

FINN

Landfill Solutions®





Extend Landfill Life

Each cubic yard of dirt that is used for daily cover results in a permanent loss of revenue on space that cannot be sold. FINN's Alternative Daily Cover takes up 24 times less space than dirt, extending the life of the landfill.

FINN Waste Cover

FINN Waste Cover is an Alternative Daily Cover (ADC) manufactured from recycled paper and wood, and also contains polymers, an enzyme complex, and other proprietary ingredients. When mixed with water in a FINN landfill machine, the spray-on slurry is then applied to the "open face," forming a cement-like crust. Waste Cover also helps to alleviate odors and breaks down landfill waste more quickly.

Biodegradable, non-toxic, and non-flammable – **Waste Cover is easy to load, mix and discharge.**

FINN Consumables and TRU-Mulch Materials

FINN offers a wide range of special additives or consumables designed specifically for FINN HydroSeeders and their applications. The FINN Consumable Products are an exclusive blend of premium products that create the ideal growing environment in a singlestep Hydroseeder tank load. FINN TRU-Mulches are produced from high quality wood fibers for use in hydroseeding and erosion control applications.

Equipment

FINN LF120 HydroSeeder®

The FINN LF120 was designed specifically for landfill use and can be towed behind any piece of heavy equipment. Use the LF120 to spray-on ADC, odor and dust control products, as well as a wide variety of materials for turf development, revegetation, and erosion control. Other size landfill models are available.

Benefits of Alternative Daily Cover (ADC)

- Significant Space Saver
- Adds to Landfill Life
- Covers for Pennies per Square Foot
- Non-Toxic
- Minimizes Wind Blown Litter
- Reduces Noxious Odors
- Non-Flammable. Reduces Fire Hazard Potential.
- Delays Construction Costs
- Reduces Fuel, Equipment and Labor Costs



FINN Landfill Solutions

- Environmentally Friendly
- Creates Labor Saving Efficiencies
- Promotes Greater Reliability Through Engineering & Manufacturing Quality
- Preserves Valuable Airspace

Aids in meeting federal requirements*

FINN Waste Cover Meets ASTM D4982-95:

Flammability Potential Screening Analysis of Waste

FINN Waste Cover Meets ASTM D6523-00:

Standard Guide for Alternative Daily Cover for Sanitary Landfills:

- Minimize Disease Vectors
- Control Leachate and Erosion
- Reduce Fire Hazard Potential
- Minimize Wind Blown Litter
- Reduce Noxious Odors.
- Provide an Aesthetic Appearance.
- Allow Accessibility Regardless of Weather

Saving Space Increases Revenue

The East Baton Rouge Parish Landfill has used FINN Waste Cover as an Alternative Daily Cover for many years. Here are some of the benefits they realized by using the ADC:

- \$3.7 million savings in space per year.
- Approx. 20,000 gallons diesel saved per year.
- \$60,000 manpower savings per year.
- About 250,000 lbs. of recycled paper is now being used as daily cover each year.
- Birds don't like this cover.
- Far less usage hours for dump trucks, excavators, and dozers.
- 1.5 total hours for daily cover application.

24
times
LESS
SPACE
THAN DIRT

1/4"
ADC



6"
SOIL



* Federal and State regulations require that landfills cover their solid waste daily with a minimum of six inches of dirt. At the end of each day a cover must be applied to seal compacted trash preventing noxious odors, spreading litter and access to pests, such as birds, rats and insects.

Equipment Solutions

A fully loaded FINN LF120 landfill unit can cover up to 7500 square feet, while the process to load and discharge the slurry takes less than one hour.



LF120

Power	Yanmar 3TNV88C-DYEM, 35.1 hp (26.2 kW) 3-cylinder water cooled diesel engine, Tier 4 Final.
Working Weight	18,377 lbs. (8,336 kg)*
Tank Size	1,180 gallon (4,468 liter) liquid capacity, 1,000 gallon (3,785 liter) working capacity
Pump	Centrifugal 4" x 2" (10 cm x 5 cm) 170 gpm @ 100 psi, (646 lpm @ 7 kg/cm ²), 3/4" (1.9 cm) solid clearance, adjustable
Discharge Distance	Up to 180 feet (55 m) from end of discharge tower

Landfill Solutions Disclaimers

* Working weights are approximate and do not include options or stored materials.

The LF120 HydroSeeder® is the efficient and effective solution for applying ADC's. For these challenging environments, FINN has protected the engine, pump, and fuel tank from debris with the addition of special guards and skid plates; high clearance, heavy-duty tandem 10,000 lb. rubber torsion axles, along with tubeless high flotation tires for maneuvering on uneven surfaces; and an extended and reinforced trailer tongue with hitch extension for towing behind any piece of heavy equipment.

Designed specifically for use in landfill environments, the LF120 can also be used to apply products for dust control, erosion control and revegetation. FINN landfill units are also available in larger tank sizes if desired.

Capabilities

- Will cover an average open face in less than 1 hour using only one tank load.
- Discharge distance up to 180 ft. for efficient ground coverage.
- Working capacity of 1,000 gallons.
- FINN designed centrifugal pump handles the thickest of slurries.
- Full deck railings and storage capacity to carry extra materials.



SMARTER WAYS TO WORK™

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