

ELGIN Pelican®

With Waterless Dust Control



The Pelican with dry dust control maintains all the popular features and sweeping performance that have made the Pelican the best selling three-wheel sweeper - without the use of water for dust suppression. This means increased pick-up of fine particles over traditional, wet dust control sweepers, proven reliable year-round sweeping and considerable water conservation. The Pelican's standard features include:

- **Outstanding maneuverability:** for quick turns and sweeping close to obstacles.
- **No jam debris conveyor:** to move large debris without jamming.
- **Variable height front dump hopper:** for single-lane dumping from ground level up to 9' 6".
- **Durable, purpose-build chassis:** provides reliable, low-maintenance operation and stable sweeping and dumping.
- **Efficient comfortable cab:** isolation mounted cab for a cleaner, quieter, more comfortable operating environment - large windows, wide see-through doors and a full-width windshield for 360 degree visibility.

Dry Dust Control System: The Pelican with dry dust control features a patented dust control system that includes a dust skirting system, dust separator in the hopper, and a dust control fan with a maintenance-free filter – working together to control fugitive dust without the use of spray water.

The Pelican's waterless dust control system means operators sweep more and spend less time filling tanks enhancing productivity. Without water, mud doesn't build up on components, which can reduce clean-up time at the end of the shift. And since there is no water, sweeping in freezing weather conditions is possible, helping you meet the growing demand for quick pick up of winter-time road sand, salt and cinders.

For more information or to schedule a demonstration, contact your local Elgin dealer or visit www.elginsweeper.com to locate a dealer near you.

ELGIN Pelican[®]

Industrial Application Package



Fly Ash



Coal Dust



Indoor Cleaning

The industrial application package adds features that improve dust control performance in very fine materials found in industrial processing such as coal dust, cement or fly ash. The package includes a lower roller deflector and a side broom speed adjustment.



The lower roller deflector, sometimes referred to a launch ramp, covers the rear portion of the lower roller and prevents dust, sand and gravel from being batted back into the broom by the conveyor coming around the lower roller. The material is moved more smoothly and completely on to the conveyor belt and into the hopper. The deflector can be removed if bulky material such as litter or leaves are to be swept, then reinstalled for the finer particle sweeping.

In order to prevent dust from being kicked up during the initial sweeping process, a 30% slower side broom speed setting is also programmed into the sweeper. This also allows an increased engine RPM when needed to enhance the air flow being generated by the dust control fan without over speeding the side brooms. This side broom/fan relationship enhances fugitive dust capture and filtration and reduces dust release into the atmosphere.

These features combined enhance the sweeper performance in the dry, powder type material making it an ideal cleaning solution for many industrial applications.

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