

sometimes not at all, according to landfill personnel. The 550 Dozer is used to spread cover soil and perform hill-grading work.



One of two 973 Track Loaders



D8 w/ADC Tarp-O-Matic

A3.2 Heavy Equipment – Recommendations

It appears that adequate equipment is available to perform the Landfilling, HODO, and Recycling operations. However, some of the existing pieces of heavy equipment are either too large for the landfill operation or are inappropriate for the work task they are performing. For example, the 973-track loader should not be pushing, spreading, and leveling trash at the working face. This task should be performed by the D8 dozer, which is better able to push, level, and layer the trash in less than two (2) foot lifts prior to compaction. The D8 dozer should be traded in for a D7 class dozer when it is time to replace the D8 dozer. A D8 dozer is not needed for 125 TPD – 150 TPD landfill operation. The smaller D7 dozer will also reduce equipment costs.

One of the 973 track loaders should be traded in on the purchase of a D6 LGP class dozer. This class of machine is the appropriate piece of equipment to apply daily, intermediate, and final cover soil and perform all of the grading work. Moreover, this machine can push, level, and layer the trash in uniform one to two foot lifts and apply the soft trash (fluff layer) on the bottom liner/ leachate collection system of new disposal cells. The D6 can also shape final trash slopes prior to placement of final soil cover. The D6 LGP Dozer can perform all of the above tasks more efficiently than the John Deere 550 dozer.

The 637 scraper (pan) should be traded in on the purchase of a CAT 325 to 345 Class tracked excavator and a 30 to 40 ton articulated truck. The existing scraper (pan) is too large for the current operation at the working face and cannot excavate borrow material from the borrow area for at least one to two days after a rain event. The excavator and articulated truck are better suited for the current conditions of the borrow area and can operate in most weather



CAT 637 G Scraper (Pan)