

World's FINEST Performing Sweeper

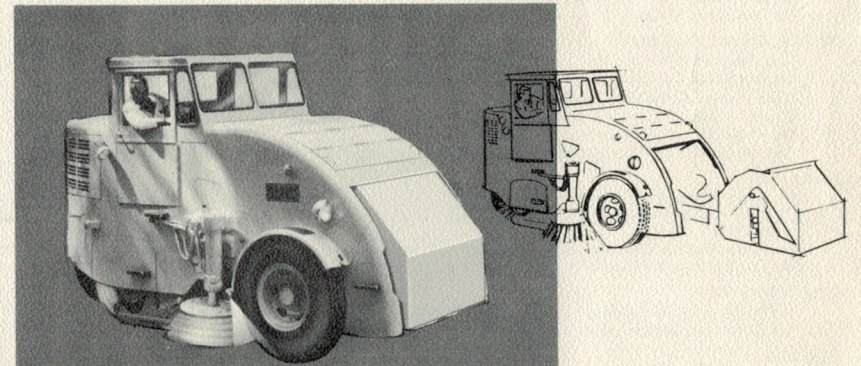


ELGIN

STREET KING[®]

and

STREET KING D



* NEW • Increased Engine Power

* NEW • Streamlined Styling

* NEW • Greater Hopper Capacity

* NEW • Power Brakes

* NEW • Dual Rear Wheels

* NEW • "Feather-Touch" Power Steering

ELGIN

QUALITY LEADER IN THE INDUSTRY

SPECIFICATIONS

ELGIN STREET KING® STREET KING D (Detachable Hopper)

	STREET KING	STREET KING D
DIMENSIONS:		
Wheel base.....	10'9"	10'9"
Drive wheel tread.....	7'7"	7'7"
Overall length.....	15'10"	15'10"
Height.....	9'	9'
Width outside of tires.....	8'6"	8'6"
Turning radius—sweeping.....	14'6"	14'6"
Weight—one side broom with cab/windows.....	13,700 lbs.	14,300 lbs.
two side brooms with cab/windows.....	14,500 lbs.	15,100 lbs.
Sweeping path—one side broom.....	8'	8'
two side brooms.....	10'	10'
ENGINE:		
IHC V-8.....	V-345	V-345
Piston displacement—cu. in.....	345	345
Maximum engine torque—ft. lbs.....	309	309
Maximum brake horsepower.....	196.7	196.7
Air Cleaner—Dry type with replaceable element		
Oil Filter—Full flow with replaceable element		
HOPPER:		
Capacity—Leveled.....	4-3/5cu. yds.	3 cu. yds.
Operated by two, double-acting hydraulic cylinders		
Positive mechanical lock		
TIRES:		
Front—Heavy-duty truck.....	(2) 11:00 x 20, 14 P.R.	(2) 11:00 x 20, 14 P.R.
Rear—Heavy-duty truck.....	(2) 7:50 x 15, 10 P.R.	(2) 7:50 x 15, 10 P.R.
WHEELS:		
Front—Steel disc type. Mounted on alloy steel axle attached to 1 inch steel plate and cross support.		
Rear—Dual, steel disc type. Mounted on alloy steel axle and supported by internally reinforced steel strut.		
WATER SPRAY SYSTEM:		
Capacity—Gallons.....	275	275
Spray Nozzles—located adjacent to brooms		
Strainer and relief valve		
Pump—Gear type—60 psi		
Hopper conveyor flusher system		
Controls—On-off (variable flow) located in operator's compartment		
BRAKES:		
Service Brakes—Full power brakes, 256 square inches braking surface area. Protected by double dust shield. Fully enclosed, double cylinder, internal expanding type, operating in both drive wheels.		
Parking Brake—58 square inches braking surface area. External contracting type on main transmission drive shaft. Hand lever operated.		
CHASSIS-BODY:		
Fabricated and welded unitized body using heavy steel plate up to 1 inch thick.		
Hopper inspection door—double-fold panel—27" x 68" opening.		
CLUTCH:		
Truck Type—12" single plate. Fully enclosed. Replaceable without removing engine.		
CONVEYOR SYSTEM:		
Belt—Endless multiple ply (2 fabric, 3 rubber) calenderized conveyor belt with reinforced edges and integrally molded cleats.		
Speeds—Variable—forward and reverse. Independently driven by hydraulic motor.		
Trainer—Belt automatically centered by hydraulically operated belt trainer.		

DRIVES:	
Main—Truck type differential axle with fully enclosed roller chains to both drive wheels.	
Auxiliaries—Main broom and water pump driven by power take-off at front end of engine providing completely independent drive.	
Conveyor and side broom—Driven hydraulically—protected by relief valve.	
ELECTRICAL SYSTEM:	
Generator 30 ampere	
Battery 12 volt, 70 ampere hour	
Lights Sealed beam headlights, two combination stop and tail lights, adjustable spot light for each side broom, and lighted instrument panel.	
FUEL SYSTEM:	
Gasoline tank (terne plated)—located outside of operator's compartment.	25 gallon capacity.
Carburetor—down draft type	
Fuel pump and filter	
INSTRUMENTS:	
Full vision, lighted instrument panel with clock-type speedometer and odometer, engine heat indicator, oil pressure gauge, ammeter, fuel gauge, water tank gauge, key type ignition switch, choke and hand throttle.	
MAIN (PICK UP) BROOM	
Type Hydraulically floated to provide constant street pressure with knee-action suspension.	
Size 36 in. diameter, 68 in. long—38 spirals.	
Core 12 in. diameter, steel, refillable and reversible.	
Speeds Variable.	
Controls Raised, lowered and positioned hydraulically. Adjustment for pressure and fibre wear from operator's seat.	
SIDE BROOM:	
Type Hydraulically driven and floated for constant street pressure, with rearward and sideward angular adjustment.	
Size 36 in. diameter.	
Location Center of sweeper—back of front wheel—near main broom.	
Speeds Variable.	
Controls Raised, lowered and positioned hydraulically. Adjustment for pressure and wire wear from operator's seat.	
Segments Four, quickly detachable, durable cast iron	
STEERING:	
Full power hydraulic—truck type.	
TRANSMISSION:	
Heavy-duty truck type—5 forward speeds, 1 reverse	
STANDARD EQUIPMENT:	
Cab with roll down windows—dual electric windshield wipers.	
Power Steering	
Power Brakes	
Fenders—Drive wheels	
Main broom core—filled with standard 26" fibre.	
Side broom segments (set of four)—filled with 72 lbs. of wire.	
Water tank filling hose—10 feet long, with couplings.	
Hopper and conveyor flushing system.	
Painted—any one of 8 standard colors.	
DUAL CONTROL SWEEPER:	
Equipped with right and left side brooms, seats and dual controls, providing operation from either side of the operator's compartment for sweeping in the direction of traffic. All other specifications are as listed above.	
NOTE: ELGIN Sweeper Company reserves the right to change the above specifications when, in its opinion, improvements will result from so doing, or when government material regulations make changes necessary.	

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ELGIN LEACH CORPORATION

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SANITATION HEADQUARTERS
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