

500,000 / 1,000,000

TONNES / YEAR

LONGWOOD

SIZER QUARRY

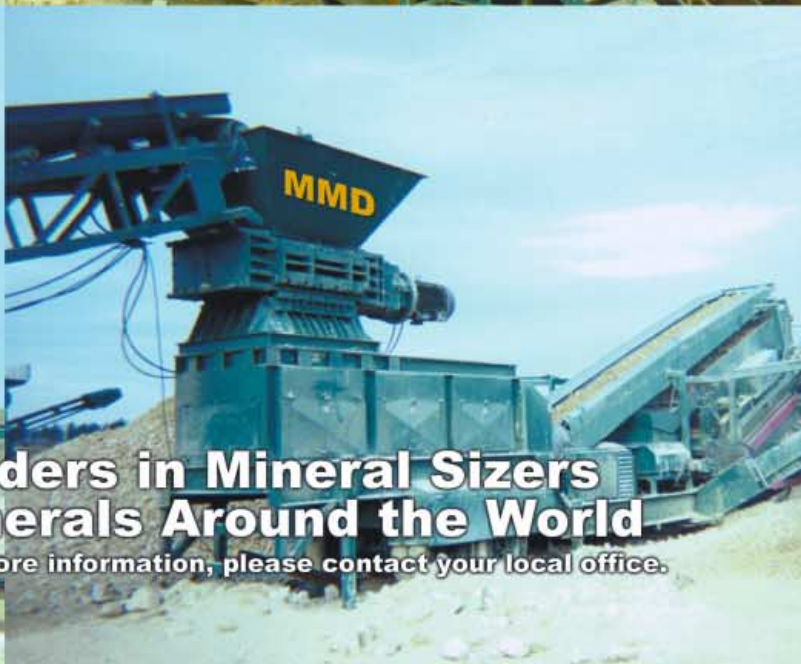
SUCCESS



SHOVEL
LOADING



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MMD

World Leaders in Mineral Sizers Sizing Minerals Around the World

MMD have offices throughout the world. For more information, please contact your local office.

NO TRUCKS; Equipment at face **SIZERS;** Loaded directly by shovel
PRODUCT; Stockpiles at face. Road borne vehicles loaded by same shovel.



**MMD 750 Series
3 Tooth Sizer.**



MMD 3 Tooth rotors



**MMD 500 Series
6 tooth Sizer.**

Longwood Quarry, situated on the Oolitic Limestone band south of Lincoln, have been using MMD Twin Shaft Sizers since 1984. The MMD 3 tooth primary's ability to handle large lumps eliminated the need for blasting. Feeding from the quarry face at high tonnage directly into the sizer is possible because no pre-screening is required. The 6 tooth secondary can also process the output from the primary directly, but at a lower tonnage. A control feeder is used to regulate the tonnage passing through the rest of the system.

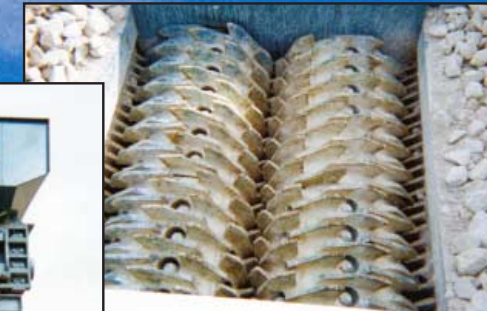
ALL EQUIPMENT MOBILE; For same day face move-up **OR**
Move to new quarry closest to demand; **Minimises road transport costs.**



MMD 6 tooth rotors.



MMD 500 Series 14 tooth Sizer.



MMD 14 tooth segment

The latest project was carried out to achieve the following Objectives :-
To allow the sizers to handle the harder stone which Longwood wish to exploit in the future more efficiently.
To reduce the number of plant items which have to be relocated and the time required for any move.
To increase the hourly throughput of the system without increasing the fixed operating costs.



Problem and Solution

By taking advantage of the MMD Sizer's ability :-

- | | |
|----------------------------|---|
| 1) Elimination of blasting | 6) Tonnage increased |
| 2) To handle large lumps | 7) Manpower reduced |
| 3) High capacity | 8) Minimum fines |
| 4) Accuracy of Sizing | 9) Compact size, forces contained within sizer frame, allows direct mounting over screen. |
| 5) Relocation time minimal | |

High capacity with wide product range ensures your customers rush orders can be accepted

**THREE MEN PRODUCE OVER 500,000
Tonnes per year. Why not contact MMD
Sizing Minerals Around the World**

MMD World Leaders in Mineral Sizers





This three man Quarry produces in excess of 500,000 Tonnes per year, with double production capacity.

(C) 1999

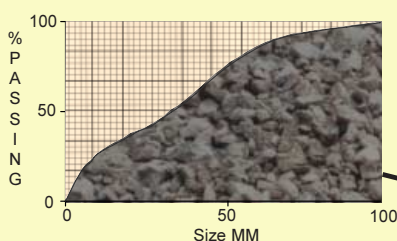
The MMD Group of Companies

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MMD Secondary Sizer

MMD 500 Series Twin Shaft Sizer

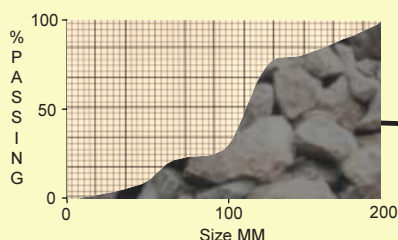
6 tooth rotors, 8 rings per shaft



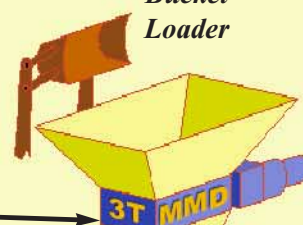
MMD Primary Sizer

MMD 750 Series Twin Shaft Sizer

3 tooth rotors, 7 rings per shaft

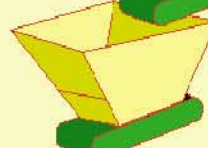


Bucket Loader



Product 1

Surge Feeder



Product 2



Product 3



Product 5



Product 6

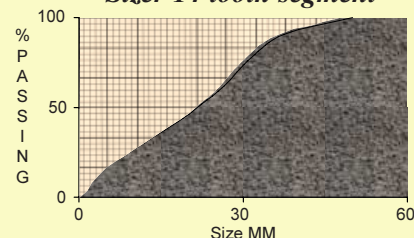
Product 7

Product 4

MMD Tertiary Sizer

MMD 500 Series Twin Shaft Sizer

14 tooth segment



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