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SWEEPERS - PART 1: CLASSIFICATION AND TERMINOLOGY

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Sweepers - Part 1: Classification and Terminology

Balayeuses - Classification et Terminologie

Kehrmaschinen - Teil 1: Klassifizierung und Terminologie

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Foreword

This document (EN 15429-1:2007) has been prepared by Technical Committee CEN/TC 337 “Winter maintenance and road service area maintenance equipment”, the secretariat of which is held by AFNOR.

This European Standard shall be given the status of a national standard, either by publication of an identical text or by endorsement, at the latest by April 2008, and conflicting national standards shall be withdrawn at the latest by April 2008.

Part 2 of this European Standard specifies the performances and the test methods

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Introduction

Generally all road surface cleaning machines are designed to clean paved surfaces. Most of these machines are equipped with a pick-up system and can convey the spoil into the hopper. The hopper can be discharged at dumping grounds, unload stations, in container or refuse reload stations. Road surface cleaning machines are equipped with sweep gear to scarify debris.

Sweepers are working at traffic and industrial areas with most different kinds of surface fixation. Applications are depending mainly on dimensions of sweepers. Sweepers with bigger volume are designed to operate mainly to clean streets, highways, motorways, ordinary roads and bigger parking places or industrial plants.

Sweepers with smaller volume and dimensions are designed for the cleaning of streets, pedestrian zones, pavements, bicycle lanes, parking lots, market places or industrial plants etc. Manoeuvrability is a main characteristic of such kind of sweeper.

Depending on dimensions attached sweeping equipment's (e.g. mounted at a tractor or other machines) are used in similar applications as mentioned above.

Additional equipment for special cleaning application can be attached to a sweeper.

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