A powerful vacuum fan on the sweeper creates an air stream through the debris hopper, conveyor and skirted areas. The inward rushing air carries the airborne dust into the debris hopper, where it’s allowed to settle out with the rest of the swept debris.

A majority of the fugitive dust falls into the hopper with only a small amount of dust getting to the filter. When the filter becomes loaded, it can be mechanically cleaned with an on-board cleaning system so sweeping can continue. Sweeping through water and or during rain and snow will not affect the filter since it’s blind to incoming debris or moisture.

A long life, low maintenance dry filter element is installed between the debris hopper and the vacuum fan to prevent dust from being pulled from the hopper and blown out the vacuum fan exhaust. These are fabricated from highly resilient polymer material for long wear and are easy to change and maintain.

Eagle® Industrial with Waterless Dust Control

OPTIONAL ENHANCEMENTS

- Rotating beacon or strobe light
- Carbide/boron dirt shoes
- Poly side brooms
- A wide variety of industrial safety lights
- Auto-lube automatic lubrication system
- Automatic engine shutdown (high temp/low pressure)
- Main broom hour meter
- One-touch sweep resume system

Consult factory for additional sweeper and chassis options.

Elgin Sweeper Company backs the Eagle sweeper with a one-year limited warranty. The Eagle is warranted against defects in material or workmanship for a period of 12 months from the date of delivery to the original purchaser. Optional extended warranty packages are available. Consult your Elgin Sweeper dealer for complete warranty details.

- Travel speed: Highway speed, 65 mph
- Sweeping System: No-Jam chevron conveyor belt
- Sweeping Path (max): 10 ft (3,048 mm)
- Hopper Capacity (volumetric): 4.5 yd³ (3.5 m³)
- Dust Suppression: Waterless dust control system or with water
- Auxiliary Water System: 320 gal (1,210 L) used with dust suppression system
- Dumping Height (max): 10 ft (3,048 mm)
- Dump Location: Right side, variable height
- Engine: JD4045 T4F

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Elgin Sweeper has a network of more than 50 dealer locations in North America. So no matter where you work, Elgin Sweeper and your Elgin dealer are there to support your investment upon delivery and beyond with local parts, service and training!
A powerful vacuum fan on the sweeper creates an air stream through the debris hopper, conveyor and skirted areas. The inward rushing air carries the airborne dust into the debris hopper, where it’s allowed to settle out with the rest of the swept debris. A majority of the fugitive dust falls into the hopper with only a small amount of dust getting to the filter. When the filter becomes loaded, it can be mechanically cleaned with an on-board cleaning system so sweeping can continue. Sweeping through water and/or during rain and snow will not affect the filter since it’s blind to incoming debris or moisture.

A long life, low maintenance dry filter element is installed between the debris hopper and the vacuum fan to prevent dust from being pulled from the hopper and blown out the vacuum fan exhaust. The fully flexible main and side broom skirting allow efficient dust capture, while still providing aggressive curb cleaning. These are fabricated from highly resilient polymer material for long wear and are easy to change and maintain.

Elgin Sweeper has a network of more than 50 dealer locations in North America. So no matter where you work, Elgin Sweeper and your Elgin dealer are there to support your investment upon delivery and beyond with local parts, service and training!
The Elgin Industrial Eagle is a robust outdoor sweeper with incredible digging power and year-round sweeping and safe removal of water-reacting materials. The patented dry dust control system allows increased pickup of fine particles, proven and bulky debris as well as smaller particles found in industrial applications. The side dump capability with a sweeping system that easily handles heavy, compacted dirt and water and waterless PM-10 and PM 2.5 sweeping, serviceability and variable height

**PERFORMANCE**

**INVENTED WATERLESS DUST CONTROL SYSTEM**

- A powerful vacuum fan to capture fugitive dust during sweeping
- Man and side broom skirting for dust capture and containment
- Long-life, low maintenance filter between the hopper and the vacuum fan
- The system is rated at PM 10/0.5 to meet strict EPA standards

**SUPPLEMENTAL WATER SYSTEM**

- Ability to switch from waterless to water dust control while sweeping
- In-cab variable controlled water flow for the main and side brooms
- 320 gal (1,210 L) removable, rustproof polyethylene water tanks
- A powerful vacuum centrifugal run-down type pump - A gem (227 L/min) @ 80 psi (5.8 bar)

**PRODUCTIVITY**

**WIDE SWEEP PATH**

- Hydraulically driven main and side brooms for 10 ft (3,048 mm) sweep path
- Main broom in-cab variable broom speed for varying sweeping conditions
- Down pressure can be adjusted from cab while sweeping over variable terrain such as rail crossings, asphalt imperfections, and ramps
- Main broom is mounted on a full-floating, trailing arm design with shocks to follow road contours
- 42 in (1,067 mm) free-floating, trailing arm side brooms provide powerful digging action and full four-way motion and side-way protection when passing close to obstacles
- Variable speed and down pressure for digging and wear control are controlled in the cab for deep digging or light touch for passing close to obstacles
- Main broom is mounted on a full-floating, trailing arm design with shocks to follow road contours
- High-strength belt material provides long wear for large or fine material
- The 50 degree dump angle provides easy material slide-out for excellent dump performance
- Center position keeps weight between the dual tires during dumping and maintains proper weight distribution as the sweeper unloads
- 420 gal (1,570 L) removable, rustproof polyethylene water tanks
- In-cab variable controlled water flow for the main and side brooms
- A powerful vacuum fan to capture fugitive dust during sweeping
- Man and side broom skirting for dust capture and containment
- Long-life, low maintenance filter between the hopper and the vacuum fan
- The system is rated at PM 10/0.5 to meet strict EPA standards

**EASY IN-CAB OPERATION**

- A complete set of auxiliary engine gauges keeps the operator informed at all times
- In-cab variable controlled water flow for the main and side brooms
- A powerful vacuum fan to capture fugitive dust during sweeping
- Man and side broom skirting for dust capture and containment
- Long-life, low maintenance filter between the hopper and the vacuum fan
- The system is rated at PM 10/0.5 to meet strict EPA standards

**OPERATOR CONVENIENCE**

**MINIMUM NOISE LEVELS**

- Cab, chassis, and sweeper system are designed for low in-cab and drive-by noise levels, providing maximum operator comfort and safety
- OEM chassis cabs are pressurized; eliminating dust from entering when windows in up position

**CONVENIENT, EASY MAINTENANCE**

- Four access doors (with locks) open wide to auxiliary engine and dry dust control components, including the fan and filter
- Built-in wash down system of the conveyor allows quick, easy clean-up
- All wiring harnesses are color-coded and labeled for easy maintenance and troubleshooting
- All connectors are weatherproof to prevent moisture from getting into the connection
- Access to the side and main brooms is quick and requires no tools
- The shrouds are hinged and easily latched and unlatched making routine maintenance trouble-free

**EASE OF OPERATION**

**PROVEN CHASSIS**

- Mounted on a high-visibility, commercial chassis and available fully right and left dualized with chassis OEM components
- The typical chassis features a 200 hp engine and five speed overdrive transmission and meets all FMVSS standards
- The short wheelbase on choice of Cab-Over or conventional provides a tight turning radius
- The unique full ride suspension provides comfort during travel, and the ability to deflate airbags and provide a rigid side for sweeping and dumping stability

**CONVENIENCE**

- A complete set of auxiliary engine gauges keeps the operator informed at all times
- All wiring harnesses are color-coded and labeled for easy maintenance and troubleshooting
- All connectors are weatherproof to prevent moisture from getting into the connection
- Access to the side and main brooms is quick and requires no tools
- The shrouds are hinged and easily latched and unlatched making routine maintenance trouble-free

**PRODUCTIVITY**

**EAGLE INDUSTRIAL EAGLE®**

Waterless Advantage. Elgin Performance. Year Round Sweeping
Waterless Advantage. Elgin Performance. Year Round Sweeping

The Elgin Industrial Eagle combines maneuverability, highway transport speeds, water and waterless PM-10 and PM 2.5 sweeping, serviceability and variable height side dump capability with a sweep system that easily handles heavy, compacted dirt and bulky debris as well as smaller particles found in industrial applications. The patented dry dust control system allows increased pick up of fine particles, proven and bulky debris as well as smaller particles found in industrial applications. The side dump capability with a sweep system that easily handles heavy, compacted dirt water and waterless PM-10 and PM 2.5 sweeping, serviceability and variable height dumping.

**OPERATOR CONVENIENCE**

- Cab, chassis and waterless system are designed for low-in-cab and drive-by-noise levels, providing maximum operator comfort and safety.
- OEM chassis cabs are pressurized; eliminating dust from entering when windows in up position.

**CONVENIENT, EASY MAINTENANCE**

- Four access doors (left to right side to auxiliary engine and dry dust control components, including the fan and filter.
- Built-in steps and a steel service platform provide stable work surfaces.
- All wiring harnesses are color-coded and labeled for easy maintenance and troubleshooting.
- All connectors are weatherproof to prevent moisture from getting into the connection.
- Access to the side and main brooms is quick and requires no tools.
- The shrouds are hinged and easily latch and unlatch making routine maintenance trouble-free.

**EASY IN-CAB OPERATION**

- A center-mounted console provides access to all sweeper controls from either driving position.
- Includes hopper, conveyor, rear suspension, vacuum fan assist, adjustable spray water, broom controls, plus a full load indicator.
- Broom speed, conveyor speed and digging pressure are adjustable independent of truck RPM.
- Reverse gear automatically raises sweeping components to prevent damage.
- A complete set of auxiliary engine gauges keeps the operator informed at all times.

**PERFORMANCE**

**PATENTED WATERLESS DUST CONTROL SYSTEM**

- A powerful vacuum fan to capture fugitive dust during sweeping.
- Man and side broom skirting for dust capture and containment.
- Long-life, low maintenance filter between the hopper and the vacuum fan.
- The system is rated at PM-10/2.5 to meet strict EPA standards.

**SUPPLEMENTAL WATER SYSTEM**

- Ability to switch from waterless to water dust control while sweeping.
- Inlet variable controlled water flow for the main and side brooms.
- 320 gal (1,210 L) removable, rustproof polyethylene water tanks.
- A self-priming centrifugal run-down type pump. - A 2.27 L cm (90 psi) 5.8 bar.

**PRODUCTIVITY**

**WIDE SWEEP PATH**

- Hydraulically driven main and side brooms for 10 ft (3,048 mm)
- Main broom has in-cab variable broom speed for varying sweeping conditions.
- Down pressure can be adjusted from cab while sweeping over variable terrain such as rail crossings, asphalt imperfections, and ramps.
- Main broom is mounted on a full-floating, trailing arm design with shocks to follow road contours.
- 42 in (1,067 mm) free floating, trailing arm side brooms provide powerful digging action and full four-way motion and sideways protection when passing close to obstacles.
- Variable speed and down pressure for digging and wear control are controlled from the cab for deep digging or light touch for maintenance sweeping.

**NO-JAM CHEVRON CONVEYOR BELT**

- Chevron conveyor features molded-in, full-width cleats that move 9 inch large debris without jamming.
- High-strength belt material provides long wear for large or fine material.
- Controlled from the cab, including reverse, conveyor assures efficient loading of heavy granular debris as well as bulky materials due to self centering and direct drive.
- High-speed of belt throws material to front of hopper to more effective loading.
- Built-in each conveyor supports the conveyer allows easy, quick clean-up.

**EASY IN-CAB OPERATION**

- A center-mounted console provides access to all sweeper controls from either driving position.
- Includes hopper, conveyor, rear suspension, vacuum fan assist, adjustable spray water, broom controls, plus a full load indicator.
- Broom speed, conveyor speed and digging pressure are adjustable independent of truck RPM.
- Reverse gear automatically raises sweeping components to prevent damage.
- A complete set of auxiliary engine gauges keeps the operator informed at all times.
The Industrial Eagle is a robust outdoor sweeper with incredible digging power and year-round sweeping and safe removal of water reacting materials. The patented dry dust control system allows increased pick up of fine particles, proven side dump capability with a sweep system that easily handles heavy, compacted dirt, water and waterless PM-10 and PM 2.5 sweeping, serviceability and variable height.

**PERFORMANCE**
- Patented Waterless Dust Control System
  - A powerful vacuum fan to capture fugitive dust during sweeping
  - Main and side broom skirting for dust capture and containment
  - Long-life, low maintenance filter between the hopper and the vacuum fan
  - This system is rated at PM-10/2.5 to meet strict EPA standards

**SUPPLEMENTAL WATER SYSTEM**
- Ability to switch from waterless to water dust control while sweeping
- Includes variable controlled water flow for the main and side brooms
- 320-gal (1,210 L) removable, rustproof polyethylene water tanks
- A powerful vacuum fan to capture fugitive dust during sweeping

**PRODUCTIVITY**
- Wide Sweep Path
  - Hydraulically driven main and side brooms for 10 ft (3,048 mm) sweep path
  - Main broom in cab variable broom speed for varying sweeping conditions
  - Down pressure can be adjusted from cab while sweeping over variable terrain such as rail crossings, asphalt imperfections, and ramps
  - Main broom is mounted on a full-floating, trailing arm design with shocks to follow road contours
  - 42 in (1,067 mm) free-floating, trailing arm side brooms provide powerful digging action and full four-way motion and sideway protection when passing close to obstacles
  - Variable speed and down pressure for digging and wear control are controlled from in cab for deep digging or light touch for maintenance sweeping

**NO-JAM CHEVRON CONVEYOR BELT**
- Chevron conveyor features molded-in, full-width cleats that move 9 inch large debris without jamming
- Main and side broom skirting for dust capture and containment due to self-centering and direct drive
- High-speed of belt throws material to front of hopper for more effective loading
- Built in each side of the conveyor allows quick, easy clean-up

**EASY IN-CAB OPERATION**
- A complete set of auxiliary engine gauges keeps the operator informed at all times
- Broom speed, conveyor speed and digging pressure are adjustable independent of truck RPM
- Reverse gear automatically raises sweeping components to prevent damage
- A complete set of auxiliary engine gauges keeps the operator informed at all times

**EASE OF OPERATION**
- Mounted on a high visibility, commercial chassis and available fully right and left dualized with optional OESM components
- The typical chassis features a 300 hp engine and five speed overdrive transmission and meets all FMVSS standards
- The short wheelbase on choice of Cab-Over or conventional provides a tight turning radius
- The unique full ride suspension provides comfort during transport, and the ability to deflate airbags and provide a ridged axle for sweeping and dumping stability

**EASE OF MAINTENANCE**
- Built in each side of the conveyor allows quick, easy clean-up
- A complete set of auxiliary engine gauges keeps the operator informed at all times
A powerful vacuum fan on the sweeper creates an air stream through the debris hopper, conveyor and skirted areas. The inward rushing air carries the airborne dust into the debris hopper, where it’s allowed to settle out with the rest of the swept debris.

A majority of the fugitive dust falls into the hopper with only a small amount of dust getting to the filter. When the filter becomes loaded, it can be mechanically cleaned with an on-board cleaning system so sweeping can continue. Sweeping through water and or during rain and snow will not affect the filter since it’s blind to incoming debris or moisture.

A long life, low maintenance dry filter element is installed between the debris hopper and the vacuum fan to prevent dust from being pulled from the hopper and blown out the vacuum fan exhaust. These are fabricated from highly resilient polymer material for long wear and are easy to change and maintain.

Elgin’s filter is waterless dust suppression technology as patented - U.S. #7,281,296 B2, U.S. #6,584,157 B2.

Elgin Sweeper has a network of more than 50 dealer locations in North America. So no matter where you work, Elgin Sweeper and your Elgin dealer are there to support your investment upon delivery and beyond with local parts, service and training!

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ISO-9001 and PM-10 Advantages

Elkin's filter is waterless dust control system PM10/2.5

OPTIONAL ENHANCEMENTS

• Rotating beacon or strobe light
• Carbide/boron dirt shoes
• Poly side brooms
• Automatic engine shutdown (high temp/low pressure)
• Main broom hour meter
• One-touch sweep resume system

Elgin Sweeper Company backs the Eagle sweeper with a one-year limited warranty. The Eagle is warranted against defects in material or workmanship for a period of 12 months from the date of delivery to the original purchaser. Optional extended warranty packages are available. Consult your Elgin Sweeper dealer for complete warranty details.

Elgin Sweeper Company
Industrial and Waterless Dust Control

GENERAL SPECIFICATIONS

| Travel speed: | Highway speed, 65 mph |
| Sweep System: | No-Jam chevron conveyor belt |
| Sweeping Path (max): | 10 ft (3.048 m) |
| Hopper Capacity (volumetric): | 4.5 yd³ (3.5 m³) |
| Dust Suppression: | Waterless dust control system or with water |
| Auxiliary Water System: | 320 gal (1,210 L) used with dust suppression system |
| Dumping Height (max): | 10 ft (3.048 mm) |
| Dump Location: | Right side, variable height |
| Engine: | JD4045 T4F |

Elgin Sweeper Company industrial with Waterless Dust Control

| CAB-OVER CHASSIS |
| Lifeline® Hopper System |
| In-Cab Side Broom Tilt |

Elgin Sweeper Company industrial with Waterless Dust Control

| ADDITIONAL OPTIONS |
| IN-CAB SIDE BROOM TILT |

Elgin Sweeper Company industrial with Waterless Dust Control

| OPTIONAL ENHANCEMENTS |
| CAB-OVER CHASSIS |
| Lifeline® Hopper System |
| In-Cab Side Broom Tilt |

Elgin Sweeper Company industrial with Waterless Dust Control

| WARRANTY |
| CAB-OVER CHASSIS LIFELINER® HOPPER SYSTEM IN-CAB SIDE BROOM TILT |