



Plastic Pellet Removal System

[www.rycobel.com](http://www.rycobel.com)

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## DELIVER ON YOUR ENVIRONMENTAL GOALS

TBOS is the leading system for plastic pellet removal from transport. Fully autonomous, TBOS is the only system of its kind, removing 90%+ of plastic pellets, and providing easy integration onto existing setups with no business interruption in installation or use.

- Meets environmental responsibilities, including those set out in Operation Clean Sweep® (OCS).
- Easy to install and run, designed to result in no disruption to business or on-site operations.
- Fully automatic, energy saving, and requires no additional resources such as water or manpower.

# MEET OPERATION CLEAN SWEEP PLUS YOUR ENVIRONMENTAL POLICIES

TBOS enables businesses to easily fulfil their environmental responsibilities, fully meeting Operation Clean Sweep® (OCS), as well as compliance with current and potential best practice guidelines.

- Ensures plastics spillage does not leave bulk terminals.
- Unique SoloJet nozzles effectively target all areas of trucks.
- Automatic high-speed blowers guarantee low energy usage.
- Able to operate and be effective in all kinds of weather.



Operation Clean Sweep®(OCS) is an international programme designed to prevent plastic granules, pellets, nurdles, flakes and powders being released into the environment during handling in the plastics value chain. OCS's goal is to help every plastic resin handling operation implement good housekeeping and plastic containment practices, working towards achieving zero pellet, flake, and powder loss and protecting the environment and saving valuable resources. For more information visit [www.opcleansweep.org](http://www.opcleansweep.org).

## EASY TO INSTALL RUN & MAINTAIN

TBOS is a fully autonomous system, designed to seamlessly integrate into existing sites, with zero impact to on-site logistics.

Once in place, TBOS is fully automatic, meaning that trucks only have to drive through it to start the blow-off process.

As TBOS does not use water there is no need to consider water containment, cleaning, filtering or maintenance.

TBOS is designed to be powerful enough to remove plastic nurdles/pellets spillage material from trucks, even when the truck surface is wet, without compromising on TBOS's energy saving capabilities.

All plastic nurdles/pellets are removed from the trucks and deposited onto the floor area surrounding TBOS. From here, they can be easily cleaned/collected using a standard industrial vacuum system.



### Energy-Efficient Blowers

TBOS self-generates the required airflow to effectively remove plastics using high speed blowers. When activated by the arrival of a vehicle, the system emits a powerful airstream in excess of 700 KPH.



### SoloJet Nozzles

TBOS contains a series of unique SoloJet nozzles that are optimally designed and positioned. These nozzles target all areas of a truck's surface where plastic spillage gather, including wheel arches.



### Fully Automatic

With controls that sense the arrival of a vehicle, TBOS is able to run continuously, 24 hours a day, with no operator or driver intervention needed, and no interruption to the standard flow of traffic at bulk sites.



Rycobel are signatories to OCS and we have designed and tested TBOS to ensure that it meets OCS standards. At Rycobel, we have decades of experience in engineering innovative air solutions, as well as more than 2000 satisfied customers in over 40 countries. For more information, or for a consultation, please call Rycobel on +32 (0)56 78 21 70 or email us at [info@rycobel.com](mailto:info@rycobel.com)