

# System Specifications

Timan Bauxite.

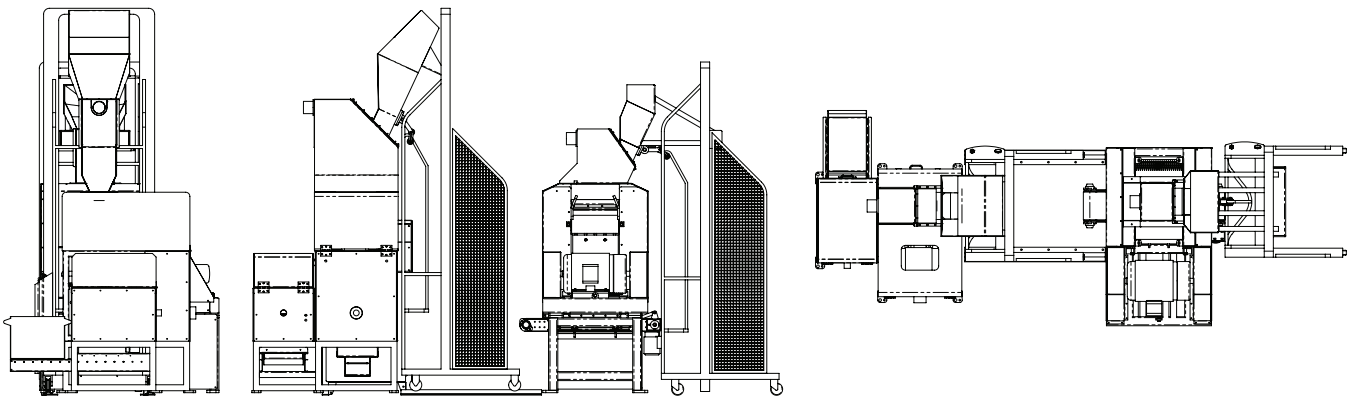
## Specifications

Maximum input weight	Up to 50kg
Production rate	Up to 300kg per hour

Production details	
Primary crusher maximum input lump size	Up to 150mm
Primary crushed lump size	10mm
Secondary crushed product size	3mm
Split	1500g from 50kg; approx. 3% split

## System Dimensions

Length	4400mm
Height	3200mm
Width	1800mm



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

**ROCKLABS Ltd.**  
P.O Box 18-142, Glen Innes 1743,  
Auckland, New Zealand.

**P** 64 9 634 7696  
**F** 64 9 634 6896  
**E** [sales@rocklabs.com](mailto:sales@rocklabs.com)  
[www.rocklabs.com](http://www.rocklabs.com)



World Leaders in Sample Preparation Equipment  
and Reference Materials

Timan Bauxite  
Mechanised System.



# Timan Bauxite Mechanised System

Timan Bauxite Mine (RUSAL), Russia.

## Introduction

The Timan Mechanised System is designed to have two crushing stages with a sample divider at the end. This system is used to crush soft to hard bauxites and conglomerates samples. It can process a 50kg sample in 10minutes.



## The main features, at a glance

- The sample loading devices are designed to handle heavy samples.
- Big Boyd Crusher at the front end to crush the sample to 10mm before entering the secondary crusher
- Conveyor belt system to transfer sample into the second lifter
- Combining crushing and splitting in a single process with Boyd Crusher and RSD (Rotary Sample Divider). The sample is collected in a sample bin and the waste in a larger sample container

