

Easy to start

Combined start/stop switch, Smart Start® and fuel pump make the saw very easy to start.

Felling marks

Distinct felling marks for better felling precision.

Snap-lock cylinder cover

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

LowVib®

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

Visible fuel level

Transparent fuel indicator makes it easy to check fuel level.

Fuel pump

Fuel pump designed for easy starting.

Technical data

Engine specification

Cylinder displacement	45.7 cm ³ / 2.8 cu.inch
Cylinder bore	42 mm / 1.65 inch
Cylinder stroke	33 mm / 1.3 inch
Power output	2.1 kW
Maximum power speed	9000 rpm
Fuel tank volume	0.45 lit / 15.22 fl oz
Fuel consumption	481 g/kWh
Ignition module air gap	0.3 mm / 0.01 "
Idling speed	2700 rpm
Spark plug	Champion RCJ7Y, NGK BPMR7A
Electrode gap	0.5 mm / 0.02 "
Torque, max.	2.4 Nm/6300 rpm

Lubricants

Oil tank volume	0.26 lit / 0.55 US pint
Oil pump type	Fixed flow

Vibration & noise data

Equivalent vibration level (ahv, eq) front / rear handle	1.9/2.6 m/s ²
Sound pressure level at operators ear	103 dB(A)
Sound power level, guaranteed (LWA)	114 dB(A)

Cutting equipment

Chain pitch	.325"
Recommended bar length, min-max	33-50 cm / 13"-20"
Chain speed at max power	17.3 m/s / 56.76 fts
Chain speed at 133% of maximum engine power speed	23 m/s / 75.46 fts
Sprocket type	Spur 7
Bar mount	Small

Overall dimensions

Weight (excl. cutting equipment)	5.1 kg / 11.33 lbs
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Logistical Data

Packaging size, LxWxH	48x26.5x34.5 mm / 0x0x0 inch
Pallet Size, LxWxH	120x100x222mm / 0x0x0inch
Pallet quantity	60

Engine specification

Power output	2.1 kW
Fuel consumption	481 g/kWh (0.98 kg/h / 2.16 lbs/h)

Fuel and lubricants

Lubricant type, engine	Husqvarna 2 stroke or equiv. at 50:1
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Emission data EU

HC, g/kWh	45.58 g/kWh
CO, g/kWh	412.49 g/kWh
NOx, g/kWh	0.98 g/kWh
CO ₂ , g/kWh	856.65 g/kWh
HC+NOx FEL, g/kWh	50 g/kWh
Approval certificate number (Emissions)	e5*97/68SH2G3*2002/88*0145*00 (II)

Emission data EPA

HC, g/kWh	43.94 g/kWh
CO, g/kWh	346.26 g/kWh
NOx, g/kWh	1.22 g/kWh
CO ₂ , g/kWh	904.31 g/kWh
HC+NOx FEL, g/kWh	50 g/kWh

Noise data

Sound power level, guaranteed (LWA)	114 dB(A)
Sound preassure at operators ear	103 dB(A)
Standard	ISO 22868
Uncertainty - Sound pressure	1 dB(A)

Vibration data

Equivalent vibration level (ahv, eq), front and rear handle	1.9/2.6 m/s ²
Standard	ISO 22867
Uncertainty - Equivalent vibration level	1 m/s ²

Approvals

Cert EU exhaust emission	Yes
Cert sound directive 2000/14/EC Decl. No	01/161/068
CE	Yes
Cert machine directive 2006/42/EC Decl.	0404/09/2161

No	
Cert ANSI B.175.1-2000	Yes
Cert Z62.1-03 Chain Saws	Yes
Cert Z62.3-04 Chain Saw Kickback	Yes
Metals	
Plastics	
Material content, PBT	0.0011 kg / 0 lbs (0,02%)
Material content, PE	0.154 kg / 0.34 lbs (3,02%)
Material content, PP	0.001 kg / 0 lbs (0,02%)
Material content, POM	0.132 kg / 0.29 lbs (2,59%)
Material content, other plastics	0.011 kg / 0.02 lbs (0,22%)
Rubber	
Material content, nitrile rubber	0.007 kg / 0.02 lbs (0,14%)
Material content, hydrogenated nitrile rubber	0.008 kg / 0.02 lbs (0,16%)
Material content, fluorosilicone rubber	0.0001 kg / 0 lbs (0%)
Material content, fluorocarbon rubber	0.031 kg / 0.07 lbs (0,61%)
Material content, cloroprene rubber	0.009 kg / 0.02 lbs (0,18%)
Other	
Total product weight	5.1 kg / 11.33 lbs

Standard equipment



501 83 44-09 - Bar cover

Made from impact-resistant plastic. Fits different bar lengths.

Accessories



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

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508 92 61-72
PIXEL .325 Laminated bar
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508 91 21-56
.325 " Laminated bar
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501 84 06-56
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.

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501 84 06-72
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501 84 06-72
Saw chain H30 PIXEL .325"

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

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

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

1,3 mm

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mm

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

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

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