



Husqvarna 435 e-series

Husqvarna 435 is designed for the landowner who prefer a lightweight and efficient all-round petrol chainsaw that's exceptionally easy to start and manoeuvre. Delivers versatile cutting capacity in a low-weight package, equipped with an array of features for smooth starting and handling: Flip-up tank caps, fuel pump, and auto-return stop switch. The fuel-efficient X-Torq® engine ensures low emission levels. The "e" version adds tool-less chain tensioner and Smart Start® for even easier handling.



Felling Marks

Dedicated marks for increased felling precision



Quick-Release Air Filter

Easily remove and replace the filter after cleaning

Flip-Up Fuel Cap

The flip-up fuel cap is easy to open and close when refueling, even if you are wearing thick gloves.



Smart Start® Technology

Specially-designed engine and starter for easy and fast starting with minimum effort. Resistance in the starter cord is reduced by up to 40%.



FEATURES

- The flip-up fuel cap is easy to open and close when refueling, even if you are wearing thick gloves.
- Easily remove and replace the filter after cleaning
- Dedicated marks for increased felling precision
- Specially-designed engine and starter for easy and fast starting with minimum effort
- Centrifugal air cleaning system expels larger dust and debris particles before they reach the air filter to help improve engine life
- Great power and efficiency
- Forged three-piece crankshaft delivers maximum durability for even the toughest of jobs
- Effective LowVib® dampeners absorb vibration, sparing the user's arms and hands.
- Transparent fuel indicator makes it easy to check fuel level
- Saves time when changing spark plugs and cleaning
- Effective inertia-activated chain brake reduces the likelihood of injury due to kickback.
- Combined start/stop switch, Smart Start® and fuel pump make the saw very easy to start.
- Air purge removes air from carburetor and fuel system for easy starting

Technical Specifications

CAPACITY	
Chain speed at 133% of maximum engine power speed	23 m/s
Chain speed at max power	17.3 m/s
Clutch engagement speed (±120)	4300 rpm
Idling speed	2900 rpm
Ignition module air gap	0.3 mm
Maximum power speed	9000 rpm
Output shaft power	1.6 kW
Torque, max.	2 Nm
Torque, max. at rpm	6300 rpm
DIMENSIONS	
Article gross weight	5682 g
Article net weight	5081 g
Bar length (inch)	15 in
Bar length	38 cm
Weight (excl. cutting equipment)	4.4 kg
ENGINE	
Cylinder bore	41 mm
Cylinder displacement	40.9 cm ³
Cylinder stroke	31 mm
Electrode gap	0.5 mm
Engine Family CARB	MHVXS.0414AC
Engine Family EPA	MHVXS.0414AC
Ignition module air gap	0.3 mm
EQUIPMENT	
Bar mount type	HSM
Chain type	H30
Chainsaw sub-group	Part time use chainsaws
Handle type	Standard
Pitch	.325"
Sprocket type	Spur 7
LUBRICANTS	
Fuel consumption	652 g/kWh
Fuel consumption	1.08 kg/h
Fuel tank volume	0.37 l
Oil pump type	Fixed flow
Oil tank volume	0.25 l
Power/fuel type	Gasoline
MATERIALS	
Master pack: Paper material	0 g
Metal total	0 g
Paper material total	1100 g
HDPE (02) total	0 g
PET (01) total	0 g
Plastic foil total	0 g
Plastic rigid total	0 g
Plastic total	0 g
PS/EPS/HIPS (06) total	0 g
PACKAGING	
Quantity in Master pack	1
EMISSION DATA CARB	
Engine Family CARB	MHVXS.0414AC
Exhaust emissions (CO average) CARB	312.48 g/kWh
Exhaust emissions (CO average) CARB	830 g/kWh
Exhaust emissions (HC average) CARB	35.54 g/kWh
Exhaust emissions (NOx average) CARB	0.73 g/kWh
EMISSION DATA EPA	

Technical Specifications

Engine Family EPA	MHVXS.0414AC
Exhaust emissions (CO average) EPA	312.48 g/kWh
Exhaust emissions (CO FEL) EPA	536 g/kWh
Exhaust emissions (CO average) EPA	830 g/kWh
Exhaust emissions (HC average) EPA	35.54 g/kWh
Exhaust emissions (NOx average) EPA	0.73 g/kWh
EMISSION DATA EU	
Exhaust emissions (CO average) EU	355.73 g/kWh
Exhaust emissions (CO average) EU	813 g/kWh
Exhaust emissions (CO EU V)	813 g/kWh
Exhaust emissions (HC average) EU	42.44 g/kWh
Exhaust emissions (NOx average) EU	0.66 g/kWh
SOUND AND NOISE	
Sound power level, guaranteed (LWA)	114 dB(A)
Sound power level, measured	112 dB(A)
Sound pressure level at operators ear	102 dB(A)
VIBRATIONS	
Daily Vibration (Aeqv)	4.2 m/s ²
Daily Vibration Exposure (A8)	2.9 m/s ²
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	3.8 m/s ²
Equivalent vibration level (ahv, eq) rear handle	4.2 m/s ²