

# Instruction Manual

**4812317313EN  
Operation and Maintenance**

**Pneumatic Tire Roller  
CP1200**

**Diesel Engine  
Cummins QSF 2.8 – Tier III e IV**

**Serial number  
10000500xxB004535 (Tier III)  
10000510xxB004536 (Tier IV)**



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*It is reserved the right to make any changes  
Printed in Brazil*



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## Introduction

### Atlas Copco CP1200

Atlas Copco CP1200 is a 12 tones pneumatic tire roller with 5,77 ft. (1760 mm) width.

It has 5 front wheels, and four back wheels. The flexible ballast solution and the wide range of option equipment indicate that the machine has different settings available. CP1200 is mainly used together with other asphalt rollers to seal surfaces. Thanks to its weight, it also serves as a roller for other types of ground.

### Warning symbols



**WARNING!** *Damage to the machine or its parts.*



**CAUTION!** Risk of death or injuries.

### Safety information



**The Safety Manual delivered with the machine shall be read by the operator. Always follows the safety instructions and keep the Manual inside the machine.**



**It is recommended to at least train the operators on daily handling and maintenance of the machine, according to the Instruction Manual. Passengers are not allowed on the machine, and the operator must be on the seat whenever he operates the equipment.**



**Read throughout the manual before starting the machine and before performing any maintenance.**



**Request immediately new manuals if the old ones are lost damaged or become illegible.**



**Make sure there is a good vent (air exhaust) when the engine is turned on in closed facilities.**

### General Information

This manual contains instructions to operate and perform the maintenance of the machine.

The machine's maintenance shall be made correctly in order to obtain the maximum performance and the equipment shall also be kept clean, so leakage, loosen bolts and connections can be found as soon as possible.

Perform a daily inspection in the machine before starting, so you can find possible leakage or other failures.

Verify the machine's floor. Leakages are easier detected on the floor than on the equipment itself.



**THINK ABOUT THE ENVIRONMENT!** Do not dispose oil, fuel or other hazard substances to the environment. Always dispose correctly used filters, draining oil and fuel residues.

This manual contains instructions for periodic maintenance, which is usually performed by the operator.



Other engine instructions can be found at the manufacturer's manual.

### CE Marking and Statement of Compliance

#### **(APPLIED TO MACHINES SOLD WITHIN THE EUROPEAN COMMUNITY)**

This machine has a CE Marking. It shows that at its delivery, it meets all the applicable health and safety basic directives, according to 2006/42/EC Machinery Directive, besides attending other directives applicable on machinery.

Following the machine there is a "Statement of Compliance" specifying the directive and supplement applicable, as well as the harmonized norms and other regulations relevant to the case.

## Safety - General instructions

(you must also read the Safety Manual)



1. Read and understand this Manual before starting and operating the machine. The operator must be familiar with the equipment contents before operating it.
2. Observe and follow all the Maintenance Section instructions.
3. Only experienced/trained operators are allowed to operate the machine. NEVER allow the presence of passengers and ALWAYS remain seated while operating the equipment.
4. Do not operate the equipment if adjustment or repairs are necessary.
5. Use ladders and rails to enter and leave the cab. NEVER enter or leave the machine while it is moving.
6. The ROPS (Roll Over Protective Structure) should always be used when the machine is operated on unsafe ground. Always use the seat belt when the ROPS is on.
7. Use the first gear on sharp turns.
8. Avoid driving close to cliffs or sharp side slopes. Operate the machine on first gear and always check the brakes.
9. When driving close to edges or holes, make sure at least 2/3 of the wheels are on the previously compacted materials.
10. Make sure there are no obstacles over your head during the travel. Always look up and down during the travel. Make sure there are no obstacles in the direction of travel - on the ground, in front or behind the roller.
11. Drive particularly carefully on uneven ground.
12. Follow all the safety rules and use the protection equipment proper to the work to be performed.
13. Keep the roller clean. Clean immediately dirt, oil and grease accumulated on the operator platform. Keep all the signs, lanterns, headlights and decals clean, visible and legible.
14. Observe the following safety measures before refueling:
  - Turn off the engine;
  - Do not smoke;
  - Do not allow sparks or flame next to the equipment;
  - To avoid sparks, ground the filling nozzle.
15. Before performing any maintenance operation, chock the roller wheels and apply the emergency/parking brakes.
16. Hearing protection is recommended if the machine's noise level exceeds 85 dB (A). The noise level can vary depending on the work the machine performs.
17. Do not make any changes on the machine, under the risk of affecting the personal safety as well the equipment's. Any change on the machine demands a previous written approval by *ATLAS COPCO*.
18. Avoid using the machine before the hydraulic oil reaches the normal operating temperature. The braking distance may be longer than normal if the oil is cold. Refer to the operation instructions on "Stop", in the "Operation" section.

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## **Safety - General instructions**

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19. For your own protection, always wear:
  - **Helmet;**
  - **Working boots with steel toecaps;**
  - **Ear protectors;**
  - **Reflecting clothing;**
  - **Working gloves.**
20. **If there is a cab in the machine, operate it always with the doors closed and with the seat belt.**