



## HUSQVARNA 455 Rancher

The 455 Rancher is an ideal saw for landowners and part-time users who require a high powered, heavy-duty and responsive workmate for all cutting conditions. It combines the best characteristics of its predecessor with new, facilitating technology and ergonomics. Equipped with AutoTune engine setting for trouble free work.



### LowVib®

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



### X-Torc®

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

### Air Injection®

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



### Flip-up tank cap

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



## FEATURES

- Less filter cleanings with Air Injection
- X-Torq® engine cuts emission and fuel consumption
- LowVib® sparing the user's arms and hands
- Easy refueling with flip-up cap
- Adjustable chain oil pump
- Automatic engine setting with AutoTune
- Quick-release air filter
- Felling marks for correct felling direction
- Intuitive, combined choke/stop control
- Maximum durability for tough applications
- Smart Start® for easy starting
- Easy to maintain with snap locked cylinder cover
- Ergonomic grip with angled front handle
- Increased safety, inertia activated chain brake
- Air purge for easier cold starting

Technical Specifications	
<b>CAPACITY</b>	
Chain speed at 133% of maximum engine power speed	26.6 m/s
Chain speed at max power	20 m/s
Clutch engagement speed (±120)	3900 rpm
Idling speed	2700 rpm
Ignition module air gap	0.3 mm
Maximum power speed	9000 rpm
Power output	2.6 kW
Torque, max.	3.2 Nm
Torque, max. at rpm	6600 rpm
<b>CERTIFICATIONS</b>	
Cert machine dir. 2006/42/EC Decl. No.	0404/12/2351
<b>DIMENSIONS</b>	
Article gross weight	8048 g
Article net weight	7010 g
Bar length (inch)	15"
Weight (excl. cutting equipment)	5.9 kg
<b>ENGINE</b>	
Cylinder bore	47 mm
Cylinder displacement	55.5 cm <sup>3</sup>
Cylinder stroke	32 mm
Electrode gap	0.5 mm
Engine Family EPA	KHVXS.0565AD
Ignition module air gap	0.3 mm
Max engine/motor RPM	13300 rpm
Spark plug	NGK BPMR7A
<b>EQUIPMENT</b>	
Bar mount type	Small
Chain type	H25
Chainsaw sub-group	Part time use chainsaws
Gauge	1.5 mm
Handle type	Standard
Pitch	.325"
Source system	PAID
Sprocket type	Spur 7
<b>LUBRICANT</b>	
Fuel consumption	407 g/kWh
Fuel consumption	1.04 kg/h
Fuel tank volume	0.44 l
Lubricant type	Husqvarna 2 stroke or equiv. at 50:1
Oil pump capacity Max	17 ml/min
Oil pump capacity Min	6 ml/min
Oil pump type	Adjustable flow
Oil tank volume	0.32 l
Power/fuel type	Gasoline
<b>PACKAGING</b>	
Packaging height	250 mm
Packaging length	470 mm
#Packaging volume	0.040 m <sup>3</sup>
Packaging volume	39.95 dm <sup>3</sup>
Packaging width	340 mm
Quantity in Master pack	1
<b>EMISSION DATA EPA</b>	
Engine Family EPA	KHVXS.0565AD
Exhaust emissions (CO average)	181.04 g/kWh
Exhaust emissions (CO FEL)	536 g/kWh
Exhaust emissions (CO average)	954 g/kWh
Exhaust emissions (HC average)	46.57 g/kWh
Exhaust emissions (NOx average)	2.71 g/kWh
<b>EMISSION DATA EU</b>	

**Technical Specifications**

Exhaust emissions (CO average)	185.08 g/kWh
Exhaust emissions (CO average)	883 g/kWh
Exhaust emissions (CO <sub>2</sub> EU V)	883 g/kWh
Exhaust emissions (HC average)	45.16 g/kWh
Exhaust emissions (NO <sub>x</sub> average)	2.41 g/kWh
<b>SOUND AND NOISE</b>	
Sound level	104 dB(A)
Sound power level, guaranteed (LWA)	114 dB(A)
Sound power level, measured	112 dB(A)
Sound pressure level at operators ear	104 dB(A)
<b>VIBRATION</b>	
Daily Vibration (Aeqv)	6.9 m/s <sup>2</sup>
Daily Vibration Exposure (A8)	4.7 m/s <sup>2</sup>
Daily Vibration Time (Time factor)	3.7 h
Equivalent vibration level (ahv, eq) front handle	3.8 m/s <sup>2</sup>
Equivalent vibration level (ahv, eq) rear handle	6.9 m/s <sup>2</sup>
Vibrations handlebar	1 m/s <sup>2</sup>