



Model Number: 970494901

Husqvarna 970494901, K970 SmartGuard with 16In Blade Incl, Bundle ENO25OFF, GTIN 805544951098

Manufacturer: Husqvarna Equipment

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25% off Applied for next 27 sales (Sept 2024)

K 970 SmartGuard is sturdy, reliable, light, powerful and ready to perform when you are. The ultimate choice when you need an all-round cutter performing in the toughest conditions, withstanding climate and fuel variations. Equipped with SmartGuard, an extended blade guard design which reduces the likelihood of accidents and circumstances when a kickback may occur as it emphasizes correct technique and correct cutting zone. Suitable for road works when used with the corresponding KV 970 trolley. The trolley also means you can fully concentrate on the cutting job.

The semi-automatic SmartTension minimises the risk of under- and over tensioning

The unique design of the carburetor, cylinder and digital ignition system, together with air purge and decompression valve, ensure an easy start.

Excellent dust control with our wet cutting kit.

A progressive water valve for exact adjustment of the water volume to efficiently bind the dust and reduce slurry.

A light, compact and powerful machine with superior power-to-weight ratio.

Blades with 20mm and 25.4mm bore can be fitted thanks to the reversible blade bushing.

The only time the filter needs to be checked and changed is if you experience lack of power.

Our built-in automatic filter compensation SmartCarb®; maintains high power and lowers fuel consumption.

Reduced wear thanks to the drive belt with fully sealed transmission, which keeps out the cutting dust.

Reduces the stop time of the blade when the machine is switched off, which enables you to quickly move on to the next job.

Patented, dust sealed starter unit with a sealed return spring and pulley bearing.

DuraStarter®; also includes a starter cord with greatly increased durability.

This makes the starter virtually maintenance free, further enhancing the reliability of our cutters

Our X-Torque® engine produces less emissions, has lower fuel consumption and results in more power.

Our two-step filtration system with centrifugal cleaning and a single paper filter increases product life and extends service intervals.

Our anti-vibration system reduces vibrations in the cutter handles, so they are more comfortable to hold and can be used for longer periods. To provide the user a comfortable operating position reduced strain, the distance between the handles is large. The handles and the short engine body mean the user always stands close to

the machine, for easier handling and control.
The On/Off water trigger supports wet cutting, with easily adjustable water flow during operation.
The water flow starts first when the trigger lock-out is activated.

Compare to current or past OEM associations
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Idling speed 2700 rpm

Idling upper limit 3500 rpm

Maximum power speed 9000 rpm

Power/weight ratio 0,375 kW/kg

Output power 6.5 hp

Output shaft RPM, max 4300 rpm

Peripheral speed, max 18000 fpm

Racing speed lower limit 9100 rpm

Water pressure, max 150 psi

Article gross weight 17200 g

Article net weight 15400 g

Arbor diameter 1-7/8B

Blade diameter, max 16 in

Blade flange diameter 4.13 in

Blade thickness, max 0.2 in

Cutting depth, max 6 in

Product size height 19.45 in

Product size length 34.45 in

Product size width 8.7 in

Weight 28.2 lbs

Cylinder bore 2.2 in

Cylinder displacement 5.71 cu.inch

Cylinder stroke 1.5 in

Cylinders 1

Electrode gap 0.02 in

Engine cooling Fan/Air

Max engine/motor 9300 rpm

Spark Plug NGK BPM7A

Equipment

Starter

Manual cord with spring

Water connector Gardena Male

Engine cooling Fan/Air

Fuel consumption 500 g/kWh

Fuel tank volume 33.8 fl oz

Lubricant type (Engine) Husqvarna 2 stroke or equiv. at 50:1

Sound power level, guaranteed (LWA) 115 dB(A)

Sound power level, measured 114 dB(A)

Sound pressure level at operators ear 104 dB(A)

Daily Vibration (Aeqv) 4.4 m/s²;

Daily Vibration Exposure (A8) 1.43 m/s²;

Daily Vibration Time (Time factor) 1 h

Equipment: Carpet Cleaning Machines > Vacuum Cleaners > HEPA Concrete Dust Slurry Hazmat Vacuums >

Vibrations left/front handle 2.6 m/s²;

Vibrations right/rear handle 4.4 m/s²;

Exhaust emissions (CO average) EPA 402.55 g/kWh

Exhaust emissions (CO FEL) EPA 536 g/kWh

Exhaust emissions (CO_a, average) EPA 743 g/kWh

Exhaust emissions (HC average) EPA 53.56 g/kWh

Exhaust emissions (NO_x average) EPA 0.96 g/kWh

Packaging length 780 mm

Packaging width 260 mm

Packaging height 550 mm

Availability: This product was added to our catalog on Thursday 02 May, 2024