MOTION METRICS

TruckMetrics™

Assess load characteristics
and divert boulders away from the crusher.

TruckMetrics is a complete haul truck monitoring solution that provides boulder detection, particle size analysis, load profiling, and volume sensing without interrupting production. Equipped with an automated lens cleaning system, TruckMetrics uses artificial intelligence and a 3D (stereo) camera mounted on a gantry above the haul road to provide real-time video analysis.

A single solution to **monitor the material** that is hauled to your processing plant.

Features

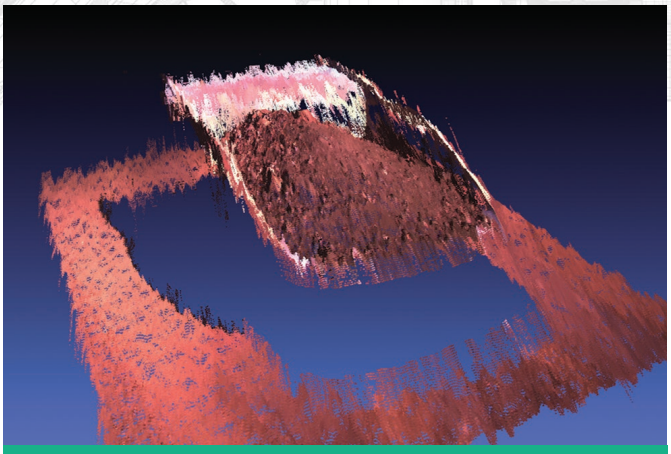
Boulder Detection
Minimize crusher downtime and reduce rockbreaker usage by diverting oversized material.

Particle Size Analysis
Evaluate blast performance by analyzing the particle size distribution of every truckload.

Load Profiling
Prevent uneven truck wear with accurate load profiling.

Volume Sensing
Optimize production by measuring the volume of each haul truck load.

Boulder Detection


3D Imaging

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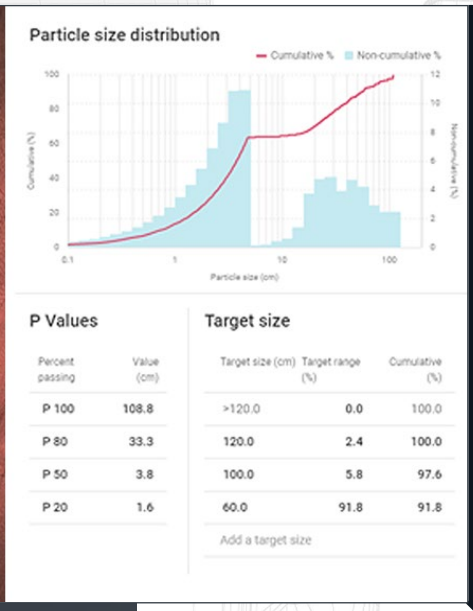
With TruckMetrics, mines can monitor the particle size distribution of each truck load on its way to the crusher and divert any oversized material. Load profiling and volume sensing provide insight into operator performance that will help mines optimize production and reduce equipment wear.



P Values

Percent passing	Value (cm)
P 100	108.8
P 80	33.3
P 50	3.8
P 20	1.6

Target size

Target size (cm)	Target range (%)	Cumulative (%)
>120.0	0.0	100.0
120.0	2.4	100.0
100.0	5.8	97.6
60.0	91.8	91.8

Add a target size

MetricsManager™ Pro

Rugged, Self-Cleaning 3D Camera

04:37am, April 15, 2020 | SMS ALERT

Incident Report:

Boulder detected on Truck 022, Avoid crusher. Reroute to stockpile.

MetricsManager™ Pro

Like all Motion Metrics products, TruckMetrics interfaces with our centralized data analysis platform, MetricsManager Pro. Users with authorized credentials can receive SMS and email boulder notifications, monitor truck volume for insight into shovel operator performance, and access particle size data from anywhere. Motion Metrics recognizes the importance of interoperability and will work with other vendors to ensure our solutions interface with your existing software.