



The mobile unit is housed in a 20ft/ 6m container



The 2 flexible screw conveyors inside the container

## Customer Requirements

*Transvac Systems Ltd. is the worlds leading supplier of ejector solutions. They started business in 1973 and are both a designer and a manufacturer of Ejectors.*

Transvac contacted Spiroflow to find a Containerized Dosing System that must be housed in a 20ft/ 6m ISO container.

## Spiroflow Solution

Spiroflow custom designed a mobile dosing system which would fit in the confined space. We supplied:

- Type 5 Low Loading Discharger designed for process areas where restricted headroom causes problems in handling FIBCs
- Discharger Base Frame - A substantial carbon/mild steel box section base unit on to which the removable upper section is lifted by a forklift truck
- Rubber Membrane Dust Seal
- Flexible Screw Conveyor 3ft/ 1m long with flat spiral and center core
- Second Flexible Screw Conveyor is 20ft/ 6m long with a regular spiral
- Intermediate hopper located above a metering screw, having a capacity of approximately 26gal/ 100 litres, complete with a lid and dust spigot
- Hygienic Spout Clamp to ensure dust-free connection of bag liner to conveyor transition chute
- Multi-purpose Agitator Unit

This approach massively reduces the cost of water or waste treatment in those situations where a building would otherwise have to be erected. And, of course, they are mobile and can be available for transfer to any location on short notice to deal with a seasonal or emergency situation.

## How Can Spiroflow Help Your Business?

Contact us today to discuss your specific applications and needs.