



# **Demolition rubble pre- sorting station**

**Efficient pre-sorting of  
general demolition rubble  
and contactors waste.**

# **ELKAYAM**

**INDUSTRIES**

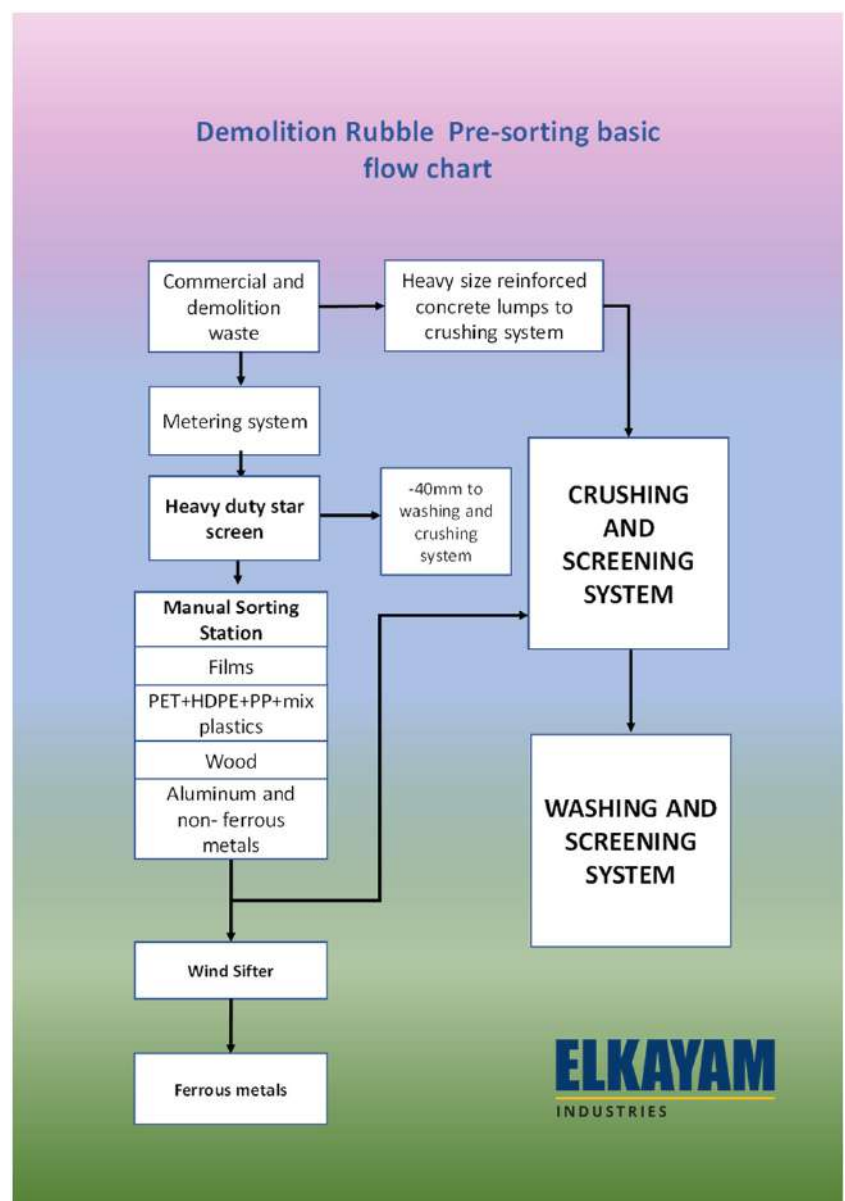
[www.elkayam.co](http://www.elkayam.co)

## Basic Specifications

Capacity:	120 to 180 tons per hour.
Material:	Mixed commercial and demolition waste.
Output:	Graded at 40mm, with manual separation of films and non ferrous metals. Automatic ferrous separation. Conveyor transport to crusher/loading or further treatment.
Collection:	Skip bins.
Electrical consumption:	Less than 50 Kw hrs.
Sorting efficiency:	90%+ of material received at site.

The system is based on the separation of materials in four stages which enable a recycling rate of above 90% of the rubble that is processed.

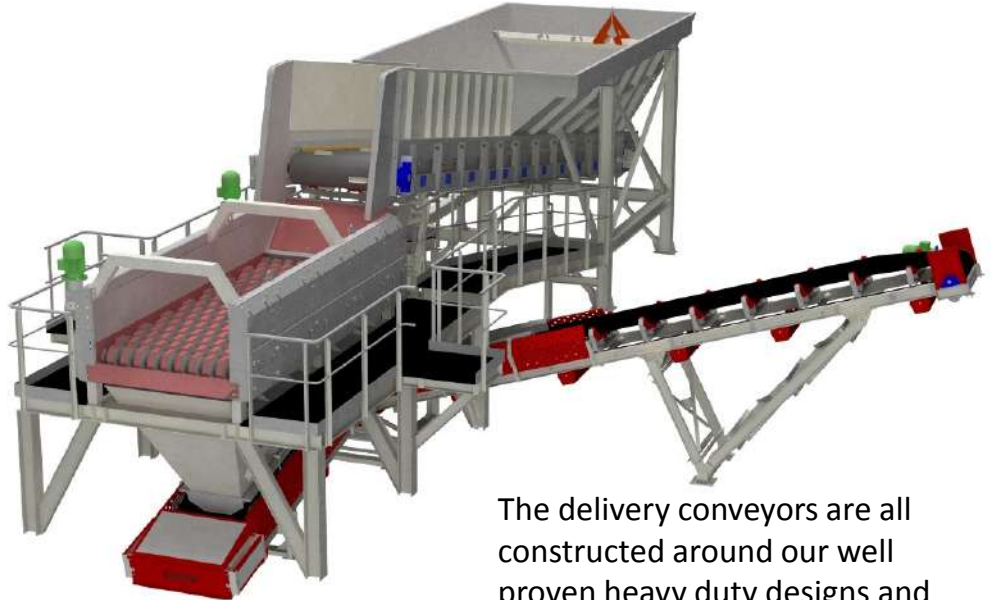
This flow chart demonstrates the basic pre-sorting flow pattern. From pre-sorting, the materials, depending on the specific materials being processed, can go to crushing washing and grading. Please speak with us at **ELKAYAM** for details of the system we can supply to suit your specific requirements.



The **ELKAYAM** pre-sorting installation is a complete pre-sorting installation which is designed to be semi-portable and can be employed stand alone or integrated into a crushing washing and screening system, dependent on the demands of the specific job and area.

## In feed and Star Screen

We build our purpose designed star screen system to operate effectively over the entire range of demolition materials without clogging or jamming using heavy duty materials and modular components for easy maintenance and low downtime.

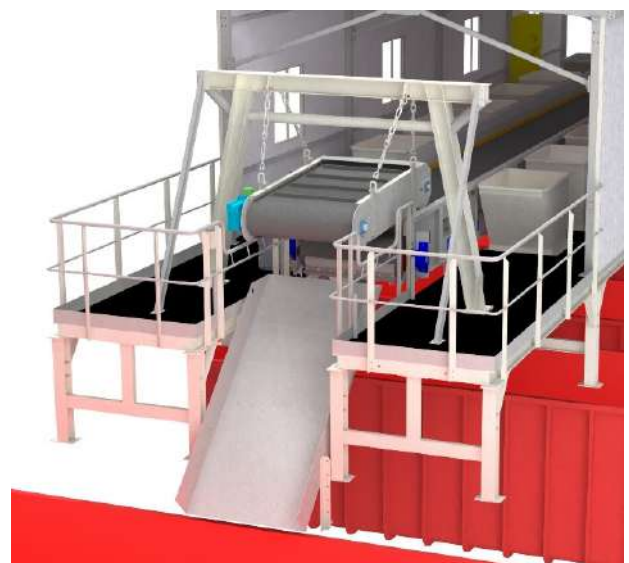


The delivery conveyors are all constructed around our well proven heavy duty designs and adapted according to the site requirements.



**Magnetic ferrous metal separation at output.**

## Manual sorting station



All the elements of the **ELKAYAM** Presorting system are designed, constructed and tested to suit specific demolition environments. The layout will be adjusted to meet the demands of the site in question and the material to be processed.



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