

# Instructions manual

**ICA510-CN1EN.pdf**  
**4812273251.pdf**

**Driving & Maintenance**  
CA510

**Engine**  
Cummins 6BTAA5.9-C170

**Serial number**  
**10000128x0C004141 -**



The Dynapac CA510 is a roller in the 18-ton class. CA510 is available in D (smooth drum) and PD (padfoot drum) versions. CA510D is intended for the compaction of rockfill. The main area of application for the CA510PD is on cohesive material and weathered stone material.

All types of base courses and subbase courses can be compacted deeper and the interchangeable drums, D to PD, and vice versa, facilitate even greater variety in the range of application.

The cab and safety-related accessories are described in this manual.

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*Original instruction*

*Reservation for changes*

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## Introduction

### Warning symbols



**WARNING !** Marks a danger or a hazardous procedure that can result in life threatening or serious injury if the warning is ignored.



**CAUTION !** Marks a danger or hazardous procedure that can result in damage to the machine or property if the warning is ignored.

### Safety information



**The safety manual supplied with the machine must be read by all roller operators. Always follow the safety instructions. Do not remove the manual from the machine.**



**We recommend that the operator reads the safety instructions in this manual carefully. Always follow the safety instructions. Ensure that this manual is always easily accessible.**



**Read the entire manual before starting the machine and before carrying out any maintenance.**



**Ensure good ventilation (extraction of air by fan) where the engine is run indoors.**

### General

This manual contains instructions for machine operation and maintenance.

The machine must be correctly maintained for maximal performance.

The machine should be kept clean so that any leakages, loose bolts and loose connections are discovered at as early a point in time as possible.

Inspect the machine every day, before starting. Inspect the entire machine so that any leakages or other faults are detected.

Check the ground under the machine. Leakages are more easily detected on the ground than on the

machine itself.



**THINK ENVIRONMENT !** Do not release oil, fuel and other environmentally hazardous substances into the environment. Always send used filters, drain oil and fuel remnants to environmentally correct disposal.

This manual contains instructions for periodic maintenance normally carried out by the operator.



Additional instructions for the engine can be found in the manufacturer's engine manual.