



# CS-4510ES

## ALL-ROUND CHAINSAW BEYOND YOUR EXPECTATIONS

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5 Year domestic warranty/2 year commercial warranty not available in all markets.  
Check with your dealer for details.  
For your safety, use appropriate protective gear in the working environment.



**DEPEND ON IT**

# FEATURES & BENEFITS



| Engine Displacement (cm <sup>3</sup> ) | Dry Weight* (kg) | Output (kW/ps) | Fuel Tank Capacity (L) | Oil Tank Capacity (L) | Guide Bar Length (cm) | Saw Chain Pitch (inch) | Gauge (inch) |
|--|------------------|----------------|------------------------|-----------------------|-----------------------|------------------------|--------------|
| 45.0                                   | 5.0              | 2.3/3.1        | 0.48                   | 0.33                  | 33, 38, 45            | 0.325                  | 0.058        |

\* Without guide bar & saw chain

## <HIGH POWER AND LOWER EMISSIONS>

- // 45.0 cm<sup>3</sup> professional-grade, 2-stroke engine provides category-leading cutting performance for better work efficiency.
- // Without catalyst new stratified 2-stroke engine enables same emission level as the conventional engine.
- // Lower vibration for reduced operator fatigue.

## <USER-FRIENDLY >

- // Momentary switch for quick and easy engine restart.
- // ES-start for easier starting.
- // Ergonomic front handle for lightweight and ease of use.
- // Drop prevention nuts.

## <EASY MAINTENANCE>

- // Side access chain tensioner for quick chain adjustments.
- // New design tool-less oil/fuel caps for easy refilling.
- // New design air filter for proven filtration.
- // G-Force Engine Air Pre-Cleaner reduces engine exposure to dirt and debris for less maintenance and longer life.
- // Translucent fuel tank for easy level checks.



Specifications, descriptions, and illustrative materials in this literature are as accurate as known at the time of publication, but are subject to change without notice.

# ECHO®

## DEPEND ON IT