

## SPECIFICATIONS GIANT-VAC™ MODEL 2905-TR-SD MUNICIPAL LEAF LOADER

**ENGINE:** A 29hp, 895 CC, 54 Cubic Inch, 4-cycle, twin cylinder, air-cooled gas engine. The engine shall have the following standard features. Cast aluminum block with steel cylinder sleeves. Five-inch centrifugal multi-stage industrial air cleaner, large volume muffler and E.P.A. Carb approved emissions. High carbon steel intake valves, 12-volt 20 AMP charging system - engine mounted throttle and choke controls with key switch - 5 gallon side mounted fuel tank with in-line fuel filter.

**ENGINE BASE:** Shall be box type (unitized design) 9-gauge steel specifically designed to the above engine.

**BLOWER HOUSING:** The blower housing shall be bolted to the above engine base. The blower housing shall be 7-½" wide and have an outer band not less than 3/16" thick steel and shall also have a rear cover plate, secured by bolting for fast access to the impeller. The above blower housing size approximately 7-½" wide - 21" high - 23" across. Impeller housing shall be fitted with a bolt-in, replaceable wear liner not less than ¼" thick.

**IMPELLER:** Shall be 20" in diameter and will have four (4) blades 3/8" thick steel serrated blades for debris reduction up to 12:1 mounted on the engine shaft via a taper-lok hub with a 5,200 C.F.M.

**INTAKE HOSE AND BOOM SUPPORT:** The intake hose shall be ten feet long and 12" in diameter. It shall be fabricated of thermoplastic urethane and reinforced by a heat-treated steel coil and outer polyethylene wear strip. (Hose weighing not more than 3-½ pounds per foot.) The pick up end of hose shall be fitted with a 12" round intake nozzle constructed of 16-gauge steel. Nozzle shall have a semi-circular 1" O.D tube handle grip. The boom pivots on two 1-1/2" diameter flanges bearing over a 10-foot wide path. The hose support boom is spring-loaded with its pivot position over the center of the intake hose for optimum ease in operation. Boom to be 1-¼" x 4" tubular construction and 1/8" wall thickness and shall be not more than 6' in length capable of supporting a weight of 175 pounds. The trailer shall have provisions to hold the intake hose for safe transportation.

**DISCHARGE SECTION:** Shall be direct from the blower housing to the hopper body. It shall be all 9 gauge integrally welded, and be 7-½" square. The discharge elbow shall be fitted with a bolt-in, replaceable liner, not less than ¼" thick.

**TRAILER FRAME:** Shall be fabricated from all ¼" steel electronically welded. It shall have a 4,000 lb Torflex axle with electric brakes with a safety breakaway, safety chains, stop & tail light, box lights and dual wheel front jack. Tires are LT700 x 16, 8-ply and ball hitch is 2 5/16". The height is also adjustable and is painted in black.

**HOPPER OR DEBRIS BOX:** Shall be 5 cubic yard capacity and shall be fabricated from (12) gauge steel unitized in design and electronically welded. The top of the hopper shall have a full filter screen. The hopper shall also have barn-type rear doors and shall be self-dumping style.

**LIGHTS:** The unit shall be equipped with lights and reflectors that meet I.C.C. specifications.

**PAINT:** The unit shall be thoroughly cleaned and given two coats of rust inhibitor primer and two coats of Giant-Vac Red finish. The frame and axles shall be painted black. The engine (power unit) shall be painted engine manufacturer standard color.

**OVERALL DIMENSIONS:** Length 183" - width 73" - height to top of box 90".

**WEIGHT:** 2,250 pounds.

The following is a list of optional accessories that can be added to the above Giant-Vac Loader.

Rear Amber Strobe Light

Paint – Custom Color

Spare Tire & Rim

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

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