



BOYD CRUSHER

UNIQUE DESIGN CONCEPT

The ROCKLABS Boyd Crusher is the worlds first double acting, fine jaw crusher. Its patented design includes two moving jaws. One jaw is top driven, one jaw is bottom driven to crush many times before the material falls from the bottom of the jaws.

FINE CRUSHING

The ROCKLABS Boyd Crusher is believed to be the only jaw crusher in the world with a 25 times size reduction in one pass. Up to 50 mm pieces can be crushed to 2 mm or less in one operation.

FEATURES

- Jaws hold up to 5 kg of sample as one load
- Jaws can be turned top to bottom for double life
- Flat 300 mm wide jaws for ease of cleaning
- Jaws rest on steel rollers which are moved horizontally for adjustment.
- Quick jaw adjustment
- Hinged one piece cover opens easily for cleaning
- Safety switch, stops motor as soon as cover is opened
- Sample collector can be altered to customers specification
- Air ducting, built into cabinet



Width 680 mm
Length 1160 mm
Height 1240 mm
Weight 560 kg

ADVANTAGES OF FINE CRUSHING

Using a ROCKLABS Boyd Crusher can eliminate secondary crushing, e.g using a rolls crusher - and reduce the floor space needed for equipment. There is an immediate saving in labour costs as there is only one machine to load, empty and clean. On this basis the ROCKLABS Boyd Crusher could pay for itself in one year through labour cost savings. Significant savings on pulverising costs can also be made through the correct use of a ROCKLABS Boyd Crusher.

- Facts:
- If a sample is crushed finer, a smaller split can normally be pulverised, saving time on every sample.
 - If the same size split is taken for pulverising, a better quality sample will be produced.

The ROCKLABS Boyd Crusher is being used in many countries (customer lists available on request). Many orders were based on trial crushing of a test sample. Contact ROCKLABS for more details

WEAR PLATES

Wear plates are cast from high chrome iron that is very resistant to abrasion. In many laboratories, one set of plates will last for more than one year. Jaws can be turned top to bottom for double life.

WARRANTY

Twelve months warranty is provided for all workmanship. Jaw wear plates are not guaranteed for any specific length of time, as their life depends on their use.

Patents — Australia 642557
New Zealand 236263
USA 5,630,555
Canada 2,056,603
Germany P4139093.8-23