Case studies: Trade Forms (Completed 15th September 2016)

A solution was sought to provide replacement compaction equipment which could handle the air system feeding loose paper trim waste from Trade Forms production / cutting operations. The existing machine was in operation for over 20 years and was becoming unreliable and inefficient. Highlander proposed provision of a specialized trim waste compactor system with rear mounted power-pack to remove fire hazards. The refurbished machine also came with shorter ram which allowed the installation to be smaller yet maintain a large charge box so that the machine would fit in the current space and still take the existing air system feed pipe which would be attached to the rear of the hopper. The installation proved challenging given the restricted space and re-attachment of the air feed pipe, however a solution was found to overcome these hurdles. The installation itself was a £10,000 investment and will result in less collections, better rebates and a tidier yard and production area all round. Images for illustration as below (Both before & after for illustration of the improvement gained):

Before Installation:

The installation took only 6 hours & was performed at a time that meant zero disruption to Trade Forms operations. The machine will prove to be a valuable asset in terms of added value to the waste materials, improved efficiencies & enhancements to the yard areas. We also provided 12 plastic collection tubs which will allow Trade Forms to dispose of larger paper fractions that are too large to be fed through the air system. Highlander will now collect the compactor material in containers with 5 ton payloads and the material will be baled and sold to mills in the UK to manufacture tissue based paper products such as toilet paper and hand towels.

During & after installation:

Bottom pictures – Machine installed and waste container attached