

## THE POWER CUTTER USER GUIDE FOR MORE EFFICIENT CUTTING

Safety and ergonomics have always been key areas in our product development. Two factors that automatically lead to more efficient work. Now we have taken this approach one step further by introducing the comprehensive Power Cutter User Guide as a complement to the Operator's manual. It's a useful source of information for both professional and occasional users.

The educational material consists of many photos and video clips that show what is important to consider before, during and after cutting. Learn and be inspired to work as safely, ergonomically and efficiently as possible in any given situation.

You'll find the our Power Cutter User Guide in the UpServices section on our website [www.husqvarnacp.com](http://www.husqvarnacp.com)

# BORN

# AN ICON

## THE NEW HUSQVARNA K 770

Progressive by nature. Proven by heritage.



# DESIGNED FOR PROFESSIONALS EVERYWHERE

Why choose the new Husqvarna K 770 power cutter? Because it is designed to exceed your expectations. It has been built with decades of global experience behind it and hundreds of thousands of Husqvarna power cutter users' input from around the globe. This power cutter delivers on all the proven qualities and features you've come to appreciate in its forerunners.

Building on this proud history of dependable power cutters, we've added new, carefully selected features and improvements to make operating your K 770 power cutter an even better experience. Progress and heritage – that's the way we've been doing it since it all started back in 1958. It's our tradition and that's why we will continue to bring iconic power cutters to you, for many years to come.

# THE TOP 10 BENEFITS THAT BOOST YOUR PRODUCTIVITY



## 1 EASY TO HANDLE RIGHT OUT OF THE BOX

Fit the blade. Fill the tank. Prime, choke and pull the cord. That's all it takes to get Husqvarna K770 up and running.

## 2 RELIABLE TO EARN YOUR TRUST

Your equipment should always be ready for the job at hand. You can count on the new Husqvarna K770, being built on the proven technology of its forerunners.

## 3 POWERFUL FOR REALLY DEMANDING JOBS

Inside its compact body, the new Husqvarna K770 hides a powerful 74 cc engine delivering a massive torque, allowing it to handle lots of load.

## 4 DURABLE TO WITHSTAND ROUGH HANDLING

All Husqvarna petrol power cutters are built to withstand being tossed around and washed off with a garden hose. Husqvarna K770 is no exception.

## 5 EFFICIENT DUST SUPPRESSION

The low-pressure wet cutting system allows for optimized water flow, producing only a minimum of slurry to bind the dust in compliance with legal requirements.

## 6 DESIGNED TO MAKE YOU FEEL STRONGER

The distance between the front and rear handles is designed to provide an efficient lever, increasing your force in the cut.

## 7 PROTECTING YOU FROM STRAIN AND FATIGUE

After a full day's work with the new Husqvarna K770, we think you'll appreciate the low weight and highly efficient vibration damping of the handles.

## 8 EASY-TO-SERVICE

Husqvarna K770 needs only a minimum of maintenance and is easy to service, whether in your workshop or at a job site. The attached combo tool is all you need.

## 9 QUICK-FIT ACCESSORIES FOR EXTENDED USE

Your new Husqvarna K770 can be equipped with a range of useful Husqvarna accessories, such as the KV 7 cutting trolley or wheel kit, to extend the range of applications.

## 10 DIAMOND BLADES OPTIMIZED TO YOUR JOB

By choosing a Husqvarna diamond blade that suits your application, you get the most out of your new Husqvarna K770. See our recommendation chart.

# HIGHLIGHTS OF THE NEW HUSQVARNA K 770

## A MORE 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.

## DIGITAL IGNITION WITH OPTIMIZED TIMING

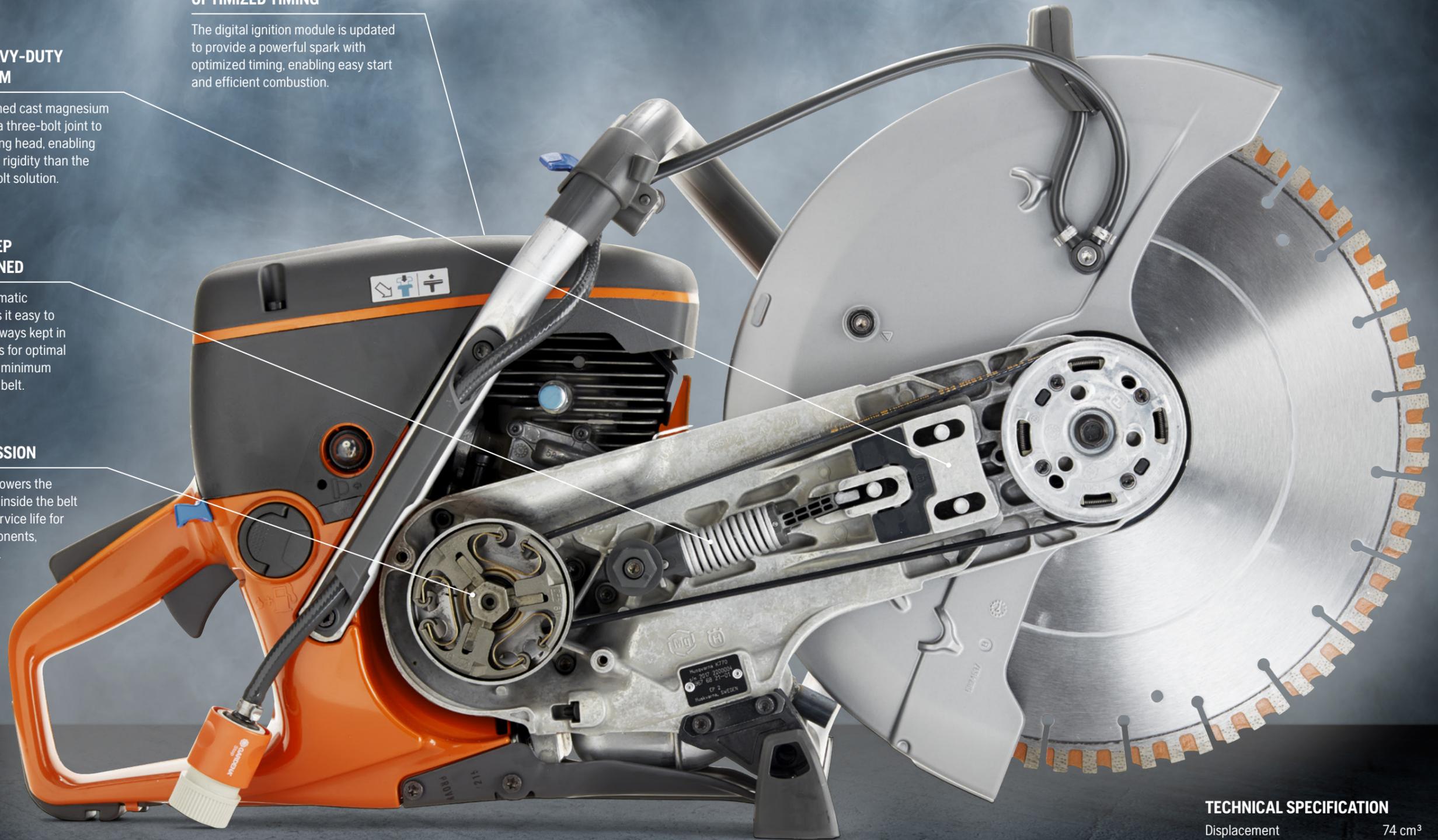
The digital ignition module is updated to provide a powerful spark with optimized timing, enabling easy start and efficient combustion.

## A SMARTER WAY TO KEEP THE DRIVE BELT TENSIONED

The spring-loaded, semi-automatic SmartTension™ system makes it easy to ensure that the drive belt is always kept in the correct tension. This allows for optimal power transmission as well as minimum wear and maximum life of the belt.

## COOLER TRANSMISSION

The clutch cooling fan lowers the operating temperature inside the belt cover, extending the service life for the transmission components, including the drive belt.



## TECHNICAL SPECIFICATION

Displacement	74 cm <sup>3</sup>
Engine power	3.7 kW
Blade diameter	300 / 350 mm
Dry weight excl blade	10 / 10.1 kg
Max. cutting depth	100 / 125 mm

# THE FEATURES OF A TRUE ICON



## INTEGRATED WET CUTTING SYSTEM

The low-pressure wet cutting system provides sufficient water supply to efficiently bind dust without creating an excess of slurry. The water valve opens progressively, making it very easy to adjust the water flow to perfectly suit the application.

## HEAVY-DUTY CRANKCASE

The cast magnesium crankcase is the chassis, or "backbone" of the machine. It has a heavy-duty design with a three-bolt joint for the cutting head, dramatically increasing the torsional strength.

## MAGNESIUM BLADE GUARD

Saves substantial weight compared to stamped sheet metal guards, and also helps reduce vibrations. The stepless adjustment helps ensure the guard is in the safest position for the actual job.



## ACTIVE AIR FILTRATION™

The centrifugal force created by the rotating cooling fan separates 93% of the airborne dust particles and dirt from the intake air, thereby enabling longer service intervals for the air filter.



## SMARTCARB™

The SmartCarb™ has built-in automatic filter compensation to provide easier starts, continuous engine power and low fuel consumption.

## EASY START & STOP

The easily accessible primer, choke/starter throttle and decompression valve allows for an easy and intuitive starting procedure.

## LOWVIB ANTI-VIBRATION SYSTEM

The handles are damped from vibrations by Husqvarna's class-leading LowVib system, preventing occupational injuries such as Hand-Arm Vibration Syndrome (HAVS) and Vibration White Finger (VWF).



## DIGITAL IGNITION

The digital ignition allows the ignition timing to be optimized for each rpm, enabling easy starts as well as efficient workload combustion.

## REVERSIBLE CUTTING HEAD

The diamond blade's position can be switched to the right side of the cutting arm, thereby allowing cutting close to a wall or at ground level, restricted only by the thickness of the blade guard.

## SMARTTENSION™

This spring-loaded, semi-automatic system makes it easy to ensure that the drive belt is always kept in the correct tension, thereby ensuring optimal power transmission as well as minimal wear and maximum life of the belt.

## DURASTARTER™

The DuraStarter™ is designed and tested to be virtually maintenance free, equipped with an aramid re-inforced starter cord and a dust-sealed cord housing.



## X-TORQ® ENGINE TECHNOLOGY

X-Torq® reduces fuel consumption and harmful emissions by using fresh air instead of air/fuel mix to evacuate the exhausts. By making efficient use of the fuel it also delivers a massive bottom-end torque across a wide RPM range.



# ACCESSORIES DESIGNED TO MAKE YOU WORK MORE EFFICIENTLY

## HUSQVARNA KV 7

A compact, foldable trolley developed specifically to fit Husqvarna K 770. Transforms your handheld power cutter to a small floor saw. Makes it easy to cut in a straight or curved track, even close to sidewalks. Comes with a 13.3 liter pressurized water tank and a 3 meter water hose for convenient wet cutting.

## HUSQVARNA W 70 P

A powerful, hard wearing industrial wet/slurry vacuum designed for the toughest jobs. Where most wet vacs can only handle water, W 70 P can deal with liquids such as concrete slurry, oils and machining coolants. Recommended for concrete drilling, sawing, grinding and wall/wire sawing applications.

## HUSQVARNA WT 15

A conveniently portable 15 liter water tank equipped with a built-in battery-powered water pump. Delivers up to 20 minutes of effective wet cutting with Husqvarna K 770 (a fully charged battery provides 45 minutes of continuous pumping). Comes with a 3 meter water hose, a rechargeable 18.5 V Li-Ion battery and a charger.

## HUSQVARNA WHEEL KIT

Attached to the bottom of Husqvarna K 770, the wheel kit provides a more ergonomic cutting option as it enables the operator to roll the power cutter instead of walking it in the cut.

# DIAMOND BLADES ADDING MORE PERFORMANCE

A good power cutter becomes even better when equipped with a diamond blade that is optimized for the job at hand. If you want to ensure that you get the most out of your Husqvarna equipment, use it with Husqvarna diamond tools. To help you find the best tool for your job, Husqvarna diamond tools are available in three performance levels: Gold, Silver and Bronze.



### GOLD

## ELITE-CUT SERIES

Husqvarna Elite-Cut diamond blades are developed for intensive professional use in specialist applications. Provide maximum cutting speed and wear resistance in heavy cutting.

### SILVER

## VARI-CUT SERIES

Husqvarna Vari-Cut diamond blades are developed for professional use in all-round applications. Provide high cutting speed and wear resistance in all cutting.

### BRONZE

## TACTI-CUT SERIES

Husqvarna Tacti-Cut diamond tools are developed for occasional use. Provide a good balance between performance and price in all common cutting applications.

## SPEED BRIDGE

Husqvarna Elite-Cut S35 and S50 blades feature a specially designed Speed Bridge between the segments. This design further improves cutting speed and smoothness, through reduced lateral friction, better cooling and improved dust evacuation. The colour of the bridge indicates which material the blade is optimized for.

## NEW SMARTER FEATURES

To increase safety and performance when operating a handheld power cutter, Husqvarna now introduces new smarter features in the Elite-cut, Vari-Cut and Tacti-Cut series. The smarter features give the operator a clear and instant view of the blade's wear, side clearance, direction of rotation and intended application.