6250# Limited Modified Tractors

All rules in place for two (2) years
2025 - 2026

Note: The following engine combinations are considered "maximum limitations" for #6250 limited modified tractors that pull in the class.

Class Fairness & Variance Rules:

1. A weight and / or Hitch handicap can be and will be used to adjust fairness in the class, (determined by a majority of the TTPA Board).
    a. The TTPA Board has the right to evaluate the rules for fairness as the year progresses and will adjust them as necessary (for all tractors in this class).
2. Diesel Light Limited Super Stock Tractors are allowed an extra 250# for a total of 6500# or can follow the NTPA Rules. Cannot do both! (Board Approved 02/22/25)

Engine Displacement and Carburetor Combinations

NOTE: OEM Clarification:
OEM stands for Original Equipment Manifest, and means that you can only use parts that were originally made and shipped and sold in the United States from a production line shipped car or truck.

NOTE: IF YOU ARE BUILDING A TRACTOR FOR THE TTPA 6250# LIMITED MODIFIED CLASS (A THRU G) AND THESE RULES DO NOT COVER A CERTAIN ITEM YOU MAY WANT TO HAVE ON YOUR TRACTOR, YOU CANNOT HAVE IT! DO NOT ASSUME YOU CAN BUILD AND ASK QUESTIONS LATER.

All Combinations will weigh in at 6250# including driver unless specified otherwise.

Combination A

1. Two (2) Automotive or Marine V-8 engines equaling 1080 total cubic inch naturally aspirated carburetor.
2. Cast Iron V-8 Automotive Blocks & after-market blocks, INCLUDING Hemi Blocks.
3. AFTER MARKET HEADS ALLOWED. (ALUMINUM HEADS ALLOWED)
4. One (1) carburetor.
5. Heads to have two (2) and only two (2) valves per cylinder.
6. Allowed an extra 250# for a total of 6500#

Combination B

1. Three (3) small blocks – Totaling 1230 cubic inch naturally aspirated Engines.
2. Cast Iron V-8 Automotive Blocks & Cast Iron Hemi Blocks / after-market blocks
3. Cast iron heads or aluminum heads allowed.
4. One (1) carburetor per engine (unmodified). Heads to have two (2) and only two (2) valves per cylinder.

Combination C

1. One (1) 548 (Maximum size) Automotive Blown Engine with 8-71 supercharger at the overdrive limits listed below:
    a. Big chief or any wedge head with a non-stock OEM intake manifold bolt pattern are limited to 40% maximum overdrive.

   b. Wedge heads that will accept a stock OEM intake manifold bolt pattern limited to 50% maximum overdrive
2. No Hi-Helix allowed. 60 degree rotors only.
3. V-8 Automotive engine blocks, including Hemi & after-market blocks.
4. Can use aftermarket heads.
5. Heads to have two (2) and only two (2) valves per cylinder.
6. NO DUAL SPARK PLUGS.
7. No Turbo's
8. Pulling weight 6000#, unless handicapped by the TTPA Board
9. Tech inspector CAN tech each pull before hooking to sled, to ensure correct blower gear ratio is used.
10. Over cubic inch up to 560 c.i. must remove 100#. 560 c.i. – 572 c.i. must remove 250#.
11. No Hemi Heads

Combination E

1. One (1) naturally aspirated V-8 Automotive engine including Hemi engines & aftermarket blocks allowed. Totaling 650 cubic inch.
2. Any head allowed.
3. Heads to have two (2) and only two (2) valves per cylinder.
4. Any tunnel Ram, Fuel injection and Carburetor combinations allowed.

Combination F

1. Stock Allison Engine totaling 1710 cubic inch.
2. 8.8.1 Supercharger.
3. One (1) stock carburetor.
4. Gear drive
5. Pulling weight 6250#, unless handicapped by the TTPA Board
6. Can run only gasoline
7. Tech official and Board to look at this combination before you build. (For fairness and compliance).

Combination H

1. One (1) diesel motor according to current 8000# diesel truck engine guidelines, with the following exceptions.
2. Turbos must be shielded 360 degrees with minimum .060 steel per current NTPA rules pg. 39
3. No electronic injection systems allowed
4. Must have air shutoff
5. Pulling weight 6250#
6. Tech official and Board to look at this combination before you build. (For fairness and compliance).

Weights

1. All above Combo's must have 200 lbs. movable ballast weight transfer.

Fuels

1. Gasoline allowed, including racing fuel.
2. Alcohol allowed.
3. NITROUS IS NOT ALLOWED OR EVIDENCE OF NITRIOUS PARAPANILIA TO ANY PART OF THE TRACTOR.
4. No pressurize fuels allowed, (example LP).
5. Diesel fuel allowed on diesel engines.

6000# Mod Frames / Chassis

1. Frames must be built and appear as the 7500 Modified design (see NTPA rule #V., modified tractors)
2. Field / Row Crop frame will NOT be allowed. (Example: Nostalgia type / Farm type).
3. Tractor must be painted (Spectator appealing).
4. Can be painted any color and any paint scheme.

5. Pulling hitch, no higher (at top) than 20" off the ground (MUST COMPLY TO THE NTPA RULES), with these exceptions – 1" diameter, 7/8" pin, maximum 2" thick.
6. Must have headers discharging vertically.
7. Must have a wide front end only, and (Must track within inside edge of rear tires).

Safety Rules

1. All (NTPA & TTPA Modified tractors) General and safety rules apply for this class.
2. Safety transmission blankets: Must have SFI transmission blanket on automatic transmission or steel bell housing.
3. Bell housing must be certified or blankets by TTPA yearly inspected by tech official.
4. Master disconnect switch (disconnection of power source) required.
5. Safety straps four (4) will be secured to the blower and the engine, using no less than 3/8 grade 8 bolts to secure straps on both ends (at engine and at blower).
6. All tractor throttles will use the (spring return to idle) "dead man throttle." (See general rules).
7. Wheelie bars must meet TTPA and NTPA specifications. (See TTPA sec. Drawings).
8. Must have working / functional brakes.
9. Must have fenders, and cannot touch tire without stretched arm while sitting in drivers seat.
10. Must have roll cage, 5-point harness and removable steering wheel. Cage must be built to NTPA guidelines.
11. Must have breakaway kill switches (must shut down electrical ignition and electrical fuel systems).
12. All 6250# Limited Modified Tractors will be 100% tech inspected and approved by the TTPA Tech Rep before tractor can hook to the TTPA Sled.
13. Flagrant safety violations: Refer to TTPA General Rule #1, 1A and 1B.
14. Must have (working) 2.5 lb, fire extinguisher (easy access for track crew and by driver).
15. Must have all side shields in place (engines) and will be securely fastened to cover engine from front to back of block / from top of block to one inch below rotating assembly. Fuel pumps, oil filters and mounting brackets are not considered part of shielding. Solid frames can be part of shielding. (.120 aluminum or .060 steel).
16. All drive shafts must be totally enclosed (360 degrees) and secured so they cannot come out of the frame. NTPA drive shaft rules apply.
17. Must use SFI approved, harmonic balancer (no two (2) piece – stock ones).
18. Back up light on dash and above rear hitch.
19. Neutral start switch
20. Stud bolts on heads (1/2" and under or ARP bolts).
21. Couplings between motors NTPA guide lines.
22. Flywheels are to be guarded 100%. Shielding 1/4 inch steel or 3/8 inch aluminum. (Cannot touch flywheel with any object).
23. All crankshaft driven belts must be shielded.
24. All changes, which refer to NTPA Rules, are out of the current rulebook.
25. TTPA discretion on frames and all components, to be changed per safety at board's discretion. (Must comply after being asked immediately).

Drivers

1. A competitor must be 18 years of age. If the competitor is at least 16 years of age, but not 18, then that competitor must have either a parent's or guardians written consent.
2. Drivers will drive at their own risk.
3. Must wear a DOT full faced approved helmet.
4. Must wear a SFI 3.2 / A1 fire suit, head sock, gloves, neck brace and shoes.

Tires

1. Rear tire width no more than 30.5
2. Any cut allowed, including triple cuts.
3. Rear rims limited to 32 inches on tire widths over 24.5.
4. No radial tire allowed.
5. Metric tire must be equilivant to 30.5 x 32 with a maximum of 210-inch circumference, when inflated to 10 psi. Tread width not to exceed 32 inches.

6. NOTE: width determined by manufactures size.
7. Front tires – any size.

ALL RULES ARE IN PLACE FOR TWO (2) YEARS, ENDING (POST) **2026** PULLING SEASON. RULES MAY BE CHANGED FOR SAFETY. A NON-SAFETY RULE CAN BE CHANGED IF, THE "MEMBERSHIP OF THE CLASS" 100% AGREES, AND THE BOARD GIVES UNANIMOUS APPROVAL.

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