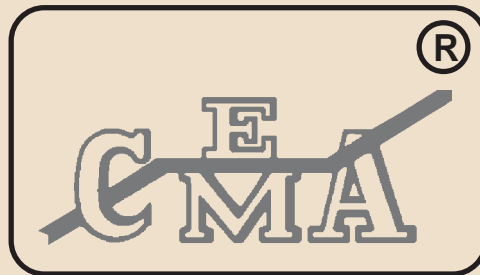




ANSI / CEMA 300-2015
A Revision of ANSI / CEMA 300-2009
Approved September, 2015

**CEMA STANDARD
NO. 300**

**SCREW CONVEYOR
DIMENSIONAL STANDARDS**



CONVEYOR EQUIPMENT MANUFACTURERS ASSOCIATION

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FOREWORD

This publication, CEMA Standard No. 300 “Screw Conveyor Dimensional Standards”, provides recommended dimensional standards for major screw conveyor components. All dimensions and tolerances are based on Carbon Steel Fabrication.

These recommended standards are issued in conjunction with CEMA Standard No. 350 “Screw Conveyors”. “Screw Conveyors” is a comprehensive manual of engineering and application practice for screw conveyors.

Both publications are also American National Standards.

In 1999 Edition, all drawings were redrawn to provide greater clarity and ease of interpretation; the need for Safety Labeling has been emphasized in the “Safety Notice”; trough tolerances were changed from $\pm 1/32$ ” to $\pm 1/16$ ”; hex head bolts replaced countersunk bolts in 300-013 and 300-014. In 300-033, note has been modified to allow the manufacturer the option of having the flush end discharge the same dimension as U-Trough End Plates.

The 2003 Edition had no changes made to it, however, the 2009 Edition was revised by adding a 34th Standard called “Shaftless Conveyors”.

The 2015 Edition, the Screw Conveyor Section revised and modified Standards 300-001 (18 inch dimensions were added to the table) 300-020 (CEMA 216 hanger bearings dimensions and tolerances were added), 300-021 (CEMA 226 hanger bearings dimensions and tolerances were added, 300-022 (some data was modified)

SAFETY NOTICE

The Conveyor Equipment Manufacturers Association has developed Industry Standard Safety Labels for use on the conveying equipment of its member companies.

The purpose of the labels is to identify common and uncommon hazards, conditions, and unsafe practices which can injure, or cause the death of, the unwary or inattentive person who is working at or around conveying equipment.

The labels are available for sale to member companies and non-member companies.

A full description of the labels, their purpose, and guidelines on where to place the labels on typical equipment, has been published in CEMA's Safety Label Brochure, CEMA Brochure No. 201. The Brochure is available for purchase by members and non-members of the Association. Safety Labels and Safety Label Placement Guidelines, originally published in the brochure, are also available free on the CEMA Web Site at www.cemanet.org/safety-labels-2/

PLEASE NOTE: Should any of the safety labels supplied by the equipment manufacturer become unreadable for any reason, the equipment USER is then responsible for replacement and location of these safety labels.

Replacement labels and placement guidelines can be obtained by contacting your equipment supplier or CEMA.

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Standard	Description
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