

University of Nebraska
Department of Biological Systems Engineering
Nebraska Tractor Test Laboratory

TRACTOR MODEL

Under Section 2-2701.01(2) of the Nebraska Tractor Engine Testing Law, the term current tractor model is defined as: Current tractor model shall mean any *model* included in the manufacturer's annual price list of tractors being offered for sale by its dealers or distributors. In addition, Section 2-2701 of the statute states that applications for permits to sell tractor models in the state shall be accompanied by specifications of the tractor model required by the Board. To more clearly delineate *model* and identify the required specifications, the Board Action, Tractor Model, shall be used to assist the Board, the manufacturers, and other interested parties in identifying models that will require performance testing to meet the Nebraska Statute.

A specific tractor model shall be identified by the manufacturer's specifications for each of the following:

1. manufacturer's rated engine speed,
2. power at the engine, power take off (PTO), or drawbar, at the manufacturer's rated engine speed or at a standard PTO speed (the manufacturer may claim more than one of the listed power conditions),
3. engine manufacturer,
4. engine displacement and number of cylinders,
5. fuel specifications to include fuel type and maximum flow rate at engine operating conditions as specified by the manufacturer, and
6. basic chassis type classified as one of the following:
 - (a) 2-wheel drive or mechanical front wheel drive,
 - (b) 4-wheel drive articulated or rigid frame where all tires are the same size,
 - (c) 4-track drive, or
 - (d) track laying machine.

Any derivatives of the four basic chassis types shall not require a separate test, but be considered covered by the basic chassis type.

August 17, 1998
March 8, 2007 (Revised)

Board of Tractor Test Engineers

Michael J. Kocher
Chair

Viacheslav I. Adamchuk
Member

John A. Sult
Member