



SWEEPSTAR 48 Specifications

MODELS	48-500AB Sweep Star 48H Brush Reel 48-500AF Sweep Star 48H Finger Reel
POWER	18 hp (13 kW) twin-cylinder, OHV, air-cooled gasoline engine with double action air intake filtration. (Engine mounted plus remote cyclonic filtration system).
CONFIGURATION	Self contained, three-wheel, tri-cycle configuration with front steering, two rear drive wheels and rear mounted high lift debris hopper.
DEBRIS HOPPER	Capacity – 1.75 cubic yards (1.3 cu m) Construction – 14 gauge steel formed panels High capacity airflow openings at top and rear Dump -Hydraulic raise / lower debris hopper to dump height to 6'4" (1.9m) above the ground to dump debris into refuse container.
SWEEPER HEADS	48" (122 cm) wide; belt-driven single rotating reel; adjustable sweeping height; follows terrain on dual caster wheel. Choice of Rubber finger sweep reel with 96 flexible fingers (Model CF) – or – Nylon bristle brush sweep reel (Model CB)
DRIVE	Hydrostatic variable speed pump. Direct coupling to engine. Drives to two, rear mounted Parker heavy duty / high efficiency hydraulic drive motors on rear wheels. Single hydraulic traction pedal for forward and reverse drive.
SPEED	Infinitely variable Forward 0-10 mph (0-16 kph) Reverse 0-3 mph (0-5 kph)
BRAKING	Dynamic braking through the hydraulic drive system; Manually operated disc type parking brake on rear wheels
BATTERY	Automotive Type 24F, 12-volt (battery not included with ocean or air shipment)
CONSTRUCTION	Hydraulically formed, electrically welded heavy wall steel tubing.
TIRE & WHEELS	Front: (1) 18-9.50 x 8 Multi-ribs Rear: (2) 23-1050x12 Soft-trac Casters (2) 9 x 3.5 x 4
STEERING	Manual chain drive with 9.3:1 reduction, 15 in (38cm) diameter, soft grip automotive type steering wheel.

INSTRUMENTATION	Hydraulic levers to lift/lower debris hopper, open/close debris hopper tailgate and raise/lower of sweeping mechanism head assembly. Hour meter.
CONTROLS	Single hydraulic traction pedal for forward and reverse Hand operated throttle control
SEAT	High-back, single-piece construction. Adjustable operator position
ELECTRICAL	12-volt, electronic key start
SOUND LEVEL	90 dbA
DIMENSIONS	121 in (307 cm) – 66 in (168 cm) – 84 in (213 cm) Wheel Base 70 in (179 cm)
WEIGHT	1900 lbs. (862 kg)
LIQUID CAPACITIES	Hydraulic system oil: 5 gallons (19 liter) in high density polyethylene tank. Gasoline (unleaded): 6 gallons (22.7 liter) in high density nylon low-perm tank
SAFETY	ROPS with operator seat belt Battery located outside of engine, hydraulic compartment. Fire proof fuel lines, hydraulic lines covered with abrasion and leak resistant tube. Fire extinguisher. Operator presence switch in seat for engine start. Complies with all applicable ANSI, OSHA and European Machinery Directive standards.
OPTIONS	48-501 Hopper Dust Shield 48-502 48H Nylon Brush Head , 4 rows of 5" bristles 48-503 48H Rubber Finger Reel, 96 Flexible Rubber Fingers