



Husqvarna K 770

The Husqvarna K 770 12" is a powerful all-round cutter with features that make it one of the best disc 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 maximised 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

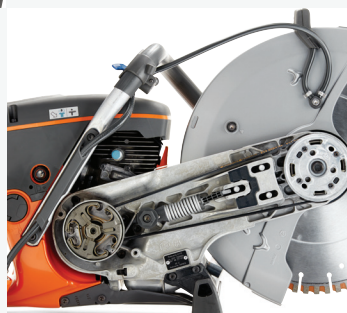
The new-designed cast magnesium crankcase has a three-bolt joint to attach the cutting head, enabling higher torsional rigidity than the previous two-bolt solution.

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 starter DuraStarter™ and efficient filter-system Active Air Filtration™ ensures long service intervals.



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
- Optimised 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, lower fuel consumption and produces more power.
- Smooth blade stop
- Our dust-sealed starter, where the return spring and the pulley bearing are sealed, gives a virtually maintenance free starter. Developed with a durable starter cord.
- Reduced wear thanks to the drive belt with fully sealed transmission, which keeps out the cutting dust.
- Cuts close to walls or ground
- Our two-step filtration system with centrifugal cleaning and a single paper filter increases product life and extends service intervals.
- Anti-vibration system
- 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	3.7 kW
Output shaft RPM, max	4700 rpm
Peripheral speed, max	80 m/s
Racing speed lower limit	9100 rpm
DIMENSIONS	
Article gross weight	11000 g
Article net weight	10027 g
Arbor diameter	20 mm
Blade diameter, max	300 mm
Blade flange diameter	105 mm
Blade thickness, max	5 mm
Cutting depth, max	100 mm
Product size height	391 mm
Product size length	605 mm
Product size width	225 mm
Weight	10 kg
ENGINE	
Cylinder bore	51 mm
Cylinder displacement	73.5 cm ³
Cylinder stroke	36 mm
Cylinders	1
Electrode gap	0.5 mm
Engine cooling	Fan/Air
Max engine/motor	9300 rpm
Spark plug	NGK BPMR7A
EQUIPMENT	
Starter	Manual cord with spring
Water connector	Gardena Male
LUBRICANTS	
Engine cooling	Fan/Air
Fuel consumption	470 g/kWh
Fuel tank volume	0.9 l
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)

Technical Specifications**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