

Specifications DinkMar Curb Runner Standard A-Frame

DIMENSIONS: This machine is approximately 144"plus in overall length, 80"plus wide outside, and has an overall height of 120"plus. The height, from the ground to the center of the blower housing, is approximately 52". The height, from the ground to the top of the blower housing, is approximately 72". The total weight of the machine is approximately 5400# plus.

Comply Yes ___ No ___ **If No; attach a separate sheet for exceptions.**

TRAILER: The main frame is constructed of 4" 5.4# channel, .25"x 2"x 4" steel tubing side rail and 3/16" steel deck plate, 3/4" expanded metal, 12ga. sheet steel material. The trailer is 144"plus in overall length and 80"plus in overall width. The trailer has 2 semi-elliptical leaf springs with a 4000# capacity each. Trailer type 7000# axles have a minimum of a 3" diameter. It is equipped with two steel disc type wheels with Timken tapered roller bearings. The tires are 7:00-16, 8 ply, tubeless type highway tread. The pintle-hook trailer tongue has an adjustable height with manual adjustment from 16" to 32". Also furnished is a **Power Parking Jack** with a swiveling caster wheel. The trailer has two safety chains of 3/8" proof coil and is at least 36" long with chain hooks.

Comply Yes ___ No ___ **If No; attach a separate sheet for exceptions.**

POWER UNIT: New diesel tier4 are 130hp Cummins, 74/85/99/125hp John Deere, and gas power 130hp Power Solution, 87hp Kubota motors. **Please review engine specs sheet located Engines Power.** The power unit is mounted on an adjustable structural steel angle base. The engine has a 12-volt electrical system with a starter and 60 plus amp alternator. A heavy-duty battery is included. The power unit includes a dry air-cleaner, 40/50 gallon fuel tank, and muffler. The engine controls consist of a start and stop switch, a temperature gauge (high temperature shutdown), an oil pressure gauge (low-pressure shutdown), and electric throttle and over center clutch control. All controls are panel mounted. The power unit has a P.T.O. with 11.5" North American clutch. The blower unit is driven from the P.T.O. with one 4/5V or 5/5V common, back belt. The common, back belt is specially reinforced to absorb shock and eliminate the possibility of damage to the clutch or engine. 4" LED strobe light mounted on rear driver of the unit.

Comply Yes ___ No ___ **If No; attach a separate sheet for exceptions.**

HYDRAULIC EQUIPMENT: Consists of a hydraulic pump, mounted to the block of the motor with an SAE-A style flange, with no less than a 5-gallon per minute gear driven pump. No less than a 7-gallon oil reservoir is mounted on the trailer frame between the engine and blower housing. High-pressure hoses to a flow control valves connect the pump, which connects to a two (2) spool valve sections. The back single spools operate 2"x 12" stroke cylinder for the exhaust elbow with a floatation system to move with leaf box. The other front single spool operates 2"x 16" cylinder power-parking jack with caster wheel.

Comply Yes ___ No ___ **If No; attach a separate sheet for exceptions.**

UTILITY HOSE:

- A. The intake hose is 16" diameter x 10ft. long rubber hose.
- B. Attached to the inlet collar by two (2) quick acting nylon strapping clamps.
- C. The hose is constructed of wire wound reinforced for ease of handling and offers excellent abrasive wear resistance.
- D. Over-Head boom assembly power with 12-volt power system.
- E. Boom Post consisted of 4"x 3/16" wall square tubing with 2.25" solid bearing bar.
- F. Boom is connected to 2.5" tubing that pivot on the 2.25" solid bar with grease zerck. The boom consists of 2 parts of tubing that can be extended longer for a 14' in-take hose. This boom is 2.5" square with 2" square inside tube with adjustment for the slide.
- G. For ease of operating the utility hose, the operator's handle assembly has an engine "kill switch bottom" is also located on the operator's handle.
- H. Hose support cradle for easy swing action and movement.
- I. Engine control panel and clutch engagement located on operator side

Comply Yes ___ No ___ If No; attach a separate sheet for exceptions.

BLOWER ASSEMBLY: The impeller is statically and dynamically balanced and has an approved blower capacity that is no less than 19,000 plus cubic feet per minute. The blower housing is constructed of #7 and #10 gauge material with a One Piece 1/4" plate, full wrap-around, replaceable, abrasive-resistant liner, and a structural angle base. Housing has the following minimum dimensions: 47" high, 45" long, 15" wide, 19" intake opening, and a 14" x 16" exhaust opening. **The fan assembly consists of six blades of 3/8" AR400F steel with a Brinell hardness exceeding 400. The fan is electrically welded to a heavy fabricated steel rotor. The blades have no less than a 30" or 32" diameter and a 10 1/2 to 12 1/2" width. The fan is statically and dynamically balances and has an approved blower capacity that is not less than 19,000 plus cubic feet per minute. The fan assembly is mounted on a 2-3/16" diameter shaft running on two, large, sealed, self-aligning, pillow block bearings.**

Comply Yes ___ No ___ If No; attach a separate sheet for exceptions.

EXHAUST ASSEMBLY: Consists of a discharge elbow of no less than #12 gauge material for the sides, bottom, and top. The inside liner is fabricated from 3/16" material for longer wear. Connected to the discharge elbow is a horizontal duct of no less than #12 gauge material. The discharge opening is a 16" round exhaust duct. The horizontal duct is connected to the discharge elbow with 3/8"x 1 1/2" gr8 bolts to form a rigid unit, but can be easily disassembled if necessary. The exhaust assembly is mounted to a pivoting turntable base for oscillating, swivel, and horizontal movement. The exhaust assembly also pivots vertically. The provisions for horizontal and vertical movement provide self-alignment between the discharge end of the horizontal duct and the leaf box container. The exhaust assembly is counter-balanced so no external or internal support is required during any phase of operation. With the help of a 2"x12" cylinder mounted to the turntable and exhaust tube, the operator is able to stand on the ground for easy alignment of the horizontal exhaust tube and leaf container. The exhaust tube rests on a support T-bar stand during transport to and from the work site. **Please Note: Dinkmar offer 16"x 48" rubber hose in place of steel tube.**

Comply Yes ___ No ___ If No; attach a separate sheet for exceptions.

PAINT: Some subassemblies are primed during assembly. The finished machine is soft pad clean, inspected, sent to sand blasted and powder coated painted with an industrial paint. DinkMar Standard Equipment Yellow. (Cat Yellow)

Comply **Yes** ___ **No** ___ **If No; attach a separate sheet for exceptions.**

Lighting: Trailer is equipped with standard LED light as stop, turn, marker, and parking lights with a round seven pole trailer connector. Trailer has reflector on the rear and side. LED strobe light located on rear diver side of the machine.

Comply **Yes** ___ **No** ___ **If No; attach a separate sheet for exceptions.**

MANUALS: One set of engine operator's manual and DinkMar leaf machine's parts and operator's manual is included. Parts manual for DinkMar machine on CD.

Comply **Yes** ___ **No** ___ **If No; attach a separate sheet for exceptions.**

WARRANTY: A one-year warranty on the leaf vacuum machine for it workmanship and materials. Two-years or 2000 hours warranty on all motors. Please note: (All remand power unit will come with same standard warranty.) All other purchase items will have there own standard warranty.

Comply **Yes** ___ **No** ___ **If No; attach a separate sheet for exceptions.**