



## SWEEP STAR V-72 SPECIFICATIONS

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### 72-000 BASE UNIT

<b>POWER</b>	540-RPM Tractor PTO Input (Minimum 40hp) Dual constant Velocity drive shaft from tractor to Big Vac 5 V-Belt drive to vacuum fan Multiple V-belt drive to hydraulic pump 1 1/2" dia. hardened steel blower drive shaft 1 1/2" dia. hardened steel jackshaft Hydraulic power to drive motors on Sweeper-Vac head Hydraulic fluid capacity: 10 gallon (38 liters) Remote lubrication system Minimum 35 hp (26 kW) for 72-002 (Sweep only) operation Minimum 45 hp (34 kW) for 72-001 (Sweep and Verti-Cut) operation
<b>DRIVE</b>	PTO drives hydraulic pump to power sweeper head Hydraulic motor and raise and lower tailgate and debris hopper for dumping. PTO Belt drives vacuum impeller
<b>CONFIGURATION</b>	<b>72 Inch (183 cm)</b> Sweeping Width, Self Contained, two wheel, pull type combination sweeper and vacuum for turf and other surfaces. Pulls behind appropriate tow vehicles.
<b>VACUUM SYSTEM</b>	34" (86 cm) diameter, 8 blade vacuum fan High strength steel vacuum fan housing with replaceable wear-resistant liner Clean-out hatch on fan housing connected to sweeper head with flexible air tunnel to remove debris from ground surface and deposit into debris hopper
<b>DEBRIS HOPPER CAPACITY:</b> <b>CONSTRUCTION:</b>	7.2 cubic yards (6.5 cubic meters) Steel framework ABS composite sides with slick finish interior Tapered front to back for easy dumping Hydraulic dump from tractor hydraulics independent of fan operation (available for certain model tractors)
<b>DUMP:</b>	Hydraulic raise/lower of debris hopper and hydraulic open/close of tailgate to dump debris
<b>MAIN FRAME</b>	Tubular steel framework. Mainframe: 6 x 2 x .188 wall. Tongue: 6 x 3 x .188 wall.
<b>BRAKING</b>	Relies on tow vehicle brakes
<b>TIRES/WHEELS</b>	(2) 26.5-1400 x 12 Fairway type turf tires
<b>CONTROLS/GAUGES</b>	Hydraulic open close of debris hopper tailgate Hydraulic raise / lower of sweeping mechanism head assembly Hydraulic on/off of sweeper / verticut operation
<b>SOUND LEVEL</b>	92 dbA
<b>DIMENSIONS (Inches/cm)</b>	<b>180 in (458 cm) – 84 in (214 cm) – 87 in (221 cm)</b> (Length-Width-Height)
<b>WEIGHT</b>	3500 lbs (1588 kg)

**LIQUID CAPACITIES** Hydraulic system oil: 10 gallons (38 liter) steel tank

**SAFETY & COMPLIANCE** Smithco Safety Engineered  
Designed and built in accordance with all acceptable ANSI, CE, ASAE standards

### **SWEEPER HEAD OPTIONS**

**SWEEPER HEADS**, 72 in (183 cm) Operating Width to dislodge debris from ground surface. Hydraulic motor drive from base unit hydraulic system. Full floating heads follow any terrain on (4) Adjustable height 12-600 x 6 pneumatic caster wheels. Hydraulically raises to transport position, lowers to operating position,

One Sweeper Head must be selected:

#### **72-001 COMBINATION VERTICUT AND SWEEPER HEAD**

L-78"(198cm), W- 39"(99 cm), H-18"(46 cm) Steel and scalp roller  
Verti-Cut Reel 72" wide (183 cm) Hydraulic driven from main pump to drive motor  
72 hardened steel flail knives for verti-cutting  
Sweeper Reel 72" wide (183 cm)  
Hydraulic driven from main pump to drive motor  
4 rows of 6" long fingers, 24 fingers per row  
Adjustable Height using roller and caster adjustments  
(4) adjustable caster wheels 12-600x6 solid rubber

#### **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  
Adjustable height using caster adjustments  
(4) adjustable caster wheels: 12-600X6 solid rubber

**OPTIONS & ACCESSORIES** 72-003 35 ft. (8m) Hand held vacuum hose  
72-004 Over the Road Tow Package