

HOW IT ALL WORKS IN SUMMARY



1 Receive incoming demolition material and check truck contents

2 Stockpile demolition waste (in the biggest stockpile you have ever seen!)

3 Initial rough sort at the stockpile by large excavator, removing large unrecyclable objects like mattresses, carpets, and bulky objects that we don't want to go through the plant (eg concrete blocks)

4 Transfer of stockpile material to plant

5 Loading of plant infeed by specialised high lift excavator

6 Screening of material to sort below 125mm and large

7 Larger material goes to a powerful shredder to reduce it's size to below 250mm

8 Material is recombined and sent to another series of screens which separate "fines" under 65mm and the rest

9 Fines go through a mechanised recovery system of vibrating screens to separate out ferrous metal, non-ferrous metal, soils, fine rubble, and fine waste

10 Rest goes through a manual sort line to recover recyclable materials (cardboard, gib, fittings, cable, plastics, etc) and then enters another mechanised sort process to recover ferrous metals, non-ferrous metals, clean timber, and clean rubble, with a residual waste

11 All residual waste goes to our adjacent new landfill

12 Timber is stockpiled for reuse

13 Other recovered materials removed off site for reuse or sale