



ROCKLABS

World Leaders in Sample Preparation Equipment
and Reference Materials

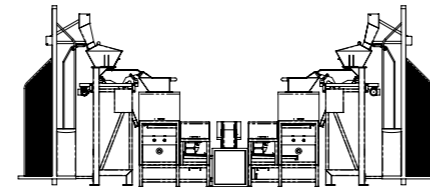
Porgera
Mechanised System.

Porgera Mechanised System

Porgera gold mine, Papua New Guinea.

Introduction

The Porgera Mechanised System is designed to increase the sample throughput rate by first screening the raw material with the shaker screen. The System was built with two independent modules in mirror image to handle large number of samples. The fine fraction is removed by screening, then remixed with the crushed coarse fraction reducing the load on the crusher, and providing faster crushing.



The main features, at a glance.

- Special self cleaning screen removing fine fraction, reducing the load on the crusher, providing faster crushing.
- The two sides of the system are identical. The samples are collected in sample bins and both modules share a waste conveyor located in the center of the System.
- The system is also designed to minimise fine dust escaping in the air. There are 10 suction points in total (5 on each side of the System) which are allocated to areas where dust is created during the sample processing.
- The system has a simple sample loading unit on each side which allows the operator to load the samples with ease, into the hopper.
- Safety is incorporated in the sample lifting unit where the button must be held down the entire time during loading or unloading. Having this feature ensures that the Operator is outside the barricade, eliminating possible injury caused by the sample bin.



System Specifications

Porgera.

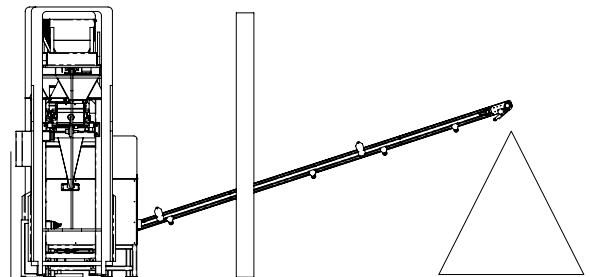
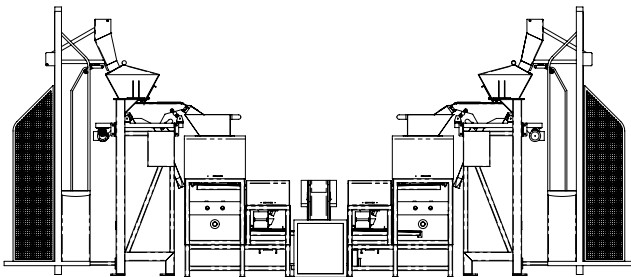
Specifications

Maximum input weight	Up to 30kg
Production rate	Up to 400kg per hour

Production details	
Maximum input lump size	Up to 55mm
Crushed product size	3mm
Split	Set at 5% but can be up to 25%

System Dimensions

Length	6930mm
Height	3070mm
Width	1000mm



*For more information please contact us on the details below or visit the website for a list of international agents.

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