

# **MINI-ROD TRACTOR**

## **RULES**

### ***SECTION 1 – ELIGIBILITY OF CONTESTANT***

All drivers must be able to control all controls of tractor from the driver's seat. All minors must submit written consent of parent or guardian to enter contest. Such statements must be turned in at the time of entry each day. Each contestant enters the contest at his or her own risk or that of parent or guardian and recognizes that he or she may be held responsible for any accident or injury or property damage to others caused by him or her or the tractor. Age limit on multi-cylinder is 15 years old minimum with consent of parent or guardian present.

All drivers in all classes must wear approved safety helmets with full-face shields or goggles during the pull.

We suggest fire suits be worn by all drivers in all classes during the pull. Approved fire suits are constructed of 1 ply nomax or proban. At this time it is also optional to wear gloves and hoods.

ANY consumption of alcoholic beverages or drugs by ANY DRIVERS OR HELPERS before and during the pull will be grounds for immediate disqualification. NO ALCOHOLIC BEVERAGES OR DRUGS will be allowed within spectator boundary lines of the track during the pull.

### ***CLASSES***

All multi-cylinder tractors are to be naturally aspirated. There will be no blowers or turbo chargers allowed, and no aluminum motors. Multi-cylinder engines to be factory built engines, no after market engine blocks or motors allowed.

Open class is limited to one (1) carburetor with maximum airflow of 850 cfm. No Dominators or Predator allowed. NOTE: economy class winners must have carburetors checked before any winnings can be collected.

Total of two (2) Hooks-of-Five (5) Classes – NO DOUBLE ENTRIES.

### ***SECTION 2 – ELIGIBILITY OF TRACTOR***

Contest is open to mini-tractors with rubber tires. No four-wheel drive allowed. No dual tires, no tire studs or chains are permitted. All Power must be transmitted through the two (2) rear wheels. Tires are to be 16-inch rim size maximum, not to exceed 16.1 b7 18.4 tire size.

No portion of any tractor may exceed 8 feet forward of the center of the rear wheel. No portion of any tractor will exceed 6 feet in width.

All pulling tractors must be equipped with a deadman throttle. All throttles working in a forward rearward direction and shall be closed in the rearmost position. For carburetor and fuel injections; there must be a spring on the butterfly shaft. No hydraulic throttle linkage allowed. Must be positive. All foot throttles must have a metal tow-strap. All hand throttles must be operated by hand only. A reverse lockout on automatic transmissions. All multi-cylinder tractors are to have neutral start switch.

All tractors must be equipped with workable brakes.

Minimum drawbar length is 6 inches from the center of the rear wheels to point of hook. Draw-bar to be stationary in all directions, 13 inches from top of hitching device parallel to the ground.

Draw-bar must be equipped with a hitching device not more than  $\frac{3}{4}$  inches in thickness and must have at least one (1)  $\frac{1}{2}$  inch opening. Cross-sectional thickness must be equivalent of  $\frac{1}{2}$  inch round stock. Pulling point may not be more than  $\frac{3}{4}$  inch from back edge of hitching device. Must have a cable around hitch minimum of  $\frac{3}{8}$  inch over the pig and under the rear end with two (2) cable clamps.

All tractors must have two (2) safety devices to prevent turnover. These devices to have wheels or skid plates. Wheels are to be at least one (1) inch wide and five (5) inches in diameter. Also all wheels will have metal centers. Skid plates are to be at least three (3) inches square parallel with the ground and must support the weight of the tractor. Wheels or skid plates must be no less than five (5) inches behind the rear of the rear tires and not more than six (6) inches above the ground. All tractors will be equipped with a working kill switch to be one (1) foot above the hitch can be six (6) inches in any direction from this point. Also, all kill switches to have two (2) inch solid metal ring as hooking point.

No pressurized fuel tanks allowed. Also all forms of nitro-methane including nitrous oxide are illegal.

Automatic transmissions must be covered with a current SEMA approved scatter blanket. Blankets must cover from valve body to motor, securely fastened at both ends. Harmonic balance must be covered width of balancer 360 degrees with a front cover, with a minimum of  $\frac{1}{4}$  inch stock and fastened securely. Must have bolt in the crankshaft to hold harmonic balancer. Front cover must be minimum two (2) pieces. If harmonic balancer is solid steel, or aluminum, or cast steel it does not have to be shielded. All tractors to have side shields .060 thickness aluminum (length of block, top of block to top of pan.)

A safely secured normal size seat must be used. Minimum six (6) inch high rigid back on all tractor seats. All tractors to have either a wrap-around seat or fenders to keep driver out of wheels.

All exhaust must discharge vertically upward one (1) foot above final bend. Vertical is defined as being within 10 degrees upward or downward of being in plumb.

Driver or eligible drivers must be sitting on seat anytime tractor is started or being run.

Carb class 430 cu. In. limit . . . . . Small block. Nat. Aspirated.

Carb class 520 cu. In. limit . . . . . Small block. Nat. Aspirated.

### **SECTION 3 – OPERATION OF CONTESTS**

The use of torque converters, automatic shifts, etc., will be permitted during the pull.

All pulls must start from a tight hitch. No jerking permitted. Contestants will be allowed two (2) attempts in the first 50 feet to start the sled.

Driver must remain seated during the pull and have complete control of tractor at all times.

All tractors and tow tractors must be operated in a safe manner or this is grounds for disqualifications.

Loss of liquid of an eight (8) inch circle by a tractor while on the track will be cause for disqualification. No intentional loss of liquid allowed. Catch cans on all water overflows.

Tractors must remain within boundaries of contest course during the pull or will be disqualified. If tractor goes out of bounds past the finish line marker or loss of weight, it will not be disqualified. Sled can go out of bounds but tractor cannot.

Only one (1) pull allowed for each contestant unless tie is declared.

The pull shall be considered over when forward motion of the load stops. The judge shall hold hole digging to a minimum.

No portion of the tractor shall interfere with the sled or sled hitch during a pull.

All weights must be safely secured to the tractor. Any ballast lost while on the track will be cause for disqualification. Weights include tractor and driver. Pull is considered good when the judge OK's the unhooking the tractor. Pull will be measured when you have internal damage.

Number one (1) tractor will be test puller and may take pull if weight machine is OK or he may pull in third position. If weight exchanger needs further adjustments, first puller after each adjustment will be treated as number one (1) puller. **\*\*ALL DECISIONS OR REPULLS MUST BE MADE BEFORE TRACTOR IN QUESTION IS UNHOOKED FROM SLED.\*\***