

ANSI/ASAE S392.2 APR2005 (R2019)
Cotton Module Builder and Transporter Standard



**American Society of
Agricultural and Biological Engineers**

**S
T
A
N
D
A
R
D**

ASABE is a professional and technical organization, of members worldwide, who are dedicated to advancement of engineering applicable to agricultural, food, and biological systems. ASABE Standards are consensus documents developed and adopted by the American Society of Agricultural and Biological Engineers to meet standardization needs within the scope of the Society; principally agricultural field equipment, farmstead equipment, structures, soil and water resource management, turf and landscape equipment, forest engineering, food and process engineering, electric power applications, plant and animal environment, and waste management.

NOTE: ASABE Standards, Engineering Practices, and Data are informational and advisory only. Their use by anyone engaged in industry or trade is entirely voluntary. The ASABE assumes no responsibility for results attributable to the application of ASABE Standards, Engineering Practices, and Data. Conformity does not ensure compliance with applicable ordinances, laws and regulations. Prospective users are responsible for protecting themselves against liability for infringement of patents.

ASABE Standards, Engineering Practices, and Data initially approved prior to the society name change in July of 2005 are designated as "ASAE", regardless of the revision approval date. Newly developed Standards, Engineering Practices and Data approved after July of 2005 are designated as "ASABE".

Standards designated as "ANSI" are American National Standards as are all ISO adoptions published by ASABE. Adoption as an American National Standard requires verification by ANSI that the requirements for due process, consensus, and other criteria for approval have been met by ASABE.

Consensus is established when, in the judgment of the ANSI Board of Standards Review, substantial agreement has been reached by directly and materially affected interests. Substantial agreement means much more than a simple majority, but not necessarily unanimity. Consensus requires that all views and objections be considered, and that a concerted effort be made toward their resolution.

CAUTION NOTICE: ASABE and ANSI standards may be revised or withdrawn at any time. Additionally, procedures of ASABE require that action be taken periodically to reaffirm, revise, or withdraw each standard.

Copyright American Society of Agricultural and Biological Engineers. All rights reserved.

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

ANSI/ASAE S392.2 APR2005 (R2019)

Revision approved May 2005; reaffirmed December 2019 as an American National Standard

Cotton Module Builder and Transporter Standard

Developed by the Module Building Standards Subcommittee of the ASAE Farm Materials Handling Committee; approved by the ASAE Power and Machinery Division Standards Committee; adopted by ASAE March 1978; reaffirmed December 1982, December 1987; revised editorially July 1989; reaffirmed for one year December 1992; revised editorially January 1993; reaffirmed December 1993, December 1995; revised December 1996; approved as an American National Standard July 1997; reaffirmed by ASAE for two years December 2001; reaffirmation extended for one year by PM-03 February 2004; revised May 2005; reaffirmed February 2010, January 2015, December 2019.

Keywords: Cotton, Module, Safety

1 Purpose and Scope

1.1 The purpose of this Standard is to provide uniform equipment size guidelines for manufacturers that produce cotton module builders and transporters. Standardization will allow harvesting equipment, module builders, transporters, and module covers from various manufacturers to be used compatibly throughout the cotton industry and so avoid problems caused by incompatible equipment dimensions. This Standard also promotes consideration of safety in equipment operation and transport, and in the transporting of seed cotton modules on highways.

2 Normative References

ANSI/ASAE S276.5 FEB03, Slow Moving Vehicle Identification Emblem

ANSI/ASAE S277.2 FEB03, Mounting Brackets and Socket for Warning Lamp and Slow-Moving Vehicle (SMV) Identification Emblem

ANSI/ASAE S279.12 FEB03, Lighting and Marking of Agricultural Field Equipment on Highways

ANSI/ASAE S338.4 FEB03, Equipment for Agriculture — Safety Chain for Towed Equipment

ASAE S207.12 DEC98, Operating Requirements for Tractors and Power Take-Off Driven Implements

ASAE S318.15 DEC02, Safety for Agricultural Equipment

ASAE S335.4 FEB03, Operator Controls on Agricultural Equipment

3 Cotton Module Builder Dimensions

3.1 All dimensions are to be measured with the module builder in the operating position. The height (*A*) in Figure 1 is measured from the ground level to the highest horizontal projection which it will be necessary to clear in order to dump cotton into the module builder and shall not be greater than 3.35-m (11.0 ft).