



C & D RECYCLING

COMPLETE DRY & WET SOLUTIONS FOR RECYCLING AGGREGATES



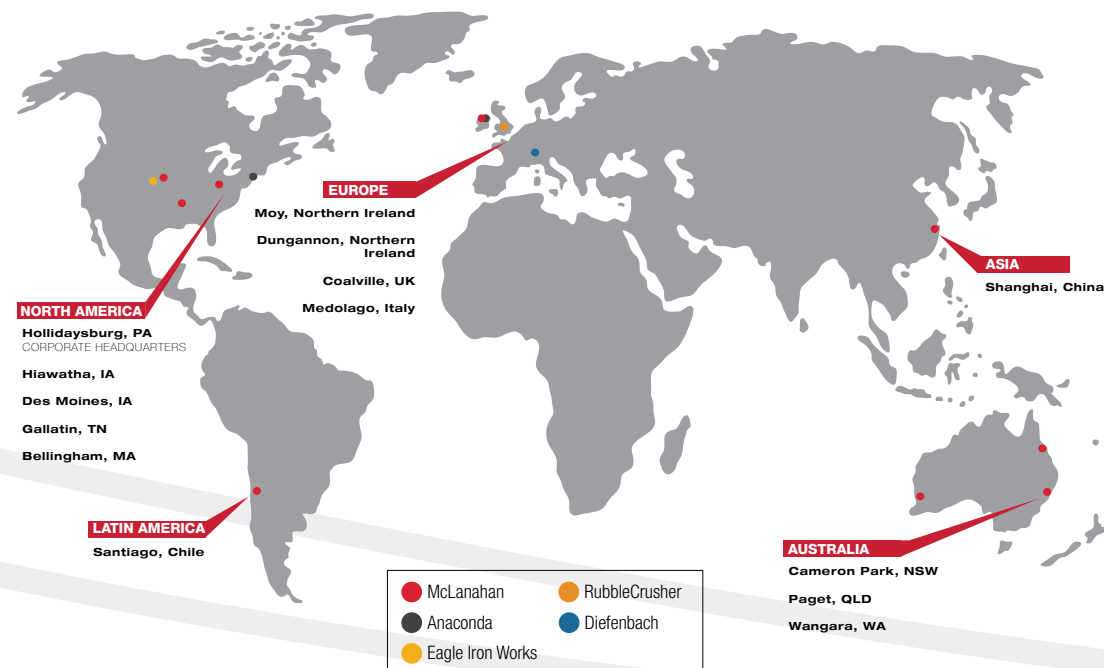
McLanahan, a global supplier of aggregate and mineral processing equipment and solutions since 1835, offers engineered systems that have been proven across various applications globally.

Driven by a culture of continuous improvement, our customers can be confident that McLanahan will deliver the most effective solution available to meet their requirements.

McLanahan has pioneered and developed a wide range of equipment, including feeding, crushing, screening, pumping, washing, classifying, dewatering, scrubbing, sampling, water recycling and tailings management. Our conservative approach in defining performance ratings coupled with our application experience, global manufacturing and support capabilities, allows McLanahan to be recognized as a global leader in material processing solutions and as a reliable and trusted partner.

With a focus on customer satisfaction, McLanahan offers service and support for the lifetime of the system. McLanahan engineers develop a customer-focused solution based on operational goals and analysis of feed material. Dedicated project managers oversee the production of the system every step of the way, while our after-sales support team assists with field service, spare parts ordering, operator training and more.

Increased demand for sustainable operations that support a circular economy has created new challenges for our customers. McLanahan is focused on supporting our customers to meet these challenges and embraces the opportunity to deliver efficient, productive C&D recycling solutions that provide sustainable aggregate production and significant environmental benefits.



C & D RECYCLING

Construction and Demolition (C&D) recycling is the process of recovering valuable fine and coarse aggregate from an array of inert waste streams that are otherwise sent to landfill.

Why Recycle?



Reduce the need for and reliance on virgin aggregate by creating a recycled aggregate product that can be used in many construction projects.



Supports responsible material processing for a cleaner and more sustainable future.



Provides a cost-effective alternative to multi-treatment or disposal processes by reducing energy and tipping costs while increasing the lifespan of mines and landfills.



Saves contractors money by minimizing purchase, hauling and disposal costs for material.

McLanahan Provides Solutions For The Following Recyclable Waste Materials:

- Construction and demolition waste
- Excavation waste
- Non-hazardous soils
- Road sweepings
- Hydrovac waste

DRY PROCESSING

Dry processing includes the crushing and screening of the original material to transform it into a usable and resalable product or to prepare it for further processing in a wash system.



Feeding

McLanahan feeders control the rate at which solids flow from a bin or hopper to primary equipment in the processing plant. Feeders have the capability of removing oversized material while feeding downstream processes.



Crushing

McLanahan crushing equipment accepts large feed lumps of material and reduces them to the desired product size. Our crushers achieve the desired product size and shape at maximum volume and optimum energy consumption, with the lowest wear on the machine.



Screening

Screening determines the quality of your products by sorting them according to their size. McLanahan screening and sizing equipment offers solutions for both wet and dry applications to fit the needs of many industries.



Sampling

McLanahan sampling systems precisely and accurately collect samples for analysis in order to help producers maintain strict quality standards. McLanahan sampling systems offer improved safety and reduced downtime compared to manual sampling methods.

WET PROCESSING

McLanahan offers an extensive list of washing and scrubbing solutions as well as provides water recycling and tailings management equipment to limit fresh water requirements and create an easy-to-manage solids product.



Scrubbing

Scrubbing is necessary to liberate deleterious material from desirable aggregate for use in construction projects. McLanahan's heavy-duty scrubbing solutions remove this unwanted material to increase the value of final products.



Washing, Dewatering & Classifying

McLanahan's washing and classifying equipment removes excess water and deleterious material from potentially recyclable aggregate, allowing it to be reused in construction projects.



Water Recycling

McLanahan provides a range of solutions to reclaim as much water from tailings as possible for reuse. Recycling process water improves site sustainability and is beneficial in areas where water is scarce or expensive.



Tailings Management

McLanahan's tailings management solutions dewater thickened solids resulting in a drip-free material that can be easily transported with mechanical handling equipment and potentially sold or used for land rehabilitation. These solutions not only make the waste material easier to handle, but also eliminate the need for settling ponds.

MCLANAHAN'S LIFETIME SUPPORT & SERVICE

Process & Design Engineering

McLanahan's support starts before your project even begins. We analyze your material in our [state-of-the-art in-house laboratory](#) to design the best possible [process engineered](#) solution for your site. McLanahan's dedication to this step of the process sets us apart from other manufacturers, as our solutions are tailored to your site's needs, not ours.

Project Management

Every order placed with McLanahan is assigned its own [project manager](#) who oversees the order through build, delivery and commissioning. Our project managers also serve as your point of contact, providing a direct connection to the project as it unfolds as well as a resource for any questions you may have.

Education & Consultations

Educating your operators is one of the most important parts of the commissioning process. McLanahan offers all the resources needed to educate your operators on equipment operation, maintenance, proper function and more, as well as consultations and plant audits - all to [ensure your productivity and profitability](#).

Parts & Customer Service

McLanahan's customer service agents provide [24/7 after-sales support](#) for the lifetime of your equipment. With readily available parts in stock and a team of [field service technicians](#) at the ready, McLanahan's goal is to ensure your optimum operation with minimal downtime.

MCLANAHAN C&D RECYCLING RESOURCES

With decades of process knowledge as a global manufacturer of industry-leading aggregate equipment, McLanahan supports the C&D recycling industry with field-proven solutions. McLanahan is dedicated to providing the best possible solution for our customers through continued innovation and design. McLanahan's support starts during the selection process and continues through the life of the equipment. Below are a few key resources on McLanahan's C&D recycling solutions.



Webinars

- [Sustainable, Reliable & Profitable: Ultra Range For Your C&D Recycling Needs](#)
- [How Recycled/Secondary Aggregates Are Changing The Quarrying Industry](#)



Case Studies

- [McLanahan Scrubbing System Helps Recycle C&D Waste For Reuse](#)
- [Portable Universal Jaw Crusher Recycles Concrete At Illinois C&D Operation](#)



Blogs

- [Overcoming Challenges With C&D Recycling: Strategies And Solutions](#)
- [How C&D Recycling Contributes To Sustainable Construction Practices](#)



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