

PREPARATION OF REFUSE DERIVED FUEL (RDF)



Installation: Sorain Cecchini Ambiente S.C.A., Rome, Italy

Equipment: TYRANNOSAURUS® 9904 Capacity 40 t/h

Project description: The first Tyrannosaurus in Italy. Since the first day of start it has been processing municipal solid waste (MSW), collected from the whole area of the City of Rome. 97 % of the produced particle size is less than 100 mm. The coming waste material is tipped on the floor. The waste is then fed by grab cranes into several bag-openers. The fractions smaller than 90 mm are separated in a trommel screen for composting and the overs from the trommel fall into the Tyrannosaurus for crushing. After crushing the ferrous metals are separated from the product, and the product is ready for burning as low-cost fuel in gasifiers and other boilers.

Start-up December 2004