



ALLU DN2-12

to screen and produce fragment size under 50mm

green waste from chipper



loading



screening directly to a transport truck



end-product fragment size less than 32mm



- over 100% increase in productivity
- two-tier process completed in one stage
- minimal waste

job application:

to produce mulch, bio mass, bio fuel or compost of fragment size smaller than 50mm from suburban green waste and tree stumps (wet) that is processed through chipper.

location: WA TreeWorks, 847 Canning Mills Rd, Martin

equipment and method:

ALLU dn2-12 bucket with axe blades set to screen the material into 0-32mm end-product fragment size. Doosan DX225LC excavator.

previous methods used:

Chipper (mulcher), 6 inch vibrating screen and then change it to 2 inch screen to produce end-product with fragment size small enough for mulch or landscaping.

Two-tier process takes time and fuel consumption is high when using smaller screen.

results achieved with ALLU screening method:

- time to produce desired end-product halved
- fuel consumption in screening process halved
- ability to screen wet product
- minimal waste product
- blades can easily be changed onsite to produce end-product of different fragment sizes

