

MAGNAPOWER



magnetic processing technology

Maximise Recovery of Food and Drink Cans

The Magnapower range of Can Sorters have been designed and developed to provide the most compact and efficient method of sorting aluminium and steel cans.



Minimise Maintenance

All magnet systems are from non-deteriorating permanent magnets and the machines are designed to give a prolonged working life in the most difficult conditions. Any wear parts are easily accessible and unique features such as the 'lid seal' system help to prevent any small/thin items from being trapped under the belt.



Optimise Throughput

The range of sorting machines offered enables the right size and sorting method to be offered to suit your application. The MCS 30 is ideal for applications with low levels of steel cans, whilst the MCS 90 will efficiently separate higher levels of steel cans.

Kerbside / Can-Bank Material

The majority of cans in both Kerbside and Can-Bank collections are steel. It is therefore necessary to use a separator capable of efficiently separating this high proportion of steel without sacrificing any aluminium. We have developed a Can Sorter that is ideal for this process (see MCS 90).



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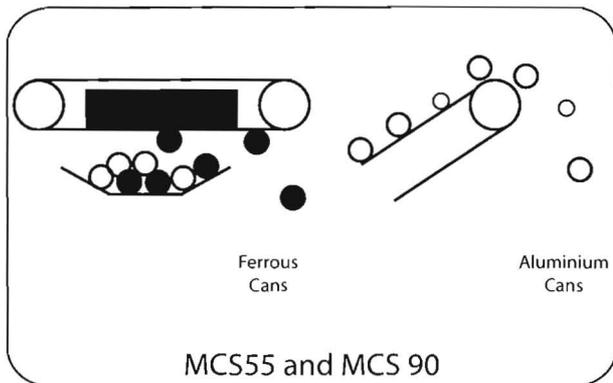
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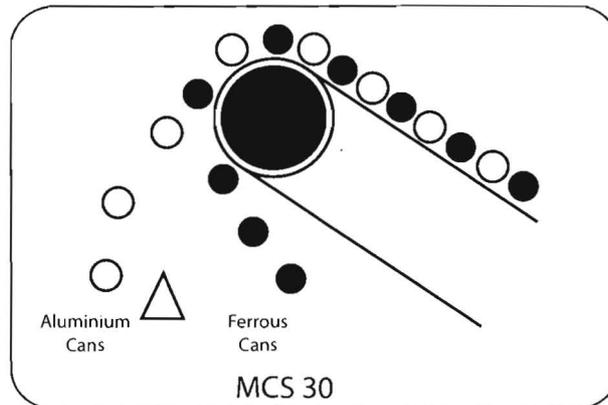
Operation of MCS 55 & MCS 90

Mixed cans are poured into the hopper. The constantly moving belt carries the cans underneath the OVERBAND MAGNET. The ferrous cans are lifted up to the moving belt of the OVERBAND, which carries them to the side of the can sorter and discharges them into the 'ferrous cans' chute.

Aluminium cans carry on up the main conveyor and discharge at the end into 'aluminium cans' chute.

Eddy Current Can Sorter

for the Removal of Glass, Paper, Rag etc from Aluminium. We offer a cost effective Eddy Current Separator so that the non-metallics can be sorted from the aluminium. Please contact us for more information on the Magnapower Eddy Current Can Sorter.



Operation of MCS 30

Mixed cans are poured into the hopper. The constantly moving belt carries the cans up to the MAGNETIC HEAD PULLEY of the conveyor. Aluminium cans drop off the end of the conveyor, whilst ferrous cans are held onto the surface of the belt and carried back under the head pulley where they discharge into the 'ferrous cans' chute.

Mini-MRF Plant



Magnapower Mini MRF Can Sorting Plant which includes: In Feed Hopper, Hand Picking Conveyor, Overband Magnet, Can Flattener, Eddy Current Can Separator, Discharge Conveyors.



We offer a complete range of magnetic separation equipment including:
Eddy Current Separators - Overband Magnets
Magnetic Head Pulleys - Drum Magnets

