

PREPARATION OF MIXED, LOW-QUALITY WASTE INTO SUBSTITUTE FUEL



Installation: Smålands Miljö AB in Southern Sweden

Equipment: TYRANNOSAURUS® 9904

Capacity 16 - 20 t/h (14 t/h when shredding used car and truck tyres)

Project description: All kinds of mixed commercial and industrial waste, household waste and waste wood. The waste is extremely contaminated by stones, metal and other non-desired materials. Typically this type of waste is called landfill fraction.

Produced particle size is 40 – 60 mm.

The waste materials are either tipped directly from trucks on a 24 m long and 3.2 m wide step feeder or loaded to the step feeder by front loader. Ferrous metals are separated after shredding by an over-belt magnet. When metals are ejected by the crusher, the conveyor reverses. The product drops off from the reversible conveyor, drop height approx. 7 meters.

The product is delivered to be burned as substitute fuel in fluidized bed boilers.

Start-up December 2003