

RDF production

Customer: **CEMEX, Mexico**
 Facility: **M&J PreShred 2000 S**
 Capacity: **40 tonnes/h**



"We got a convincing shredder. It's fast and strong and leaves the material uniformly, which reduces our cost considerably."

Positive experience with existing shredders

CEMEX is the world's fourth largest manufacturer of cement and has activities worldwide. The company can boast a long history of pursuing innovative industrial solutions, optimising results, and actively contributing to a sustainable future. It is a company that selects its suppliers carefully and has high expectations in terms of operational security and quality. For the purposes of CEMEX's RDF production in Iztapalapa, not far from Mexico City, the company has recently acquired an M&J 2000 S pre-shredder with 8 blades. CEMEX already operates two M&J PreShred 1000S at other facilities in Mexico, the operation of both of which has been without problems.

Challenging materials require strong solutions

For the Iztapalapa facility, the requirement was that the shredder should be able to handle up to 40 tonnes of MSW (Municipal Solid Waste) material per hour. This, additionally, would be materials with great variety in terms of size, structure, and hardness. That is why the strong M&J PreShred 2000S was selected, as the advanced blade design of the model is tailor-made for cutting through mixed and challenging materials. The Iztapalapa facility is the first step in the production of RDF (Refuse Derived Fuel) for the nearby cement oven. At Iztapalapa, the organic and the non-flammable fractions are separated out, allowing the remainder

(approx. 50%) to enter the RDF production. It is loaded in the form of bales and transported to a facility where it is either separated further for the main furnace or fed directly into the pre-heater.

The company

Cemex was founded in Mexico in 1906 and have grown from a local player to one of the top global companies in its industry. It has more than 50,000 employees worldwide. Their operations network produces, distributes, and markets cement, ready-mix concrete, aggregates, and related building materials in more than 50 countries.

Same technology - just stronger

