

ASAE S328.3 JUL2003 (R2015)

Dimensions for Compatible Operation of Forage Harvesters, Forage Transporters and Forage Blowers



**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CAUTION NOTICE: ASABE and ANSI standards may be revised or withdrawn at any time.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

Dimensions for Compatible Operation of Forage Harvesters, Forage Transporters and Forage Blowers

Developed by the ASAE Farm Materials Handling Committee; approved by the Power and Machinery Division Standards Committee; adopted by ASAE as a Tentative Standard December 1969; reaffirmed December 1970; revised February 1972; reaffirmed December 1972; reclassified as a full Standard December 1973; reaffirmed December 1978, December 1983, December 1988, December 1989; revised December 1990; reaffirmed December 1995, December 1996, December 2001, February 2003; revised July 2003; reaffirmation extended to December 2010; reaffirmed January 2011, December 2015.

Keywords: Blowers, Forage, Harvesters, Power takeoff, Transporters

1 Purpose and Scope

1.1 This Standard is intended as a guide to assist manufacturers of forage transporters (front and rear unloading pull type, chassis mounted, and truck mounted forage boxes and dump wagons), forage harvesters and forage blowers to make the operation of any one machine compatible with the others. The dimensions in this standard are also intended to be used as a guide for Manufactures of related equipment.

1.2 Dimensions specified in this Standard pertain to forage harvesting when the material is harvested in the following normal sequence:

1.2.1 Harvested material is blown from a pull-type or self-propelled forage harvester into a forage transporter.

1.2.2 The harvested material is then transported from the field to a storage area. The forage transporter is then positioned to be unloaded. Harvested material is then unloaded into a storage facility, forage blower or other related equipment.

2 Forage Harvester Dimensions

2.1 The horizontal distance from the center of the rear drawbar hitch point to the tip of the spout shall be 1 830 mm (72 in.) maximum as shown in Figure 1.

2.2 The spout shall not be offset laterally more than 760 mm (30 in.) from the centerline of the rear drawbar as shown in Figure 1 for pull-type and self-propelled forage harvesters.