



- a strong solution for the environment



CASE: ReTec Miljø ApS Denmark, February 2019



ZERO WASTE SOLUTION

- a clean and cost effective SRF operation

The LafargeHolcim Heracles cement plant in Volos, is beautifully located by the blue Aegean Sea and with the small touristic town of Volos only a few kilometers away. So, when the plant went looking for a solution to transport, handle and open its bales of SRF, it was a given task to minimize all the local environmental impacts, in terms of odour, noise, dust, spillage and heavy road traffic.

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- Capacity up to 40 tons per hour
- OPEX incl. operator < 2 € / ton
- From bale to fuel: 100% zero waste

The bale opening solution specially developed and manufactured by ReTec integrates with the existing AF feeding installation. It is fully enclosed at all emission points to minimize dust emissions. And with a built-in sturdy four-shaft RS40 shredder from Untha, it also shreds the high calorific plastic wrapping into very suitable SRF. Thereby there is no rejects from the installation, no waste fraction that needs to be managed or paid to dispose of.

As bales are unloaded from the port terminal, they are placed on a pallet elevator to transport them over the public road separating the port terminal with the plant. Inside the plant the bales are driven by forklift either to a storage area or directly to the bale opener for processing. That is a clean and cost effective SRF operation!

FACTS:

- Capacity: 20 – 40 tons per hour
- Estimated Cost of Operation:
< 0,5 € / ton without shredder,
< 2 € / ton with shredder
- Operation hours: 24/7
- Operator required: 1 person (forklift driver)
- Type of bales: Universal
- Waste rejects: Zero



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ReTec develops, constructs and manufactures special machines for the waste and recycling industry. We offer practical solutions to our customer's needs, helping them increase profitability in their business.