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Terminology for Agricultural Equipment—SAE J1150

SAE Standard
Approved December 1976

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Report of the Tractor Technical Committee approved December, 1976 including editorial changes. Submitted by FIEI Engineering Committee. See also J1116.

1. Purpose and Scope

1.1 This standard specifies terminology for agricultural equipment (see note) designed primarily for use in agricultural operations for the production of food and fiber.

1.2 This terminology is intended to establish uniformity for terms used for agricultural equipment in standards, technical papers, specifications, and general usage.

2. Terminology

2.1 **Agricultural Field Equipment**—Means agricultural tractors, self-propelled machines, implements, and combination thereof designed primarily for use in agricultural field operations.

2.1.1 **Agricultural Tractor**—A self-propelled wheeled or track-laying machine, designed primarily to provide the tractive power to pull, push, propel, carry and/or provide power to implements designed primarily for agricultural usage. The machine will have 20 or more net engine hp (14.9 kW) per SAE J816b.

2.1.2 **Agricultural Implement**—An implement that is designed to perform agricultural operations.

2.1.2.1 **Towed Implements**—Implements that are pulled by a tractor and are usually equipped with wheels for transport.

2.1.2.2 **Mounted Implements**—Implements which are mounted directly to the tractor and are carried by the tractor during transport.

2.1.2.3 **Semi-Mounted Implements**—Implements which are partially mounted to the tractor and partially carried on their wheels during operation and/or transport.

2.1.3 **Self-Propelled Machines**—Implements designed with integral power units to provide both mobility and power for performing agricultural operations.

2.2 **Farmstead Equipment**—Equipment, other than agricultural field equipment, used in agricultural operations for the production of food and fiber, (Examples include livestock feeding systems, livestock watering and waste handling systems, crop driers, milling systems, material handling equipment, etc.)

NOTE: Other terms commonly used are: farm machinery, farm implement, implements of husbandry, agricultural machinery.

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