

# Middleton conveyors

Purpose designed and fabricated to suit your requirements · single or double stage · built-in safeguards to protect operators · rubber slats or chain bed · any length made



At *Yorwaste's MRF near Scarborough* we installed this two stage conveyor as refuse vehicles tip complete loads into the in-floor conveyor. This could cause bunching and problems for the baler if it all arrived at the hopper at once. To solve this possibility we fitted two conveyors, the lower drops product into another that helps even out the flow.



This long *in-floor conveyor* allows shredded material from one Allegheny and one Ulster shredder to drop straight in, and already shredded material to be deposited from vehicles. The design incorporates a chain conveyor and a slider bed conveyor feeding into the back of a Presona LP80 baler. The purpose of this design is to leave the maximum amount of floor space to accommodate the various types of waste material entering the building.



A conventional conveyor feeding a Presona LP50VH2 at Paper Products, Smethwick.



This *picking conveyor* is at Severnside's MRF at Plymouth.



*Christian Salvesen/Tesco's* distribution depot at Chepstow.

And below: *Biffa's* depot at Nottingham. This is a chain conveyor consisting of rubber slats and flights feeding a metered load up to a sort cabin.



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# Middleton conveyors

Purpose designed and fabricated to suit your requirements · single or double stage · fully safeguarded to protect operators · rubber slats or chain bed · roller tracking



A steel belt conveyor leaving our works destined for installation at Paperchase, Bolton.

*Safety for operators* is paramount in our designs. Here the *Safetech* system has been specified by Christian Salvesen/Tesco. Personnel wear a yellow belt to which is clipped a transmitter. Should anyone fall into the baler or conveyor, the Safetech receiver picks up the signal and stops the conveyor. This is in addition to the emergency stop rope pulls that are always fitted to our conveyors linked directly to the safety electrical circuit of the baler.



The Co-op Fareham depot prefers the narrow conveyor we installed here as it takes up so little room. It feeds our LP50HM horizontal baler. Note the double emergency stop ropes every two metres.

*Below:* Not all our conveyors are large. This 4m design feeds our polystyrene shredder/baler and is at Comet's massive Westbury distribution depot. It turns awkward slab sheet into highly compressed manageable extruded cubes ready for the recycler. The conveyor allows minimal manual handling of material.



Middletons can design any type of conveyor to fit any type of location taking available space and logistics into consideration. Recent conveyor installations with associated balers have included:

- major supermarket distribution centres
- waste management MRF sites
- major tissue manufacturers
- recycling centres.

Why not give us a call to discuss your requirements?

Middleton conveyors can be:

- in-floor
- inclined
- steel slat and rubber belt
- steel belt
- chain driven
- motor driven roller

Agents for

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