

ANSI/ASAE AD5687:1999 JAN2014

Equipment for harvesting — Combine harvesters — Determination and designation of grain tank capacity and unloading device performance



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ASABE, 2950 Niles Road, St. Joseph, MI 49085-9659, USA, phone 269-429-0300, fax 269-429-3852, hq@asabe.org

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ASAE S312 History: Developed by the ASAE Grain Harvesting Committee; approved by the ASAE Power and Machinery Division Technical Committee; adopted by ASAE December 1968; reconfirmed December 1973, December 1975, December 1980; revised March 1982; reconfirmed December 1986; approved as an American National Standard August 1988; reconfirmed December 1991; reaffirmed by ANSI September 1992; revised January 1993; revision approved by ANSI April 1993; reaffirmed by ASAE December 1997, December 1998, December 1999; reaffirmed by ANSI June 2000; reaffirmed by ASAE January 2001, February 2003; S312.2 withdrawn and replaced with ANSI/ISO 5687:1999(E) February 2004; approved by ANSI February 2004; reaffirmed by ASABE February 2009; reaffirmed by ANSI May 2009; ISO adoption revised to an adoption with deviations January 2014; revision approved by ANSI February 2014.

Keywords: Capacity, Combine, Grain, Harvesting

0 Foreword

0.1 ANSI/ASAE AD5687:1999, Equipment for harvesting — Combine harvesters — Determination and designation of grain tank capacity and unloading device performance, is an adoption with deviations of the identically titled ISO standard ISO 5687:1999, Equipment for harvesting — Combine harvesters — Determination and designation of grain tank capacity and unloading device performance. Deviations noted in the following Foreword sections pertain to those provisions where harmonization could not be achieved between ASABE and the International Standard.

0.2 This standard sets forth requirements for determining and designating grain tank capacity and the unloading device performance of combine harvesters.

0.3 Three normative references are listed in ISO 5687:1999. These references have been reviewed and accepted as part of the adoption with deviations of the ISO document in ASABE ANSI/ASAE AD5687:1999.

0.4 This standard has been approved as an American National Standard by ANSI (American National Standard Institute). The original content of ISO 5687:1999 was based on the technical content of ASAE Standard S312, Capacity Designations and Unloading Performance for Combine Grain Tank Systems.

0.5 This standard deviates from ISO 5687:1999 as follows:

0.5.1 Under section 3, Test method, add new section 3.1, Test machine:

3.1 Test machine

3.1.1 The test combine shall be fully identified as to make, model, year, machine identification number, grain unloading system description, and other pertinent information. The terminology and methods of measurement defined by ANSI/ASAE Standard S343, Terminology for Combines and Grain Harvesting, shall be used where relevant.