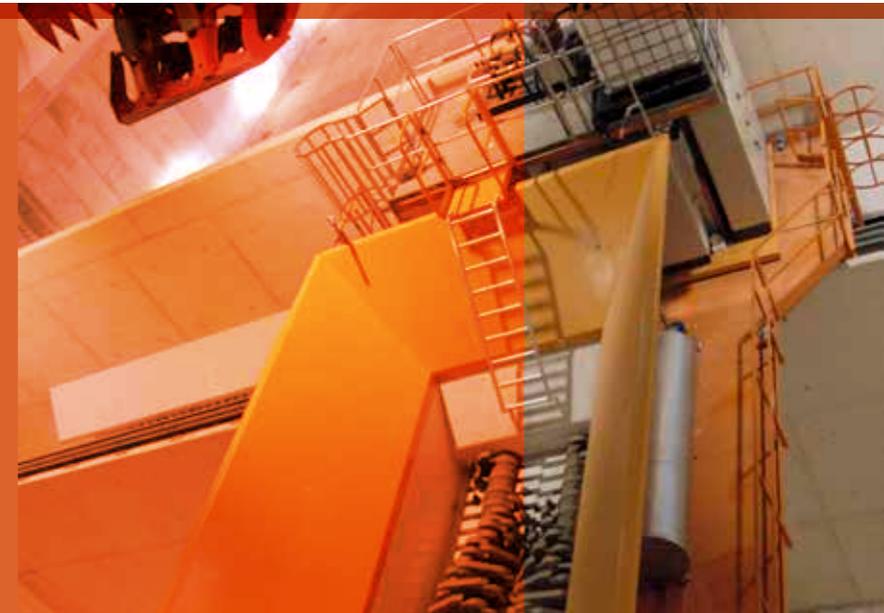




MBT plant

Customer: **Shanks Group, UK**
 Delivered: **May 2015**
 Facility: **M&J PreShred 6000S**
 Capacity: **Up to 60 tons/hour**



Efficient shredding in no waste of time

The 250.000 tpa MBT plant for municipal solid waste treatment in Manvers, Yorkshire, UK is a result of a partnership between Shanks Group, Scottish & Southern Energy and BDR Waste Partnership. The facility uses a fully proven and tested MBT approach based on A2A Ambiente patented biodrying technology, that converts non-recyclable waste into solid fuel while allowing separation of recyclables.

Serving the three areas, Barnsley, Doncaster and Rotherham and an overall population of more than 750.000 people the facility, operated by Shanks Group, is a key component in increasing recycling rates and turning urban waste into valuable resource.

Reliable pre-shredders with a high capacity are instrumental in order to create the best possible start to the biodrying process. The M&J Preshred 6000S. The knife-system is outstanding when it comes to bag-opening. Secondly, it ensures very good homogenization of the waste material and last but not least the tons it manages per hour are just crucial.

With the M&J Preshred 6000S Shanks and the BDR Waste Partnership found the best possible solution to the initial part of the biodrying process. First of all, it provides great reliability and a high capacity. Secondly, the customized knife-system ensures easy bag-opening and thirdly, the homogenization of the waste material is close to perfect.

MORE PRODUCTIVITY MEETS LESS TROUBLE

Metso has delivered two M&J PreShred 6000S to the new facility in Manvers, Yorkshire. Both stationary shredders operate continuously for 12 hours a day and 260 days per year. Thanks to the innovative knife-system and a robust construction they each handle up to 60 tons of waste per hour in just one step.

Both shredders have been fully operational since summer, 2015. Every aspect has so far been satisfactory. The shredders meet the requirements toward reliability and capacity. In fact, they perform better than promised. Moreover, the employees at the plant experience due to the easy handling of the shredders – low height and individual programming – a trouble-free and efficient process.

