

Specifications

| Model | CM75EAP | CM75EBP |
|---|--|--|
| Displacement | 75.0mL (cc) | |
| Max Power Output | 3.9kw | |
| Decomp. System | Yes | |
| Fuel Tank Capacity | 1.100mL | |
| Abrasive Cut-off Wheel | Wheel Type | Type 41 |
| | Outer Diameter | 305mm (12") |
| | Arbor Hole Diameter | 20mm (25.4mm with Adapter collar) |
| | Max. Speed | 5,100/min or more |
| Diamond Wheel | Max. Thickness | 4.0mm |
| | Outer Diameter | 305mm (12") |
| | Arbor Hole Diameter | 20mm (25.4mm with Adapter collar) |
| | Max. Speed | 5,100/min or more |
| Max. Thickness | 3.5mm | 4.0mm |
| Spindle Max. Speed | 4,200/min | |
| Dimensions (L x W x H) | 630x225x394mm (24-51/64"x8-7/8"x15-1/2") | 630x225x420mm (24-51/64"x8-7/8"x16-17/32") |
| Weight (without fuel, wheel and accessories) | 10.4kg (22.9lbs) | 10.6kg (23.4lbs) |
| Sound Pressure Level LpA ¹ [dB(A)] by ISO 19432 Measured / Uncertainty | 99.5 / 3.0 | |
| Sound Power Level LwA ² [dB(A)] by ISO 19432 Measured / Uncertainty | 115 / 3.0 | |
| Vibration Level (m/s ²) by ISO 19432 Front handle ¹ / Rear handle ¹ Uncertainty | 2.2 / 2.7 1.0 | 2.4 / 2.9 1.0 |
| Standard Accessories | Abrasive Cut-off Wheel, Adapter Collar, Combi Box Spanner, Hex. Wrench, Protective Glasses | |

NOTE Noise level/vibration levels are calculated as the time-weighted energy total for noise / vibration levels under various working conditions with the following time distribution:
 *1: 1/7 idle, 6/7 full load.
 *2: Full load.
 All data are subject to change without notice.

Introducing a new generation of engines

PureFire series achieve lower emissions and lower fuel consumption, moreover less CO exhausted compared with our traditional engine products. They are environmentally friendly and healthy, suitable for prolonged use!!



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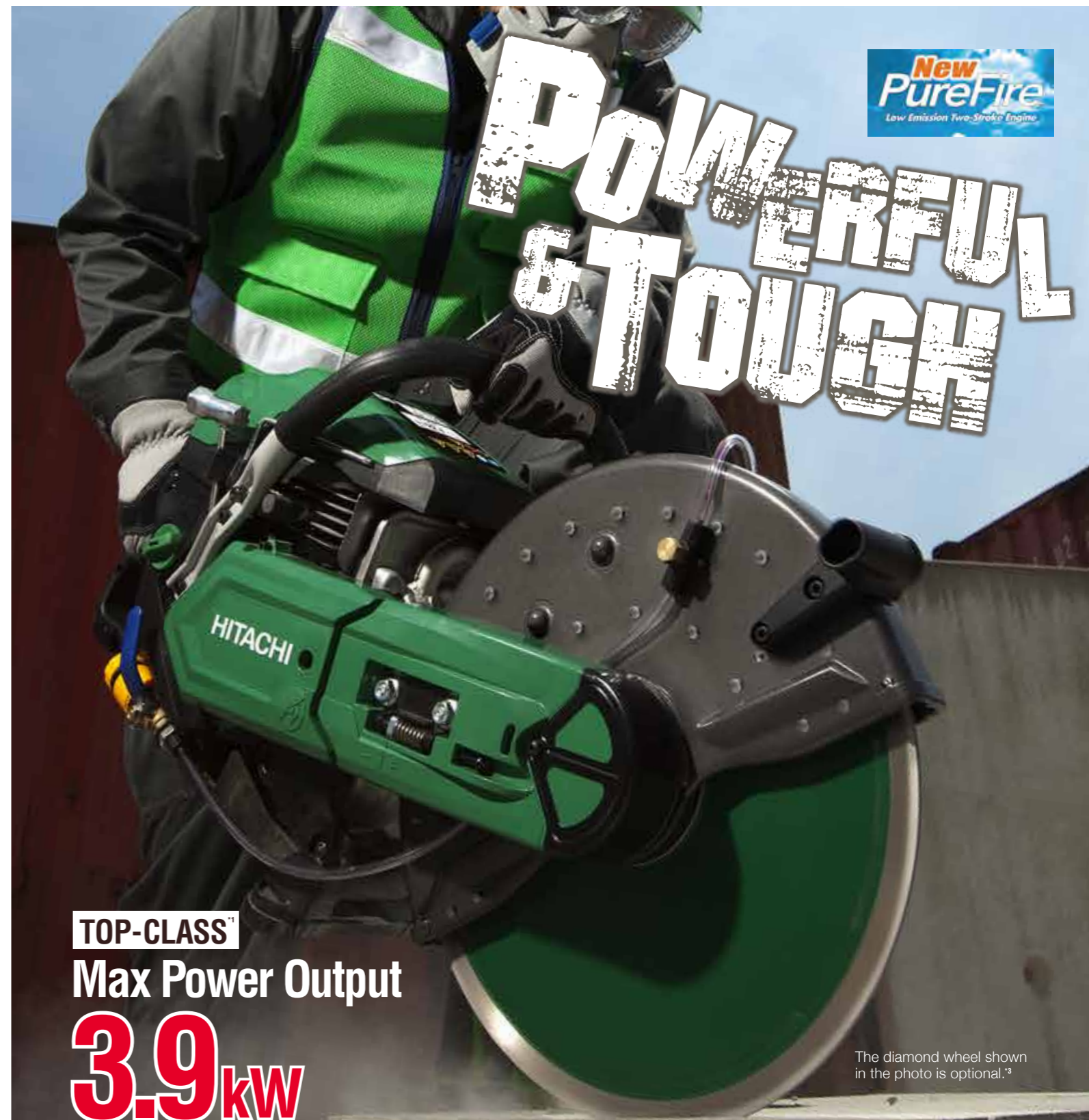
Hitachi Engine Cutters

CM 75EAP 305mm(12")

CM 75EBP 355mm(14")

NEW

HITACHI
Inspire the Next



TOP-CLASS¹

Max Power Output

3.9kW

Powered by 75mL(cc) New PureFire Engine²

Equipped with Robust Metal Protectors !

The diamond wheel shown in the photo is optional.³

*1. As of July 2014. Among 75cc(mL) or less class engine cutters made by leading power tool manufacturers (surveyed by Hitachi Koki.)

*2. The engine meets U.S. (EPA PHASE3) and European (STAGE2) emission standards.

*3. Optional accessories may vary by country or area.

POWERFUL & TOUGH

Hitachi Engine Cutters

CM 75EAP
305mm(12")

CM 75EBP
355mm(14")



Max Power Output

3.9kW

TOP-CLASS**



Exhaust Pulsation Muffler increases power and reduces fuel consumption!

The pressure waves reflected in a brunch of the muffler ① pushes the outgoing fresh mixture flow back to the cylinder ②. That increases charge efficiency and power, and reduces fuel consumption. And emission levels are significantly reduced by preventing fresh mixture from being exhausted.

Compensator delivers stable power!

A compensator keeps the mixing ratio between air and fuel (air-fuel ratio) constant. It prevents the air-fuel ratio from varying due to a clogged air filter and delivers stable power.

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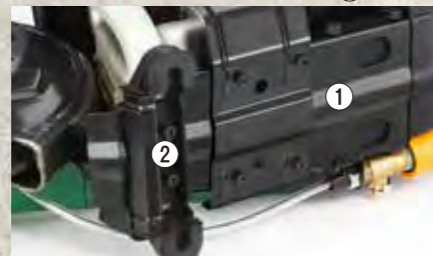
High Durability

Metal Cover Plate ①



Equipped with a replaceable metal cover plate ① to protect the arm cover ② from cut materials and the like.

**Metal Lower Guard ①
Metal Front Foot Plate ②**



Protect the main unit from cut materials and the like.

Dust-resistant Recoil Starter with Decomp. system



A dust-resistant recoil starter with anti-abrasive starter rope is long-lasting even in work environments with large amounts of dust and debris. It is easy to start with less force required due to a Decomp. system.

Easy Maintenance

Toolless Detachable Pre-filter



A toolless detachable cleaner box makes it easy to clean the pre-filter.

Convenient Tool Holder



Keeps standard wrenches on the machine, preventing losses of them.

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305mm(12")



CM 75EBP
355mm(14")

