

To increase and assure the quality of RDF recovered from the stream of fines, which includes wet organic waste, a belt dryer technology is used. This continuous dryer is self-sustainable and uses a small fraction of the heat generated by the waste to energy plant located adjacent to the MRF.

42 TPH RDF & SRF Preparation Plant from MSW and C&I

LEVENSEAT RENEWABLE ENERGY LTD

Lanark, Scotland

Completed in 2017

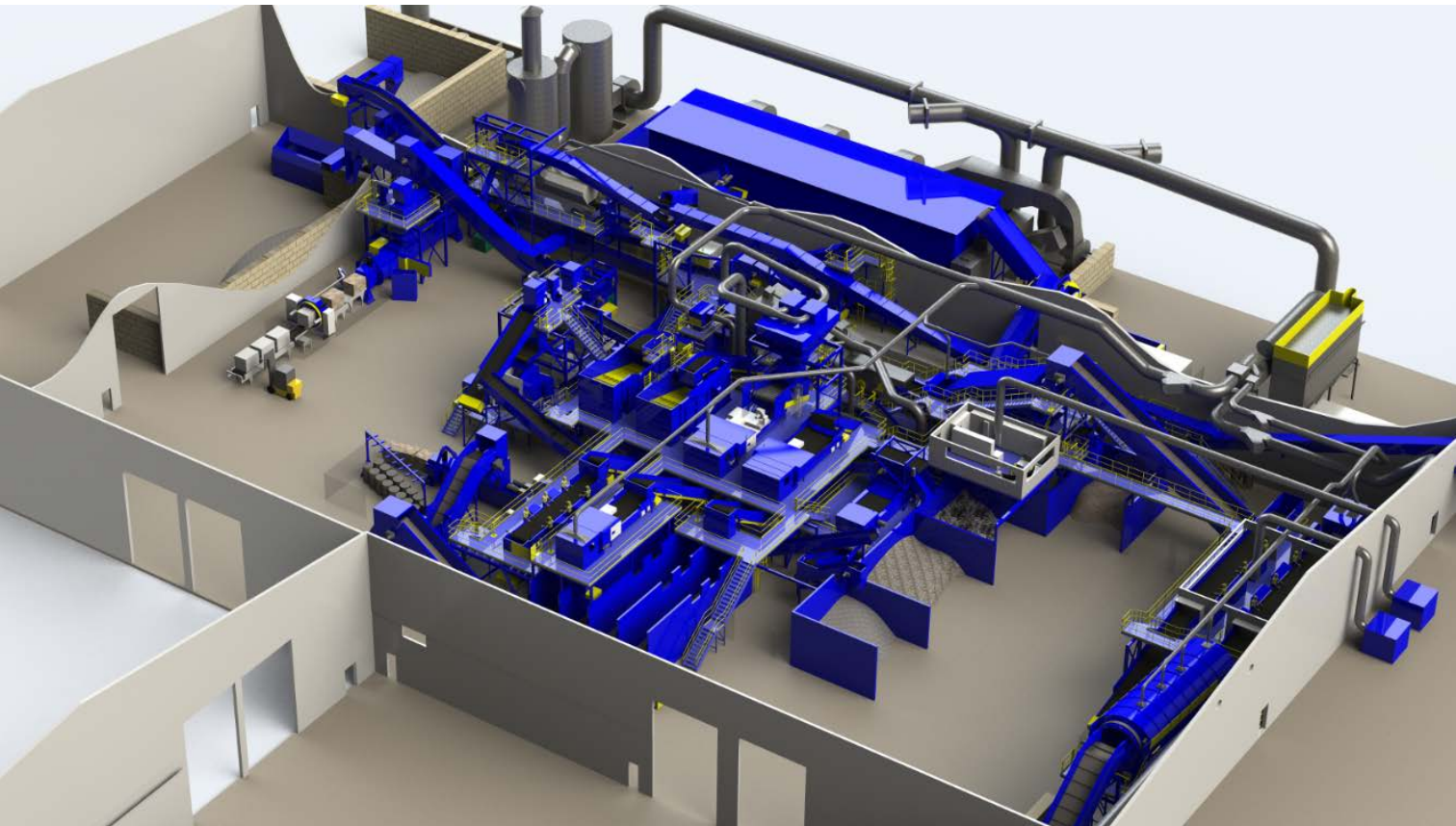


This system will produce 100,000 TPA of RDF feedstock for the Levensat Energy From Waste Plant.

It also produces SRF from super light & high calorific non-recyclable waste commodities.

Sorted Material

RDF & SRF
Cardboard
Mixed Paper
Mixed Plastics
Ferrous & Non ferrous
Wood
Heavies



Equipment List

Trommel
Primary Shredder
Combi Deck Vibrating Screen
Double Drum Heavy Light Separator
Windshifter
Single Drum Heavy Light Separator
(2) MACH Ballistic Separators
(4) Ferrous Magnets
Eddy Current
Dust Collector
(2) Fiber MACH Hyspec® Optical Sorters
Plastics MACH Hyspec® Optical Sorter
(3) Secondary Shredders
RDF Monitoring Unit
(2) Machinex Single-Ram Balers (one for RDF, one for recyclables)
Bale Wrapper
(2) Back Scraping Drums
(3) MACH Motion Floors®
Belt Dryer
Wet Scrubbers