



Sweep Star V72E Engine Drive Specifications

POWER	31 hp (23kW) Twin Cylinder, OHV air cooled gasoline engine with Donaldson intake filtration, Full pressure lubrication system.
CONFIGURATION	72" (183cm) Self contained, two-wheel, pull-type combination sweeper and vacuum for turf and other surfaces. Pulls behind appropriate tow vehicle.
DEBRIS HOPPER	Capacity – 7 cubic yard (5.36 cu meter) Construction – Steel framework Tapered front to back for easy dumping. Air exhaust vents built into top of debris blower Dump – Hydraulic raise/lower of tailgate. Hopper tailgate open/close via the mounting arm configuration.
SWEEPER HEADS	72-002 RUBBER FINGER SWEEPER HEAD L-78"(198 cm), W-18"(46 cm)-Height-18"(46 cm) Sweeper Reel 72" wide (183cm) Hydraulic driven from main pump to drive motor 4 rows of 6" long fingers, 24 fingers per row using caster adjustments (4) adjustable caster wheels 12-600×6 pneumatic 72-005 BRUSH REEL SWEEPER HEAD L-78"(198 cm), W-18"(46 cm)-Height-18"(46 cm) Sweeper Reel 72" wide (183cm) Hydraulic driven from main pump to drive motor (4) adjustable caster wheels 12-600×6 pneumatic
TOW HITCH OPTIONS	Requires on of 73-004, 73-005, OR 73-003 73-004 5th Wheel hitch for use with Textron vehicles equipped with 5th wheel hitch device and trailer brake option. 73-005 5th Wheel hitch for use with tractor 3-point hitch (Min 35 hp[27 kW] tractor) 73-003 Clevis Hitch for use behind tractors
VACUUM SYSTEM	22 in (57 cm) diameter x 7 in. (18 cm) wide, 1/4" (.7cm), balanced, high strength. Abrasion resistant impeller, 3800 CFM displacement, operating inside high strength steel housing With wear resistant, replaceable liner, large clean out door and drain plug. Connected to sweeper head with flexible air tunnel to remove debris from ground surface and deposit into debris hopper
DRIVE	Engine drives hydraulic pump to power sweeper head and hydraulic motor. Belt drives vacuum impeller through electric clutch
SPEED	Dependent on tow vehicle.
BRAKING	Relies on tow vehicles brakes. Electric brakes optional, require the use of 73-004 5th wheel hitch connected to Jacobsen Turf Truckster, which is equipped with 5th wheel hitch option and electric trailer brake option

CONSTRUCTION	Hydraulically formed, electrically welded heavy wall steel tubing.
TIRES & WHEELS	(2) 26.5-1400×12 Fairway type turf tires
CONTROLS	Hydraulic raise/lower of sweeping mechanism head assembly. Electric (toggle switch) engage of vacuum impeller. Increase/decrease engine speed. Remote engine start.
ELECTRICAL	12-volt, electronic key start
SOUND LEVEL	98 dbA
DIMENSIONS	Length: 180" (438 cm); Width: 84" (214 cm); Height: 87" (221 cm)
WEIGHT	2950 lbs. (1338 kg)
LIQUID CAPACITIES	Gasoline: 5 Gallons (19 liters) in high density nylon low-perm tank Hydraulic System Oil: 3.2 gallons (12.2 liters) in high density polyethylene tank
SAFETY	Fire extinguisher. Complies with all applicable ANSI, OSHA and European Machinery Directive Standards.
OPTIONS	73-006 25 ft (7.6m) Hand-Held Vacuum Hose

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