



McLanahan DDC-Sizers provide primary, secondary and tertiary reduction of friable materials. They are frequently used in applications that include coal, salt, gypsum, phosphate, limestone, bauxite, petroleum coke, lignite, trona, oil sands, clay, shale and more.

Designed with a direct drive arrangement, DDC-Sizers are low-profile machines to minimize capital installation costs. They incorporate two rolls with teeth that rotate either toward or away from each other at lower speeds in order to minimize fines generation and overall plant operating costs. McLanahan offers many different roll designs, tooth configurations and material selections that are engineered to maximize a sizer's efficiency and wear life and to minimize the cost of ownership.

## SAFER

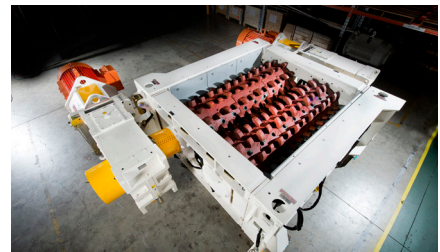
DDC-Sizers have a fully enclosed direct drive configuration with low profile design that can be mounted on rails and rolled out from under a hopper or feed chute for easier, safer access during maintenance or to remove uncrushable tramp material. This allows operators complete access without having to crawl into feed chutes, work in confined spaces or having to work at elevated heights.

## SIMPLER

McLanahan wants to ensure that maintenance is easy and quick. Our design approach for modularity and commonality of parts means that wear components are fully interchangeable throughout the machine. Parts and assemblies that do not require routine maintenance have been designed so that they can be replaced in the least amount of time using standard tools without the need to disassemble the entire machine. We also offer off-the-shelf gearboxes that are directly available from the gearbox manufacturer.

## SMARTER

McLanahan DDC-Sizers offer producers the ability to adjust roll settings in order to compensate for wear or to change product size requirements. Inward rotating sizers, such as the primary and secondary sizers, feature hydraulic product size adjustment, while outward rotating tertiary sizers are equipped with adjustable sizing combs. DDC-Sizers run with low roll speeds to ensure minimum fines and dust generation by allowing undersized feed to pass through the machine without being crushed thereby preventing further inter-particle crushing, resulting in much lower overall plant operating cost for downstream processing equipment.



*Producers can adjust roll settings to compensate for wear or to change product size requirements.*



*DDC-Sizers can be installed on rails for easy, safe access.*



*A variety of roll designs and tooth configurations are available based on a customer's application needs.*

# DDC-Sizers

The following charts provide information on the most common sizes of DDC-Sizers. McLanahan custom engineers and manufactures sizers in many other diameters and lengths to accommodate the most demanding applications. For more information on sizing and selection, please contact McLanahan directly. Capacities are based upon average friable material (50 lbs/ft<sup>3</sup>) and may vary depending upon application details.

PRIMARY AND SECONDARY SIZING CAPACITIES IN STANDARD TONS PER HOUR					
Machine Size	Product Size				
	4"	5"	6"	8"	10"
20 x 48	795	992	1190	1587	1984
20 x 72	1192	1488	1785	2380	2976
20 x 96	1590	1984	2380	3174	3968

TERTIARY SIZING CAPACITIES IN STANDARD TONS PER HOUR		
Machine Size	Product Size	
	2"	3"
24 x 48	440	660
24 x 72	660	992
24 x 96	880	1322