



## **SWEEP STAR V-72E**

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<b>MODEL</b>	<b>73-000 Sweep Star V72E (Big Vac 72-E)</b>
<b>POWER</b>	31 hp (23 kW) Twin Cylinder, OHV, air cooled gasoline engine with Donaldson air intake filtration, full pressure lubrication system
<b>CONFIGURATION</b>	72 Inch (183 cm) Sweeping Width, Self Contained, two wheel, pull type sweeper and vacuum for turf and other surfaces. Pulls behind appropriate tow vehicles.
<b>DEBRIS HOPPER</b>	<p><b>CAPACITY:</b> 7 cubic yards (5.1 cubic meters)</p> <p><b>CONSTRUCTION:</b> 14 gauge steel formed panels Tapered front to back for easy dumping Air exhaust vents built into top of debris hopper</p> <p><b>DUMP:</b> Hydraulic raise/lower of debris hopper and</p>
<b>SWEEPER HEAD OPTIONS (Requires one below)</b>	<p><b>SWEEPER HEAD, 72 in (183 cm) Sweeping Width to dislodge debris from ground surface. Hydraulic motor drive from base unit hydraulic system</b></p> <p>One Sweeper Head must be selected: <b>72-005</b> Nylon Brush sweeper head <b>72-002</b> Rubber finger sweeper head</p>
<b>TOW HITCH OPTIONS (Requires one below)</b>	<p><b>73-004</b> 5<sup>th</sup> wheel hitch for use with Textron vehicles equipped with 5<sup>th</sup> wheel hitch device and trailer brake option</p> <p><b>73-005</b> 5<sup>th</sup> wheel hitch for use with tractor 3 point hitch (Min 35 hp [27 kW] tractor)</p> <p><b>73-003</b> Clevis hitch for use behind tractors, trucks</p>
<b>VACUUM SYSTEM</b>	<p>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.</p> <p>Connected to sweeper head with flexible air tunnel to remove debris from ground surface and deposit into debris hopper</p>
<b>DRIVE</b>	Engine drives hydraulic pump to power sweeper head hydraulic motor Belt drives vacuum impeller through electric clutch
<b>BRAKING</b>	Relies on tow vehicle brakes

Electric brakes optional, require the use of 73-004 5<sup>th</sup> wheel hitch connected to Jacobsen Turf Truckster, which is equipped with 5<sup>th</sup> wheel hitch option and electric trailer brake option.

<b>CONSTRUCTION</b>	Hydraulically formed, electrically welded heavy wall rectangular and steel tubing
<b>AXLE</b>	High strength axle tube, 3500 lb. (1590 kg) rated axle
<b>TIRES/WHEELS</b>	(2) 26.5-1400 x 12 Fairway type Turf type
<b>INSTRUMENTATION</b>	Hydraulic open close of debris hopper tailgate Hydraulic raise / lower of sweeping mechanism head assembly Electric (toggle switch) engage of vacuum impeller electric clutch Increase/decrease engine speed Remote engine start
<b>SOUND LEVEL</b>	98 dbA
<b>DIMENSIONS(Inches/cm)</b> (Length-Width-Height)	180 in (458 cm) – 84 in (214 cm) – 87 in (221 cm)
<b>WEIGHT</b>	2950 lbs (1338 kg)
<b>LIQUID CAPACITIES</b>	Gasoline (unleaded): 5 gallons (19 liter) in high density nylon low-perm tank Hydraulic system oil: 3.2 gallons (12.2 liter) in high density polyethylene tank
<b>SAFETY &amp; CONFORMANCE</b>	Complies with all applicable ANSI, OSHA, and European Machinery Directive

#### **OPTIONS & ACCESSORIES**

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**73-006**            25 ft. (7.6m) Hand held vacuum hose