Proterra How To

Prepare for Sweeping

2

5

8



Before operating any machine, read the owner's manual carefully and take time to learn the control panel functions.



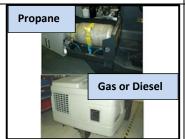
Check the machine for damage and oil leaks.



Check the hydraulic system oil.



Check battery level indicator to make sure the batteries are fully charged (battery models only).



Check the fuel level: LP models – lift the engine cover and replace the Propane tank (secure the tank with the strap).

Gas and Diesel models - carefully add fuel through the fill port.



Check the engine air filter service indicator — engine models (reset the indicator after cleaning or replacing the air filter — engine models).

6

9

Check the tire pressure (85 psi for all tires).



Familiarize yourself with the operator's interface.



Inspect controls, parking brake and install main broom. Fill dust guard system with clean water (optional for machines with this feature)



Plan cleaning route. Re-inspect the parking brake then prepare for sweeping.

7

Proterra How To

Machine Operation



Adjust seat to desired position. Start the machine



Set the throttle (engine models only). Parking brake should be off



Engage foot pedal then transport to designated work area (drive safely).



4



Lower hopper then lower and turn on main broom.



Turn on vacuum fan and dust control system. Turn on DustGuard System (if applicable).



Lower and turn on side brooms.

7



8

5

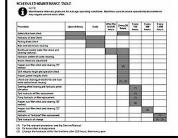
2



Empty hopper

9

6



Prepare machine for storage and daily maintenance.



Proterra How To

Daily Maintenance



1

Be sure to follow daily and occasional maintenance instructions for the machine you currently have in your possession!

2

2

5



Check parking brake and hydraulic oil. Clean main and side broom. (For Battery Models)

Check engine coolant, engine oil, hydraulic oil level, parking brake and clean main and side brooms. (gas, LPG and diesel models)

Occasional Maintenance

After 1st 50 Hours

Diesel/LPG/Diesel Models

- Change engine oil and filter
- Engine coolant circuit and cooling fan belt check
- Battery check
- Dust control system water filter check and cleaning (optional)

Battery Models

 Dust control system water filter check and cleaning (optional)

Every 30 Hours Gasoline/LPG/Diesel Models

Diesel/LPG/Diesel Models

- Engine cooling fan belt check
- Dust control system water filter check and cleaning (optional)
- Engine air filter cleaning
- Engine radiator and hydraulic system oil radiator cleaning
- Broom check and adjustment
- Hopper dust filter check and cleaning ("A" method)
- Skirt integrity, height and operation check
- Hopper gasket integrity check

Every 30 Hours Battery Models

Battery Models

- Battery fluid level check
- Dust control system water filter check and cleaning (optional)
- Hydraulic system oil cooler cleaning
- Broom check and adjustment
- Hopper dust filter check and cleaning ("A" method)
- Skirt integrity, height and operation check
- Hopper gasket integrity check

Every 150 Hours Gasoline/LPG/Diesel & Battery Models (if apply)

- Lubricate steering wheel bearing and hydraulic Hopper dust filter check and cleaning ("B" method)
- Tank and Pump hydraulic oil filter replacement
- Dust control system water filter check and cleaning (optional)

Every 300 Hours

Diesel/LPG/Diesel Models

- Fuel filter replacement
- Fuel fitting and screw tightening
- Hopper dust filter check and cleaning ("C" method)

Battery Models

 Hopper dust filter check and cleaning ("C" method)

Every 1000 Hours Gasoline/LPG/Diesel & Battery Models

 Hydraulic oil "recharge" filter replacement

6

• Tank hydraulic oil change

