
SPECIFICATIONS GIANT-VAC™ MODEL TM 4901JDTB-HW MUNICIPAL LEAF LOADER

ENGINE: An 49 hp Model 4024-T281 John Deere Tier III water-cooled diesel engine, turbocharged 4-cylinder, 12-volt electrical system, and H.D. air cleaner, low oil and water temperature safety switch, and 10-gallon fuel tank.

ENGINE INSTRUMENT PANEL: Includes ignition switch, locking T-type throttle handle, Hour Meter, and Tachometer.

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

BLOWER IMPELLER HOUSING: The above engine base is bolted to the blower housing. Provisions shall be made so the blower housing can be bolted with the exhaust in several positions as follows: In a vertical position for trailer-mounted operations, at a 30 degree angle when front mounted. The blower housing shall be 10-1/2" wide and have an outer band not less than 1/4" thick. Blower housing shall have a full size rear cover plate, secured by bolting for fast access to impeller. Above blower housing size approximately 10-1/2" wide - 28" high - 26" across. Housing shall be fitted with a full width, replaceable, bolt in wear liner, of minimum 1/4" thick steel.

IMPELLER DRIVE: Power to Impeller via (5) Belts (3V450).

THE IMPELLER: Shall be 25 inches in diameter and will have 4 blades not less than 1/2" thick. It shall be of welded construction with a back gusset plate not less than 3/16" thick, and a hub of not less than 2-3/4" in diameter. It shall be directly mounted on the impeller shaft.

IMPELLER TO IMPELLER-HOUSING EFFICIENCY: For the above high efficient impeller housing - shall be designed with no less than 1/2" clearance from the tip of the impeller to the inside of housing. This will prevent excessive material build-up in the impeller housing and will reduce impeller and impeller housing damage from foreign objects. IMPELLER AND IMPELLER HOUSING THAT DO NOT MEET THE ABOVE RATIO WILL NOT BE ACCEPTED.

INTAKE HOSE AND BOOM SUPPORT: The intake hose shall be 10 feet long and 16" in diameter. It shall be fabricated of thermoplastic urethane and reinforced with a heat-treated steel coil and outer polyethylene wear strip. (Hose weighing not more than 4 pounds per foot.) The pick up end of hose shall be fitted with a 16" round intake nozzle constructed of 16-gauge steel. Nozzle shall have a semi-circular 1" O.D. tube handle grip. This nozzle shall be able to pivot 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 1-1/4 x 4" tubular construction and 1/8" wall thickness and shall be not more than 6 feet in length capable of supporting a weight of 175 pounds.

THE INTAKE SECTION: Shall be rear mounted and configured at 90° so that the intake hose and boom support is in the center rear of unit but will be capable of vacuuming to the curbside.

THE DISCHARGE SECTION: Shall be 10-1/2" square. It shall be telescopic in design so that additional sections may be added. A straight section and curved right angle shall be supplied at the end of the curved section there shall be a square to round. A 5-foot length of 12" flexible metal hose shall be supplied to enter the truck box. Standard discharge height is 108" to the center of discharge tube. (Custom heights are also available.)

TRAILER SECTION: The box type engine base shall be designed to support the trailer axle. Axle to be no less than 3,500lb capacity, 2-1/2" square Torflex with steel hubs. Tires shall be F-78-15. (Load range B.) The A-frame type hitch shall be unitized design throughout with the outer frame channels formed 3" x 7-1/2" 9-gauge steel. The center channel is formed 5" x 7" 9-gauge steel. The A-frame tongue apron shall be continuously welded and gusseted to the engine

ALL SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.

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base. Towing bar to be 4" channel 1/4" thick adjustable from 24" to 34" in height, with a 3" Lunette eye hitch. This A-frame hitch shall also have a front adjustable jack with a 5" dual caster wheel. And the rear of the unit shall have a drop stand to support the unit when it is not coupled to the tow truck.

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

LIGHTS: The unit shall also have fenders, safety chains, stop & taillights and front hose nozzle holder as standard equipment.

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

Rear Mounted Amber Strobe Light
Electrical Connector
Paint – Custom Color
Spare Tire & Rim
6 ply Tires in lieu of 4 ply