

INTERNATIONAL  
STANDARD

ISO  
19720-1

First edition  
2017-06

---

---

---

**Building construction machinery  
and equipment — Plants for the  
preparation of concrete and mortar —**

**Part 1:  
Terminology and commercial  
specifications**

*Machines et matériels pour la construction des bâtiments — Usines de  
préparation du béton et du mortier —*

*Partie 1: Terminologie et spécifications commerciales*

---

---

---

Reference number  
ISO 19720-1:2017(E)



This is a preview. Click here to purchase the full publication.

© ISO 2017



## **COPYRIGHT PROTECTED DOCUMENT**

© ISO 2017, Published in Switzerland

All rights reserved. Unless otherwise specified, 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  
Ch. de Blandonnet 8 • CP 401  
CH-1214 Vernier, Geneva, Switzerland  
Tel. +41 22 749 01 11  
Fax +41 22 749 09 47  
[copyright@iso.org](mailto:copyright@iso.org)  
[www.iso.org](http://www.iso.org)

## Contents

	Page
<b>Foreword</b> .....	<b>iv</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms and definitions</b> .....	<b>1</b>
<b>4 Classification</b> .....	<b>6</b>
<b>5 Commercial specifications</b> .....	<b>7</b>
5.1 General characteristics .....	7
5.2 Characteristics of main components .....	8
5.2.1 Concrete mixing unit .....	8
5.2.2 Dry mortar mixing unit .....	8
5.2.3 Storage bin .....	8
5.2.4 Conveying equipment .....	8
5.2.5 Thermal energy equipment .....	9
5.2.6 Drying equipment .....	9
5.2.7 Screening device .....	9
5.2.8 Batching equipment .....	9
5.2.9 Packer .....	9
5.2.10 Dry mortar storage silo .....	10
5.3 Other characteristics .....	10
<b>Annex A (informative) Examples of concrete and dry mortar mixing and batching plants</b> .....	<b>11</b>
<b>Bibliography</b> .....	<b>21</b>