
**Building construction machinery and
equipment — Concrete mixers —**

**Part 1:
Commercial specifications**

*Machines et matériels pour la construction des bâtiments —
Malaxeurs à béton —*

Partie 1: Spécifications commerciales





COPYRIGHT PROTECTED DOCUMENT

© ISO 2021

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: +41 22 749 01 11
Email: copyright@iso.org
Website: www.iso.org

Published in Switzerland

Contents

Page

Foreword	iv
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Description of the basic structures of concrete mixers	6
4.1 Basic structure of gravity concrete mixers.....	6
4.1.1 General.....	6
4.1.2 Basic structure of self-loading mobile concrete mixer.....	6
4.2 Basic structure of compulsory concrete mixers.....	6
5 Commercial specifications	6
5.1 Basic characteristics of a concrete mixer.....	6
5.1.1 General data.....	6
5.1.2 Detailed data for the concrete mixer components.....	7
5.2 Dimensional characteristics of concrete mixers.....	8
5.3 Other specifications for particular types of concrete mixers.....	9
5.3.1 General.....	9
5.3.2 Tipping drum gravity concrete mixer.....	9
5.3.3 Reversing-drum concrete mixer.....	9
5.3.4 Discharging-chute concrete mixer.....	10
5.3.5 Pan-type concrete mixers.....	10
5.3.6 Paddle concrete mixer.....	12
5.3.7 Continuous-type concrete mixer.....	12
5.3.8 Self-loading mobile concrete mixer.....	12
Annex A (informative) Examples of concrete mixer structures and dimensional characteristics	14
Bibliography	35