

Sweep System Power

Engine

Make Cummins B3.3
Type In-line 4-cycle diesel
Displacement 202 in³ (3.3 l)
Horsepower 74 (55 kw) @ 2600 RPM
Torque 209 lb ft (283 N.m) @ 1600 RPM
Fuel tank capacity Common 50 gal (189 l)

Standard Accessories

Heavy duty, dry-type dual-stage air cleaner, in-line pre-cleaner

Auto shutdown

- High temperature
- Low oil pressure

Sweeper Instruments and Controls

- Tachometer with hour meter
- Engine oil pressure gauge
- Engine coolant temperature gauge

Warning lamps and buzzers Low hydraulic oil, low engine oil pressure, conveyer stall

Warning lamps Hydraulic oil temperature, hydraulic filter restriction, high coolant temperature, low spray water, broom position, hopper position

Sweep System Components

Main Broom

Diameter 36" (914 mm)
Length 58" (1,473 mm)
Type Prefab disposable
Polypropylene filled
Core diameter 8" (203 mm)
Suspension Hydraulic with automatic wear compensation
Lift control Hydraulic
Mounting Full-floating trailing arm
Speed Variable with engine RPM
Bearings Sealed, self-aligning

Side Broom

Diameter 46" (1,168 mm)
Type Disposable 5 or 6 segment, plastic
Speed Variable with engine RPM
Lift control Hydraulic
Suspension Hydraulic with automatic wear compensation
Adjustment • Inward/outward
• Forward/backward

Conveyer

Type Squeegee with rubber edging
Lift control Hydraulic
Clearance Liftable to 12" (305 mm) for bulk object passage
Drive Reversible hydraulically-driven steel chain on polyurethane sprockets

Hopper

Capacity volumetric 5.45 yd³ (4.16 m³)
Material volume 3.8 yd³ (2.9 m³)
Dumping Right side
Lift control Hydraulic in-cab
Max dump height 120" (3,048 mm) at bottom of chute
Min dump height 20" (508 mm) at bottom of chute
Lifting method Two-stage scissors
Lift capacity 12,000 lbs (5,443 kgs)
Max dump angle 48 degrees

Hydraulic System

Pump Quad gear pump
Capacity 24 GPM @ 1200 RPM
Reservoir 35 gal (132 l)
Inlet strainer 100 mesh
Return filter 6 micron
Breather 10 micron
Cooler Externally mounted
Valves Electro-hydraulic

Spray Water System

Tank construction Polyethylene, removable
Tank capacity 360 gals (1362 l)
Pump Centrifugal
Spray nozzles • 3 on each gutter broom
• 3 on main broom
Filter 80 mesh
Fill Hydrant fill hose with air gap

Sweeper Electrical System

Sweeper engine alternator 60 amp
Fuses Automotive style
Wiring Function/number hot-stamped

Available Enhancements

- Outside cab, side broom down pressure control
- Outside cab, main broom down pressure control
- Strobe lamp
- Arrow stick
- Automatic lubrication system
- Fire extinguisher
- Camera system (rear standard)

Paint

Body: High-gloss white powdercoat
Custom colors available
Undercarriage: Grey powdercoat

Chassis

UD 3300, Freightliner M2, or International 4300.
Contact your Elgin Dealer for detailed chassis specifications.

Warranty

Sweeper
1 year parts and labor
Engine
Consult Factory

Your Elgin Dealer is:



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