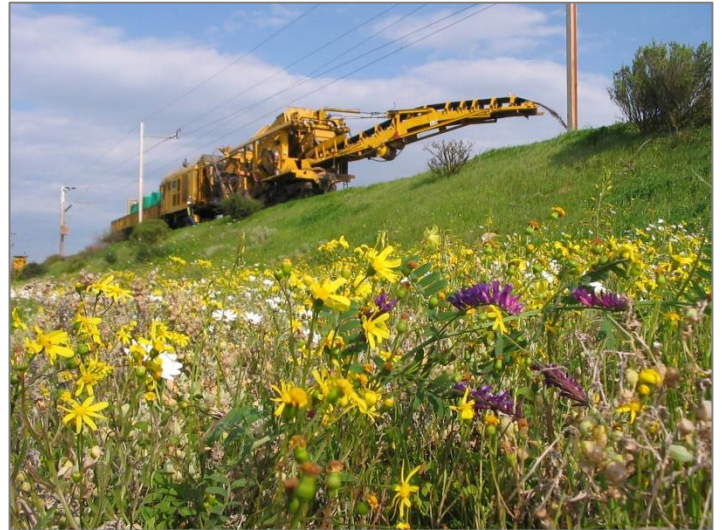


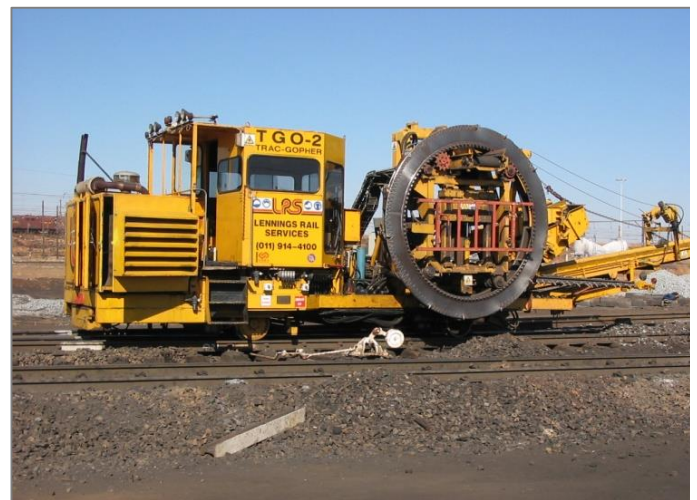
# Ballast Screening Machines



## Ballast Screening Machines

Aveng Manufacturing Lennings Rail Services operate and maintain a fleet of Ballast Screening machines. These machines were built locally under licence from Matisa of Switzerland. The machines have been adapted to suit various track conditions, such as restricted track screening – tunnels and platforms – track lowering and total rejection of the complete ballast profile. Various cutting depths and widths can be achieved utilising different sizes of cutterbars and plough wings. Spoil can be distributed into spoil wagons pushed by the screener, next to the track or onto trucks on adjacent tracks. Depending on ballast and track conditions, production speeds of up to 300m<sup>3</sup>/hr can be achieved.

To compliment the track screening ability of Aveng Manufacturing Lennings Rail Services, the Harsco Group designed track gophers locally built and adapted for turnout screening or track under-cutting. The machines have a system of conveyors, which can either deposit excavated material on the side of the existing track or in trucks on adjacent lines. The machines can also be used for track lowering and are suitable for “spot” screening of trouble areas. Depending on track conditions, production rates of up to 1.5m/min can be achieved. Due to its relative compact design and weight, these machines can easily be road transported from site to site.



## Track Gophers