

# Functioning: Emission-free waste disposal

The screw compactors already sited at collection points are exchanged by the electrically-operated collection vehicle and, thanks to the on-site compaction of waste, not only is the collection point capacity increased, but the frequency of emptying is also reduced considerably.



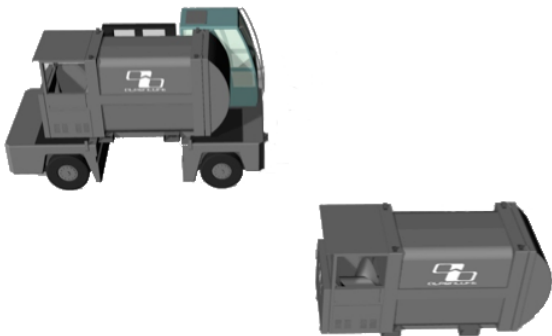
# Quiet, eco-friendly and forward-looking

Mini-screw compactors 3.5 m in length that have a space requirement of only 4 m<sup>2</sup> will replace conventional containers at collection sites and accept the same waste volume as 25 conventional 800-litre containers.

The increase in collection point capacity results in a considerably lower frequency of emptying and therefore also reduces the number of trips necessary for emptying. What's more, the quiet operation of the collection vehicle's electric drive helps to considerably reduce environmental impact and, when electricity generated by eco-friendly

methods is used, the system also offers CO<sub>2</sub>-neutral operation.

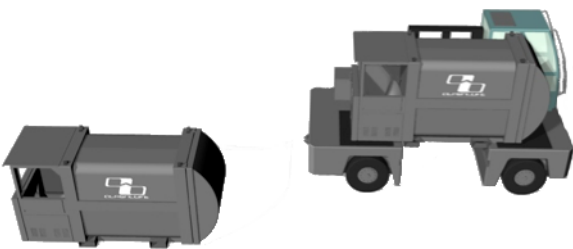
To exchange a full screw compactor, an electrically driven side-loading forklift truck carrying an empty screw compactor travels to the collection point where it is exchanged on site. Depending on local circumstances, the collected waste can either be transported to the waste incineration plant directly by the electrically driven side-loading forklift truck, or by rail.



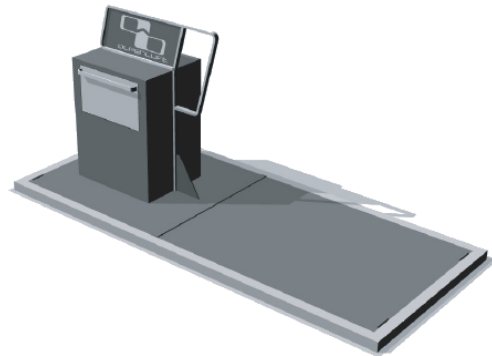
Arrival at collection point with empty screw compactor



Exchange of screw compactor



Removal of full screw compactor



Underground placement of the container is also possible

## Emission-free waste disposal in numbers

### All-electric

Loading capacity	6 t
Battery exchange	Yes
Operating time	8 h*
Max. speed	20 km/h

### Vehicle

Length	4.78 m
Width	2.20 m
Height	2.85 m
Turning circle	9.58 m

- No exhaust emissions
- Minimal noise emissions
- Low energy costs
- CO<sub>2</sub>-neutral operation

\* dependent on field of application