



SWEEPSTAR 60 Specifications

MODELS	76-000DB Sweep Star 60 Brush Reel (gasoline) 76-000DF Sweep Star 60 Finger Reel (gasoline) 77-100CB Sweep Star 60 Brush Reel (diesel) 77-100CF Sweep Star 60 Finger Reel (diesel)
POWER	Gas – 31 hp (23 kW) twin-cylinder, OHV, air-cooled gasoline engine with double action air intake filtration. (Engine mounted plus remote cyclonic filtration system). Diesel – 18.8 hp (14 kW) Kubota liquid-cooled three-cylinder diesel engine with remote mounted 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 -3 cubic yards (2.2 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	60" (153 cm) wide; belt-driven single rotating reel; adjustable sweeping height; follows terrain on dual caster wheel; (triple caster wheels optional) Choice of Rubber finger sweep reel with 116 flexible fingers (Models 76-000DF gasoline; 77-100CF diesel) – or – Nylon bristle brush sweep reel (Models 76-000DB gasoline; 77-100CB diesel)
DRIVE	Hydrostatic variable speed pump. Direct coupling to engine. Drives to two rear mounted Parker heavy duty/ high efficiency hydraulic drive motors. 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.

TIRES & WHEELS	Front: (1) 18-9.50 x 8 Multi-ribs Rear: (2)24-1300x12 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 and ammeter
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	MODEL 76-000 92 dbA MODEL 77-100 98 dbA
DIMENSIONS	Length: 127" (323 cm); Width: 74.5" (179 cm); Height: 82" (208 cm) Wheel Base: 68.5 in (174 cm)
WEIGHT	2,200 lbs. (998 kg)
LIQUID CAPACITIES	Gasoline: 6 gallons (22.7 liters) in high density nylon low-perm tank Diesel Fuel: 5 gallons (19 liters) in high density nylon low-perm tank No.1-D or No. 2-D, S500: Low Sulfur Diesel (LSD) less than 500 ppm or 0.05 wt.% No1-D or No.2-D, S15: Ultra Low Sulfur Diesel (ULSD) less than 15 ppm or 0.0015 wt.% Hydraulic fluid: 5 gallons (19 liters) in high density polyethylene tank
SAFETY	Rollover protection (ROPS) with seat belt Auto-deploy stabilizer when lifting debris hopper. Fire proof fuel lines, hydraulic lines covered with abrasion and leak resistant tubes. Fire extinguisher. Complies with all applicable ANSI, OSHA and European Machinery Directive Standards.
OPTIONS	77-328 60" Nylon Brush Head , 4 rows of 5" bristles 76-329 60" Rubber Finger Reel, 116 Flexible Rubber Fingers 76-271 Dust & Dirt Filtration Kit