

**MAGNAPOWER**



**MINI MATERIAL RECYCLING FACILITY (MRF)**

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## CUSTOM HIGH-PERFORMANCE MINI RECYCLING FACILITY SOLUTIONS

The Magnapower Mini-MRF is a smart solution for efficient recovery of dry recyclables, tailored to meet your specific operational needs. This compact plant delivers reliable separation of kerbside-collected materials such as cans and plastics, helping you maximise recycling performance with minimal footprint. Backed by Magnapower's end-to-end service from bespoke plant design to final commissioning.



### Standard Components of a Typical MRF Include

**In-Feed Hopper:** Distributes incoming material evenly onto the conveyor for smooth processing.

**In-Feed Conveyor:** Transports material into the sorting system; can be adapted for manual sorting stations or bag splitters.

**Steel Separation:** Uses overband magnets, drum magnets, or magnetic pulleys to extract ferrous metals such as steel cans.

**Non-Ferrous Metal Separation:** Recovers items like aluminium cans using Eddy Current Separators.

These components work together to maximise recovery and purity of recyclable materials. Any remaining material will be non-metallics such as plastic, paper and glass.

- Custom designed to suit specific requirements
- A compact and efficient plant providing reliable separation of recyclable materials
- All magnets are from non-deteriorating permanent magnets
- Designed to give a prolonged working life in the most difficult conditions
- Complete plant design, manufacture and installation service
- Built for real-world recycling, the Mini-MRF delivers reliable performance and high recovery - supporting your sustainability goals.

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