



## HUSQVARNA 535FBx

Husqvarna 535FBx is the first application for top spacing. The design provide total load distribution, the engine is located in a harness on the user's back. The cutting equipment is hinged in a flexible suspension for best comfort and flexibility, to make work easy with high precision.



### X-Torq® engine

The X-Torq® engine design reduces harmful exhaust emissions by up to 75% and increases fuel efficiency by up to 20%.



### Flexible saw suspension

The saw has a flexible suspension for less fatigue and increased comfort.

### Total load distribution

The harness and suspension frame provide total load distribution.



### Auto return stop switch

When the machine is turned off, the stop button automatically returns to start position for trouble free start.



## FEATURES

- Total load distribution
- Flexible saw suspension
- X-Torq® engine cuts emission and fuel consumption
- Auto return stop switch for easy starting
- Comfortable handle design
- Comfortable handles
- LowVib® sparing the user's arms and hands
- Air purge for easier cold starting
- Adjustable, automatic chain lubrication
- Detachable shaft easy transport and storage
- Adjustable handle bar for best comfort

### Technical Specifications

<b>CAPACITY</b>	
Chain speed at max power	18.5 m/s
Clutch engagement speed ( $\pm 120$ )	4300 rpm
Clutch engagement upper limit	5300 rpm
Idling speed	2900 rpm
Idling upper limit	3900 rpm
Maximum power speed	8400 rpm
Maximum rpm output shaft	8220 rpm
Power output	1.6 kW
Racing speed lower limit	10200 rpm
Torque, max.	2 Nm
Torque, max. at rpm	6600 rpm
<b>CERTIFICATIONS</b>	
Cert machine dir. 2006/42/EC Decl. No.	0404/09/2163
<b>DIMENSIONS</b>	
Article gross weight	14200 g
Article net weight	13000 g
Bar length (inch)	13"
Size	13"
Weight (excl. cutting equipment)	12.4 kg
<b>ENGINE</b>	
Cylinder bore	38 mm
Cylinder displacement	34.6 cm <sup>3</sup>
Cylinder stroke	30.5 mm
Engine Family CARB	LHVXS.0354EE
Engine Family EPA	GHVXS.0354ED
Electrode gap	0.5 mm
Gear ratio	1.29
Ignition module air gap	0.3 mm
Spark plug	Champion RCJ6Y
<b>EQUIPMENT</b>	
Chain type	SP33G
Drive links	56
OEM Harness	Integrated
Output shaft thread	3/8"-24H
Pitch	.325"
Technical Platform	HPT-R18
<b>LUBRICANT</b>	
Fuel consumption	463 g/kWh
Fuel consumption	0.99 kg/h
Fuel tank volume	0.6 l
Lubricant type (bevel gear)	Mineral grease
Power/fuel type	Gasoline
<b>MATERIALS</b>	
Master pack: Paper + Cardboard	0 g
Metal total	0 g
Paper	800 g
Paper + Cardboard total	800 g
PE total	0 g
PET total	0 g
Plastic foil	0 g
Plastic rigid	30 g
Plastic total	30 g
PS/EPS/HIPS total	0 g
<b>PACKAGING</b>	
Packaging height	310 mm
Packaging length	1850 mm
Packaging volume	189.255 dm <sup>3</sup>
Packaging width	330 mm
Pallet layers	3
Quantity in Master pack	1
<b>EMISSION DATA CARB</b>	
Engine Family CARB	LHVXS.0354EE
Engine Family EPA	GHVXS.0354ED
Exhaust emissions (CO average)	243.69 g/kWh

<b>Technical Specifications</b>	
Exhaust emissions (CO average)	1029 g/kWh
Exhaust emissions (HC average)	29.31 g/kWh
Exhaust emissions (NOx average)	1.09 g/kWh
<b>EMISSION DATA EPA</b>	
Exhaust emissions (CO average)	243.69 g/kWh
Exhaust emissions (CO FEL)	536 g/kWh
Exhaust emissions (CO average)	1029 g/kWh
Exhaust emissions (HC average)	29.31 g/kWh
Exhaust emissions (NOx average)	1.09 g/kWh
<b>EMISSION DATA EU</b>	
Exhaust emissions (CO average)	418.31 g/kWh
Exhaust emissions (CO average)	862 g/kWh
Exhaust emissions (HC average)	40.51 g/kWh
Exhaust emissions (NOx average)	0.46 g/kWh
<b>SOUND AND NOISE</b>	
Sound pressure level at operators ear	94 dB(A)
Sound power level, guaranteed (LWA)	111 dB(A)
Sound power level, measured	110 dB(A)
<b>VIBRATION</b>	
Daily Vibration (Aeqv)	1.8 m/s <sup>2</sup>
Daily Vibration Exposure (A8)	1.2 m/s <sup>2</sup>
Daily Vibration Time (Time factor)	3.5 h
Equivalent vibration level (ahv, eq) front handle	1.8 m/s <sup>2</sup>
Equivalent vibration level (ahv, eq) rear handle	1.2 m/s <sup>2</sup>