



HUSQVARNA 545RX

Professional brushcutter with high performance as well as sensational ergonomics and manoeuvrability. The X-Torq® engine provide raw power and excellent fuel economy. Optimized shaft length and bevel gear angled 35 degrees. Delivered with Balance X harness.



Balance X

Ergonomic harness with broad back support, shoulder straps and hip belt that distributes the load over a larger area.



Adjustable handle bar

Adjustable and ergonomically designed handlebar for best comfort.

X-Torq® engine

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



Long shaft

Long shaft providing extended reach, facilitating grass clearing.



FEATURES

- X-Torq® engine cuts emission and fuel consumption
- Adjustable handle bar for best comfort
- Comfortable Balance X harness
- Straight shaft for extended reach
- Easy to use trimmer head
- Good balance with fuel tank in front of engine
- Smart Start® for easy starting
- Auto return stop switch for easy starting
- Ergonomic designed handles
- Versatile use with combi guard
- Comfortable handles
- Easy switch of cutting equipment
- High handle bar, more leg space
- LowVib® sparing the user's arms and hands
- Transparent tank, easy to check fuel level
- Air purge for easier cold starting
- Grass bevel gear for best cutting performance
- Adjustable harness hook eyelet
- Comfortable handle design
- Soft grip handles

Technical Specifications		
CAPACITY		
Clutch engagement speed (±120)		3900 rpm
Clutch engagement upper limit		5700 rpm
Clutch threshold for alert		26 %
Clutch threshold for warning		16 %
Idling speed		2700 rpm
Idling upper limit		4100 rpm
Maximum power speed		9000 rpm
Maximum rpm output shaft		8800 rpm
Output shaft thread		M12x1.75V
Power output		2.1 kW
Racing speed lower limit		10700 rpm
Racing threshold for alert		16 %
Racing threshold for warning		6 %
Torque, max.		2.6 Nm
Torque, max. at rpm		6000 rpm
CERTIFICATIONS		
#Approved according to CE		Yes
Cert machine dir. 2006/42/EC Decl. No.		SEC/11/2293
DIMENSIONS		
Article gross weight		14744 g
Article net weight		12652 g
Cutting width		49 cm
Racing speed lower limit		10700 rpm
Racing threshold for alert		16 %
Racing threshold for warning		6 %
Tube diameter		32 mm
Tube length		1465 mm
Weight (excl. cutting equipment)		8.9 kg
ENGINE		
Cylinder bore		42 mm
Cylinder displacement		45.7 cm ³
Cylinder stroke		33 mm
Electrode gap		0.5 mm
Engine Family EPA		MHVXS.0464AC
Gear ratio		1
Ignition module air gap		0.3 mm
Spark plug		NGK CMR6H
EQUIPMENT		
Drive gear angle		35 °
Grass blade		Multi 300-3
Harness		Balance X
Trimmer head		T45X M12
LUBRICANTS		
Fuel consumption		450 g/kWh
Fuel consumption		1 kg/h
Fuel tank volume		0.9 l
Lubricant type		Husqvarna 2 stroke or equiv. at 50:1
Lubricant type (bevel gear)		Biodegradable grease
Power/fuel type		Gasoline
MATERIALS		
Master pack: Paper + Cardboard		0 g
Metal total		0 g
Paper		2770 g
Paper + Cardboard total		4220 g
PE foil		225 g
PE total		225 g
PET total		0 g

Technical Specifications	
Plastic foil	225 g
Plastic rigid	0 g
Plastic total	225 g
PS/EPS/HIPS total	0 g
PACKAGING	
Packaging height	310 mm
Packaging length	1850 mm
Packaging volume	189.255 dm ³
Packaging width	330 mm
Pallet layers	3
Quantity in Master pack	1
EMISSION DATA EPA	
Exhaust emissions (CO average)	269.16 g/kWh
Exhaust emissions (CO FEL)	536 g/kWh
Exhaust emissions (CO average)	934 g/kWh
Exhaust emissions (HC average)	35.37 g/kWh
Exhaust emissions (NOx average)	1.76 g/kWh
EMISSION DATA EU	
Exhaust emissions (CO average)	262.85 g/kWh
Exhaust emissions (CO average)	910 g/kWh
Exhaust emissions (CO2 EU V)	910 g/kWh
Exhaust emissions (HC average)	36.45 g/kWh
Exhaust emissions (NOx average)	1.96 g/kWh
SOUND AND NOISE	
Sound power level, guaranteed (LWA)	117 dB(A)
Sound power level, measured	115 dB(A)
Sound pressure level at operators ear	101 dB(A)
VIBRATIONS	
Daily Vibration (Aeqv)	3.2 m/s ²
Daily Vibration Exposure (A8)	2.1 m/s ²
Daily Vibration Time (Time factor)	3.5 h
Equivalent vibration level (ahv, eq) left handle	3.2 m/s ²
Equivalent vibration level (ahv, eq) right handle	2.9 m/s ²