



**ISUZU NRR
NON-CDL
CHASSIS**



**GASOLINE or
DIESEL ENGINES
AVAILABLE**



**POWER - AGILITY
VERSATILITY - RELIABILITY**

**ONE BUTTON SWEEPING
THREE SHAFT ELEVATOR
109" WHEELBASE CHASSIS
OFF-THE-SHELF COMPONENTS
LIFT AND RETRACT GUTTER BROOMS**

**CALIFORNIA
SOUTH COAST
AQMD RULE
1186
CERTIFIED**

**PM-10
CERTIFIED**



The Les Hulicsko story. A proud history of innovation and quality

Sweeprite was founded in 1976 on the Canadian Prairies by Mr. Les Hulicsko, a talented Engineer who fled his home in Hungary after it was invaded by Soviet forces, Les discovered that his pro-democracy stance had made him a wanted man. He made the difficult decision to leave and emigrate to the United States. Unfortunately, quotas were full and Les found his way to a new beginning on the Canadian Prairie.

Les was never one to shy away from a challenge. He would eventually use his engineering talents to revolutionize window cleaning tools, agricultural rock picking devices, automated pothole patching machines and of course road sweeping technology.

Les pioneered the use of hydraulic power in street sweeping machines. During the early 70's, Les owned a building services company and was disappointed with the generally poor reliability record of the mechanical sweepers he had purchased. These PTO, shaft, chain and gear driven units were prone to breakdowns and required constant maintenance.

Les envisioned a road sweeper with a standalone hydraulic pump powering the gutter brooms, main broom and elevator. His design dramatically reduced the number of moving parts which required maintenance or replacement. Needless to say, it was an immediate success in the sweeping industry



Although officially retired, Les is still experimenting with new Air Sweeper designs at his research facility in Regina, Saskatchewan. You still can find his engineering DNA in many of today's popular road sweeping machines. In 2015, the World Sweeping Association recognized Les Hulicsko's contributions to the power sweeping industry with its annual "Award of Excellence".





Powerful Sweeper

The Sweeprite S2 is a powerful road sweeping system. It's Kubota Turbo Diesel Tier 4F` auxiliary engine and simple durable design gives you outstanding performance in a wide range of applications and conditions.

Adjustable floating Broom

The S2 features free floating adjustable main broom and gutters brooms which follow the contour of the road's surface. The gutter brooms are mounted to the sweeper's frame with parallel linkages for strength, durability and stability. Our lift and retract feature reduces vehicle width during travel.

Centre mounted hopper with variable unloading height

The S2's hopper is mounted in the center of the sweeper for loading efficiency and safe weight distribution. The level of debris in the S2's 4 cubic yards capacity hopper is monitored through a LEXAN window or by an optional video camera. The S2's dependable scissor-type lift mechanism permits dumping from an infinite choice of heights between 18" and 10' 6".

Operator Friendly Design

The S2 Isuzu compact chassis provides operators with outstanding visibility and a safe, comfortable workplace. The one button sweeper start /stop system simplifies operations and reduces driver workload. The S2 is highly maneuverable and the short one hundred and nine (109) inch wheelbase and compact design makes working in tight spots possible.

Fuel Efficient and Low-Cost Maintenance

The S2's simplicity of design, choice of off-the-shelf components, innovative engineering and quality craftsmanship means you will spend more time on the road sweeping. We can provide OEM parts for every Sweeprite, Python and Superior Roads sweeper built since 1978.

Unrivalled dust control

Sweeprite's patented Water Saver System applies water droplets to the broom tips where the moisture is needed. This reduces the amount of water required to control dust.

Sweeprite sweepers are PM-10 Certified and meet the dust control requirements of the California South Coast Air Quality Management District

GENERAL SPECIFICATIONS:

<p>Sweeping path: 118° Four Segment Gutter Broom Sweeping path: 120° Five Segment Gutter Broom Overall height: 102" (2,590 mm) Overall length: 254" (6,453 mm) Dump height max: 126" (3,200 mm) Dump location: left side standard Wheelbase: 109" (2.76 M) GVWR: 19,500 Lbs. (8,863 kg)</p> <p>ENGINE, AUXILIARY: Manufacturer: Kubota Model: V2403-CR-TIE4B Engine type: Four-cylinder, Turbo Diesel Emission Regulation: Tier 4 Final Displacement: 2.4 Liter Rated horsepower: 65 HP</p> <p>MAIN BROOM: Hydraulic direct drive: variable and reversible Diameter: 36" (914 mm) Length: 58" (1,473 mm) Steel core: 8.63" (219 mm) diameter Independent left/right spring tension Hydraulic broom lift Mounting: trailing arms/side support</p> <p>GUTTER BROOMS: Number of brooms: 2 Diameter (Bristle): 44" (Four segments) Diameter (Bristle): 50" (Five segments) Design: free-floating spring suspension Hydraulic direct drive: reversible Adjustment: independent; left/right, up/down Controls: pressure & wear, tilt</p> <p>INSTRUMENTATION & CONTROLS: Auxiliary engine LCD Screen: oil pressure, coolant temperature, voltage and fuel rate Elevator Stall Warning Video camera monitoring system</p>	<p>DEBRIS HOPPER: Material volume: 4.0 cu yd volumetric Maximum dump height: 10' 6" (3,200 mm) Minimum dump height: 18" (457 mm) Left side dumping: standard Dump capacity: 9,500 lbs (4,309 kg) Single telescopic hydraulic lifting cylinder</p> <p>WATER SYSTEM: Sweeprite Water Saver System, (Patented) Capacity: 200 Gallons Tank material: polyethylene Electric pump: diaphragm, 4.0 Gpm Water system material: non-corrosive, 100 mesh</p> <p>Spray Nozzles: 6 under cab, 4 over Main Broom 2 leading Gutter Brooms, Drip nozzle over each GB</p> <p>HYDRAULIC SYSTEM: Tank capacity: 30 Gallons Pump: Tandem gear Pump Capacity: 2 x 10 Gpm @ 1800 rpm Controls: Electric over hydraulic Hydraulic Drive motors: all interchangeable Hydraulic Fluid cooler: air to oil</p> <p>CONVEYOR Squeegee-type system with 7 flights Width: 56.5" (1,435 mm) Hydraulic direct drive, three axle design Variable speed and reversible motor Relief valve protected Conveyor flush system standard</p> <p>LIGHTING (ELECTRICAL) SYSTEM: High output LED warning beacons Back-up lamps with audible alarm LED Gutter broom and main broom spotlights</p>
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Your Sweeprite Dealer: