

## DEVELOPING COMMUNITIES



Large-scale mining is a large employer and powerful economic driver. Many gold deposits can only be profitably worked large-scale. There is however a paradox associated with large-scale mining in that whilst it generates national wealth, it often fails to provide relief from poverty for the residents of the host region.

Small-scale mining on the other hand requires little capital investment and places tangible wealth directly into the hands of the operator. In some countries up to 80% of all gold produced comes from small-scale mining operations.

Governments and agencies are looking to encourage small-scale mining as a means of poverty relief and latterly as the primary driver in developing community wealth, business and infrastructure.

Furthermore new technologies are required to increase efficiencies and eliminate the use of mercury which contaminates the ecosystem and impacts upon the health of small-scale miners.

The Ecologics high capacity step action pump and concentrator have been purpose developed for small-scale mining applications and represents our commitment to develop efficient, reliable and safe equipment to those people whom most require it.



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**ecologics presents**



# HIGH CAPACITY STEP ACTION PUMP AND CONCENTRATOR



**engineering solutions  
with a social conscience**

**[www.ecologics.co.nz](http://www.ecologics.co.nz)**





CONCENTRATOR

Ecologics gravity concentrator and step action pump represent a technology development uniquely appropriate to small scale mining. Elevating production rates and maximising efficiencies the gravity concentrator also eliminates any need for the use of mercury.

- Simple setup and operation
- Fully self contained
- Zero operating cost
- Fully portable with optional carry straps (12kg)
- Rugged zinc coated pressed steel construction
- Move water to the processing area
- High processing rates
- Excellent recovery percentages
- Recycle silt laden water where supplies are limited

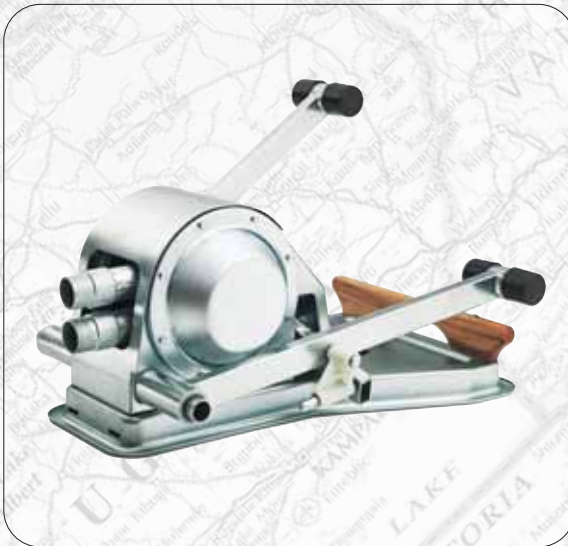
International Patents Pending

- Designed for gold recovery, the Ecologics gravity concentrator will recover any mineral having reasonable specific gravity margin from the host material.

- Process free alluvial, heavy clay and fibrous materials without adjustment to the equipment.

- Process up to 2 cubic meters per hour of fine alluvial materials.

- Eliminates the need for mercury in gold recovery.



STEP ACTION PUMP

