

# REFERENCE CASE

## ATANDO CABOS

### CHILE



#### BIG BALER HELPS CHILEAN RECYCLER REDUCE CARBON FOOTPRINT BY 33 %

The clean tech company Atando Cabos in Chile discovered the difference an Orwak compaction solution can make. By investing in the heavy-duty baler Orwak 3500, Atando Cabos increases the volume of recyclables sent to its plants.

**IN FACT, IT DOUBLES THE AMOUNT OF MATERIAL PER LOAD** - thereby lowering the transportation costs and reducing the carbon footprint by 33 %.



#### Sea ropes turned into new products

Atando Cabos, with the motto "cleaning up the world using plastic as a tool", recycles for instance ropes and nets from the sea and the fishing industry to produce new products such as plastic pallets and composters. It is a clean tech company developing collaborative technology solutions to turn massive volumes of plastic waste into new raw materials and products.

#### Double the weight in each shipment

Atando Cabos wanted to increase the tonnage of recyclables shipped to its plants in San Bernardo and Eslovenia and consulted the Orwak distributor SULO Chile. Together they arrived at a good solution to reduce the volume and avoid shipping discards or waste to the factories making material transportation more efficient.

After analyzing the needs, the sturdy 50-ton baler Orwak 3500 was chosen primarily for its power and bale dimensions: "To double the weight in each shipment, we needed each bale of ropes to weigh at least 520 kg, and this one meets the requirement."



#### Baler benefits:

- + **Transportation efficiency:** more material in each truck load.
- + **Carbon footprint reduction:** fewer trips means achieving a 33% reduction in CO<sub>2</sub> in material transportation.
- + **Lower transportation costs:** optimized transportation due to loading efficiency and fewer trips required.
- + **Less time spent** on truck loading and unloading saves costs further.
- + **Plant order:** minimizing storage space.
- + **Organized compacted and baled material** improves the operational loading/unloading process and enhances safety.



Atando Cabos appreciates the support from SULO Chile throughout the entire process of field testing, machine selection and the installation and start-up of the baler at the ACCA plant.

*"The main benefit for us is that the loading capacity increased by 50% leading to a reduced carbon footprint, associated with transportation, and a reduction in time and energy spent loading and unloading."*

