

JIS

JAPANESE INDUSTRIAL STANDARD

**Format of Specification for
Agricultural Walking Tractors**

JIS B 9223—1989

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by

Japanese Standards Association

In the event of any doubt arising,
the original Standard in Japanese is to be final authority.

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Format of Specification for Agricultural
Walking Tractors

B 9223-1989

1. Scope

This Japanese Industrial Standard specifies the format of specification for agricultural walking tractors (hereafter referred to as "specification") and the method of entry in the format.

Remarks 1. An agricultural walking tractor (hereafter referred to as "walking tractor") means an agricultural machine with one or two wheels, which is connected with a working machine mainly for plowing or soil preparation (hereafter referred to as "working machine") and drives or hauls the working machine through the control by a walking operator.

Agricultural walking machines include agricultural machines which have no wheels but perform work with a working machine connected at its part equivalent to a wheel axle.

2. The units shown in { } in this standard are based on the conventional units and are appended for informative reference.

Applicable Standards

JIS B 8012-Small Size Water Cooled Diesel Engines for Land Use

JIS B 8017-Performance Test Method of Small Size Air Cooled Gasoline Engines for Land Use

JIS B 8018-Test Method of Performance of Small Size Diesel Engines for Land Use

JIS B 9209-Dimensions of Hitch for Walking Tractors

JIS Z 8401-Rules for Rounding off of Numerical Values

**Documents**

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2. Definition

The term used in this Standard means as follows:

standard working order condition The standard working order condition means as follows:

- (1) The condition of a walking tractor carrying specified quantities of fuel, lubricating oil, cooling water, battery electrolyte, and the like so as to enable the tractor to operate normally.
- (2) The condition in which the adjustable structural parts, if provided, are adjusted to the standard values where the condition of adjustment influences the values written in the specification of the walking tractor.

3. Conditions for Preparation of Specification of Walking Tractor

The conditions for preparation of specifications of walking tractors shall be as specified in Figs. 1 and 2 and Table according to the construction of walking tractors.

Fig. 1. Condition with Working Machine Detached

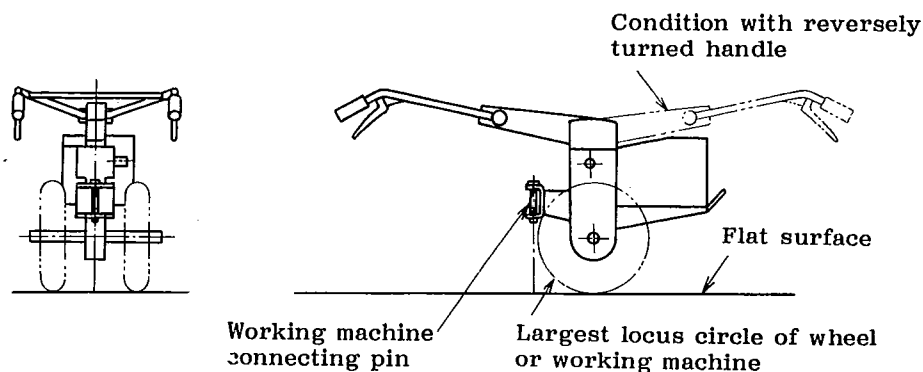


Fig. 2. Condition with Rotary Attached

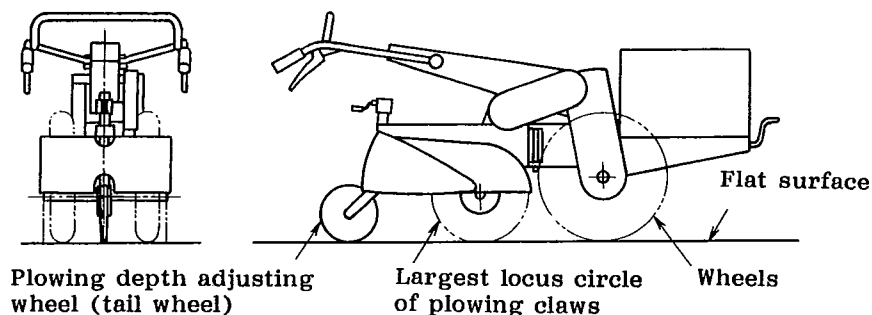


Table 1. Conditions for Preparation of Specification

Condition	1	2
Construction of walking tractor	(1) Construction capable of being attached with various kinds of working machines for carrying out various works. (2) Construction not included in condition No.2.	(1) Construction always attached with a rotary to exclusively perform plowing operation. (2) Construction attached with a rotary almost fixedly mainly to perform plowing operation but capable of being attached with other working machines than the rotary. (3) Construction attached with a rotary in the front part.
Conditions of machine body	(1) Standard working order condition. (2) Condition with working machine detached The condition of the walking tractor with the working machine detached, placed on a horizontal and flat place (hereafter referred to as "flat surface"), and with the working machine connecting pin of the main working machine connecting hitch (hereafter referred to as "hitch") directed vertically to the flat surface. However, for a walking tractor without wheels, the condition of the tractor connected with the standard working machine at its part equivalent to a wheel axle. In such a case, the connected working machine is regarded as the wheel.	(1) Standard working order condition (2) Condition attached with a rotary Condition in which the tractor is placed on a flat surface with the standard rotary, standard wheels, and standard accessories (standard additional weight, etc.) attached and in which the largest locus circle of the plowing claws of the rotary and the plowing depth adjusting wheel of the rotary (hereafter referred to as "tail wheel") are kept in contact with the flat surface. (3) The condition with the rotary attached is as shown in Fig. 2.