



SWEEP STAR V-72

MODEL	72-000 Sweep Star V72 (Big Vac)
POWER	540-RPM Tractor PTO Input 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: 17 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
CONFIGURATION	72 Inch (182 cm) Sweeping Width, Self Contained, two wheel, pull type combination sweeper and vacuum for turf and other surfaces. Pull behind an appropriate tow vehicle.
DEBRIS HOPPER	CAPACITY: 7 cubic yards (5.4 cubic meters) CONSTRUCTION: Steel framework. Tapered front to back for easy dumping DUMP: Hydraulic raise/lower of debris hopper

SWEEPER HEAD OPTIONS (Requires one below)

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 using roller and caster adjustments

(4) adjustable caster wheels 12-600x6 pneumatic

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 12-600x6 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 12-600x6 pneumatic

VACUUM SYSTEM

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

DRIVE

PTO drives hydraulic pump to power sweeper head and Hydraulic
PTO Belt drives vacuum impeller

MAIN FRAME

Tubular steel framework. Mainframe: 6 x 2 x .188 wall. Tongue: 6 x 3 x .188 wall.

BRAKING

Relies on tow vehicle brakes
OPTIONAL: Surge Hydraulic brake Package

TIRES/WHEELS

(2) 26.5-1400 x 12 Fairway type turf tires

INSTRUMENTATION

Hydraulic raise / lower of sweeping mechanism head assembly
Hydraulic on/off of sweeper / verticut operation

SOUND LEVEL

92 dbA

DIMENSIONS (Inches/cm) (Length-Width-Height)

180 in (458 cm) – 84 in (214 cm) – 87 in (221 cm)

WEIGHT

3500 lbs (1588 kg)

LIQUID CAPACITIES

Hydraulic system oil: 17 gallons (64 liter) steel tank

SAFETY & COMPLIANCE

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

OPTIONS & ACCESSORIES

72-003 25 ft. (8m) Hand held vacuum hose
72-004 Over the Road Tow Package