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Building construction machinery and equipment — Concrete placing systems for stationary equipment —

Part 1: Terminology and commercial specifications

Machines et matériels pour la construction des bâtiments — Système de distribution de béton pour équipements stationnaires —

Partie 1: Terminologie et spécifications commerciales

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Foreword

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The committee responsible for this document is ISO/TC 195, *Building construction machinery and equipment*, Subcommittee SC 1, *Machinery and equipment for concrete work*.

ISO 17740 consists of the following parts, under the general title *Building construction machinery and equipment — Concrete placing systems for stationary equipment*:

— *Part 1: Terminology and commercial specifications*

Additional parts, dealing with safety requirements, are under preparation.

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Introduction

This International Standard is part of a series of standards for concrete placing systems which are mounted on a slewing pedestal at the top of a base structure.

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Building construction machinery and equipment — Concrete placing systems for stationary equipment —

Part 1: Terminology and commercial specifications

1 Scope

This part of ISO 17740 defines terminology and commercial specifications for concrete placing systems which are stationary.

This part of ISO 17740 is not applicable to concrete placing systems which are part of a mobile or trailer-mounted concrete pumping system (see ISO 21573-1).

2 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

2.1
concrete placing system
power-driven devices consisting of an extensible placing boom, a boom pedestal and base structure to deposit concrete

2.2
placing boom
extensible boom with a fixed concrete conveying pipe for delivering concrete to work areas within its reach

Note 1 to entry: Typically, a rubber hose is fixed to the end of the conveying pipe to facilitate concrete distribution.

2.3
boom pedestal
support structure for connecting the placing boom with the base structure

2.4
counter-jib and ballast
counter-weighted structure which is typically located 180° opposite the placing boom which offsets or partially offsets the weight and moments of the placing boom

2.5
control station
location which contains devices or controls for the operation of the concrete placing system

Note 1 to entry: This can include a radio remote, cable remote or local controls and emergency controls. The normal working place during pumping and distributing concrete is the remote control.

2.6
working platform
work area typically used for assembly and maintenance work

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