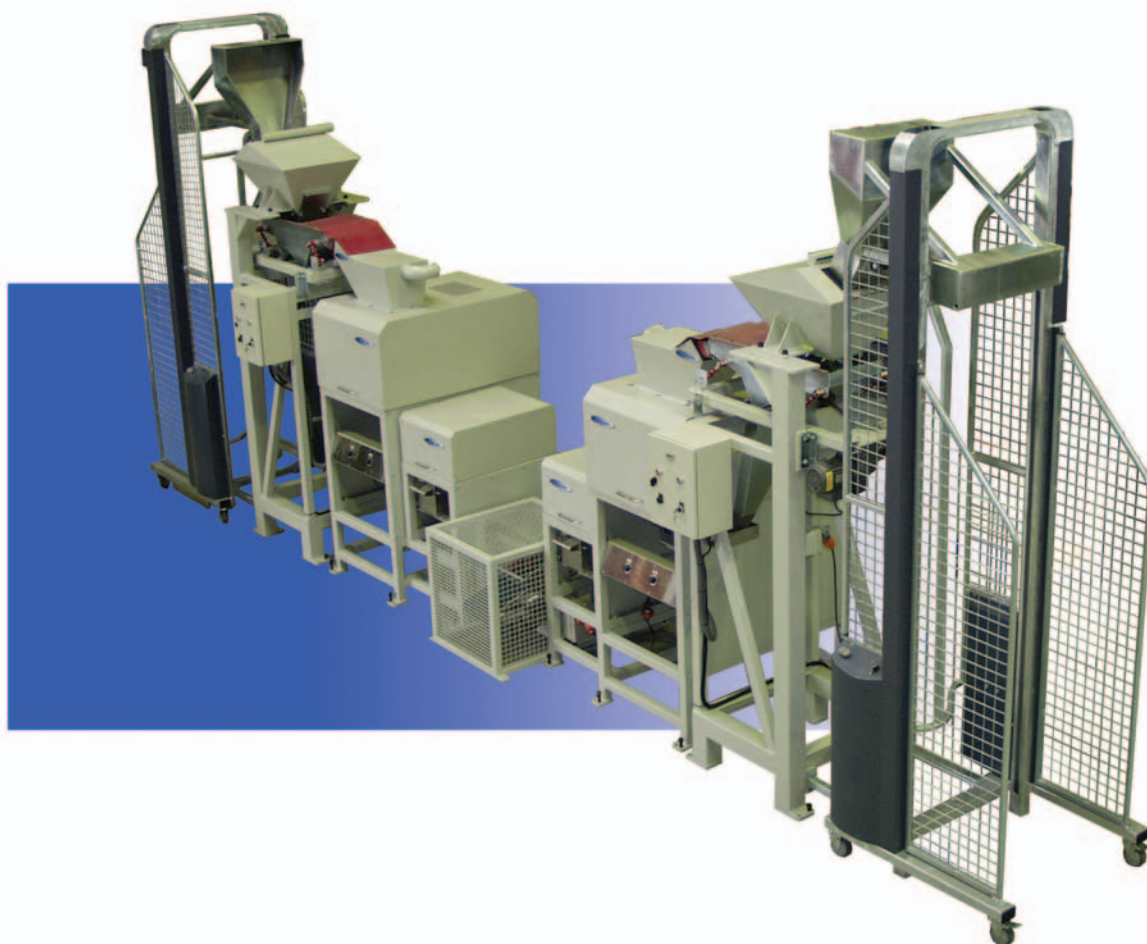




# PORGERA MECHANISED SAMPLE PREPARATION SYSTEM

The Porgera Mechanised System is designed to increase the sample throughput rate for large blast hole samples by first screening the dried sample. The fine fraction is removed, reducing the load on the crusher, therefore providing faster crushing.

Both the screened material and crushed material arrive at the vibratory feeder and are split with the ROCKLABS Rotating Sample Divider. Samples are collected and the waste is transferred outside the building via a conveyor.



The Porgera Mechanised System is designed to minimise fine dust escaping in the air. There are 10 suction points in total (5 on each side of the System).

The Porgera Mechanised System has two units, as mirror images above the central waste conveyor, to accommodate each day's production. There is a simple sample loading unit on each side which allows the Operator to load the sample up into the hopper.