

Husqvarna K 770

The Husqvarna K 770 is a powerful all-round power cutter with features that make it one of the best power cutters on the market. Equipped with semi-automatic SmartTension™ system allows for optimal power transmission, minimum wear and maximum belt life. The light weight, outstanding power-to-weight ratio, the reliable start and exceptionally low vibrations mean less strain and maximized productivity. Suitable for road work and easy to cut in a straight or curved track or close to sidewalk when used with KV7 trolley.



Heavy-duty cutting arm

The new-designed cast magnesium crankcase has a three-bolt joint to attach the cutting head, enabling higher torsional rigidity than the previous two-bolt solution.

Light and powerful

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

Easy and optimal belt tensioning

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



Long service intervals

A strong Poly-V belt combined with our maintenance-free DuraStarter™ and efficient filter-system Active Air Filtration™ ensure long service intervals.



PXM_FEATURES

- Easy and optimal belt tensioning
- Light and powerful
- Heavy-duty cutting arm
- Long service intervals
- Digital ignition with optimised timing
- Vibrations below 2.5 m/s² in the cutter handles for more comfort and longer operation periods.
- Easy to start
- The only time the filter needs to be checked and changed is if you experience lack of power.
- High power with less fuel
- Optimized engine performance through efficient cylinder design, digital ignition system and X-Torq® engine technology.
- Less slurry and low water consumption
- Easy to change bladeguard position
- Fits multiple blade bushings
- Our X-Torq® engine produces less emissions, has lower fuel consumption and results in more power.
- Smooth blade stop
- 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.
- Reduced wear thanks to the drive belt with fully sealed transmission, which keeps out the cutting dust.
- The cutting arm is reversible which lets you cut closer to walls or the ground. The drive belt has a fully sealed transmission. This keeps out cutting dust etc, reducing wear.
- 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 and to reduce 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.
- Our virtually maintenance free starter, thanks to the dust-sealed starter and the durable starter cord.
- Provides better transmission of power, less frequent re-tensioning and extended service intervals.
- Our built-in automatic filter compensation maintains high power during the air filter life time.
- Asphalt cutting in roadworks.
- Cutting building blocks, curbstones and garden pavers.
- Burying of all kinds of cables.
- Cutting cast concrete.
- Regular cutting in floors and walls.
- Cutting in rescue operations.
- Blade shaft and bearings

Technical Specifications

CAPACITY	
Idling speed	2700 rpm
Idling upper limit	3500 rpm
Maximum power speed	9000 rpm
Power/weight ratio	0.33 kW/kg
Output power	5 hp
Output shaft RPM, max	4700 rpm
Peripheral speed, max	16000 fpm
Racing speed lower limit	9100 rpm
DIMENSIONS	
Article gross weight	11000 g
Article net weight	10000 g
Arbor diameter	0.8/1 in
Blade diameter, max	12 in
Blade flange diameter	4.13 in
Blade thickness, max	0.2 in
Cutting depth, max	4 in
Product size height	15.39 in
Product size length	23.82 in
Product size width	8.86 in
Weight	22 lbs
ENGINE	
Cylinder bore	2.01 in
Cylinder displacement	4.48 cu.inch
Cylinder stroke	1.42 in
Cylinders	1
Electrode gap	0.02 in
Engine cooling	Fan/Air
Max engine/motor	9300 rpm
Spark plug	NGK BPR7A
EQUIPMENT	
Starter	Manual cord with spring
Water connector	Gardena Male
LUBRICANTS	
Engine cooling	Fan/Air
Fuel consumption	470 g/kWh
Fuel tank volume	30.4 fl oz

Technical Specifications

Lubricant type (Engine)	Husqvarna 2 stroke or equiv. at 50:1
SOUND AND NOISE	
Sound power level, guaranteed (LWA)	115 dB(A)
Sound power level, measured	113 dB(A)
Sound pressure level at operators ear	101 dB(A)
VIBRATIONS	
Daily Vibration (Aeqv)	2.3 m/s ²
Daily Vibration Exposure (A8)	0.8 m/s ²
Daily Vibration Time (Time factor)	1 h
Vibrations left/front handle	2.1 m/s ²
Vibrations right/rear handle	2.3 m/s ²
EMISSION DATA EPA	
Exhaust emissions (CO average)	432.0 g/kWh
Exhaust emissions (CO FEL)	536 g/kWh
Exhaust emissions (CO average)	717 g/kWh
Exhaust emissions (HC average)	49.27 g/kWh
Exhaust emissions (NOx average)	0.94 g/kWh
EMISSION DATA EU	
Exhaust emissions (CO average)	428.16 g/kWh
Exhaust emissions (CO average)	711 g/kWh
Exhaust emissions (HC average)	51.36 g/kWh
Exhaust emissions (NOx average)	0.94 g/kWh
PACKAGING	
Packaging length	700 mm
Packaging width	250 mm
Packaging height	430 mm