



CRUSHER RANGE



When results  
matter.

[rocklabs.com](https://rocklabs.com)

# Better crushing, better mining.

Your success is based on the decisions you make, and those decisions are based on the results you get. So we take our role in getting you accurate results and consistent representative sampling seriously. Our crushers are renowned for their high performance and reliability and with a range of options to suit various sample sizes and processes, a Rocklabs crusher fits perfectly into your mining sample system.

And with exceptionally accurate certified reference materials, you'll always get the best results from your Rocklabs equipment.

## Powered by Scott

As a part of international technology and automation company, Scott, we have access to a worldwide support network for all your servicing and maintenance needs.

# We've been crushing it for over 30 years

The Rocklabs Boyd crusher was the world's first double acting jaw crusher, and it revolutionized the sample preparation industry. The Boyd remains the crusher of choice for countless laboratories globally, renowned for its high performance, ease of maintenance and operational reliability.

And we've continued to innovate specialized solutions within the range to tackle any crushing job, big or small. Characterized by ease of maintenance and cleaning and equipped with stringent safety mechanisms, Boyd crushers simplify the crushing process, reducing the time and costs associated with excess maintenance and repairs.

Each Boyd is designed to function as a standalone machine or in combination with an existing system and fits perfectly with the Rocklabs Rotating Sample Divider (RSD) or Linear Sample Divider (LSD).

PRIMARY CRUSHING

The first step in sample preparation

Process large samples up to 20kg with the reliable Big Boyd, Rocklabs’ largest capacity crusher.

THE BIG BOYD

The Big Boyd crusher accepts samples up to 150mm, reducing to 10mm or less in a single pass with the jaws able to hold up to a 20kg sample. The Big Boyd has quick jaw adjustment with horizontal steel rollers and is ideal for inclusion into an automated system.

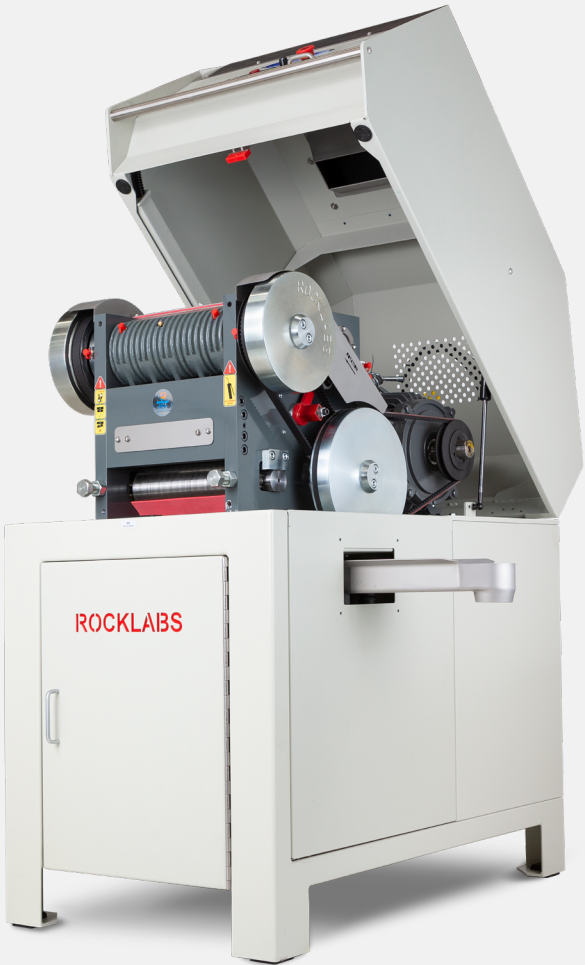
Options available:

- with front loader
- with dump master lifter
- with rotating sample divider



SECONDARY/FINE CRUSHING

The finishing crush in sample preparation

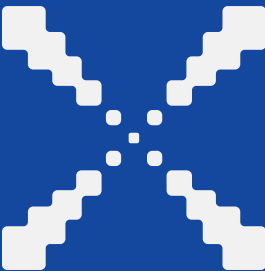


MID BOYD

- Processes samples with particle size from 100mm down to 2mm
- Accepts direct feed of full drill core, including PQ, HQ, NQ, and BQ sizes
- Reduces to 2mm in a single pass
- Jaws able to hold up to a 5kg sample
- Improved dust and chip control

BOYD ELITE

- Processes samples with particle size from 70mm down to 2mm
- Greater adjustment range on jaw gap, down to 2mm
- Lower running temperatures
- Increased shaft and bearing diameters for improved reliability
- Improved safety and ergonomics



BOYD RANGE COMPARISON

	Boyd Elite	Mid Boyd	Big Boyd
Input Size	70mm	100mm	150mm
Output	2mm	2mm	10mm
Jaw Width	300mm	300mm	400mm
Capacity	5/20kg*	5/20kg*	20kg

Options available:

1. Standard
2. Boyd-RSD
3. Smart Boyd-RSD
4. Smart Boyd-LSD



## Fine laboratory crushing

### HYDRAULIC CRUSHER

The Rocklabs Hydraulic Crusher is a tungsten carbide rock splitter and crusher designed to prepare trace metal samples prior to pulverizing in a Rocklabs Ring Mill or similar piece of equipment.

- easy to use and cost-efficient to operate
- efficient, low-contamination processing
- accepts samples up to 150mm diameter
- crushes down to 5mm or less
- safe, enclosed design also minimizes airborne contamination
- simplified servicing



### CERTIFIED REFERENCE MATERIALS

#### The standard in certified reference materials

Certified reference materials (CRMs) are a crucial part of the sampling process and ours are some of the most accurate and reliable available.

Each sample is put through international proficiency testing with the final values being evaluated and assigned by an independent statistician, making them ideal for ensuring quality and accuracy across your sample preparation equipment.

Available in gold, silver, platinum, and palladium.



### World-class warranty, worldwide support

Rocklabs equipment is designed for trouble-free operation and minimal maintenance, but if anything does come up, it's backed by extensive warranty and worldwide support.

The Boyd Mid and Boyd Elite crushers both come with a 3000-hour or 18-month warranty (whichever comes first).

The Big Boyd comes with a 2000-hour or 12-month warranty (whichever comes first).

As part of international technology and automation company, Scott, you'll have access to parts and servicing wherever you are.

### Maximise your mine's potential with Rocklabs

Every piece of Rocklabs equipment is made to the highest specifications by industry experts. We design our crushers, splitters, pulverizers, dividers and more to reliably produce accurate results, improve site safety, and make your mining decisions clearer.

Explore the full range of Rocklabs sample preparation equipment at [rocklabs.com](https://rocklabs.com)





