

# Boyd Crusher RSD Combo



BOYD-RSD | Double acting fine jaw crusher  
with rotating sample divider

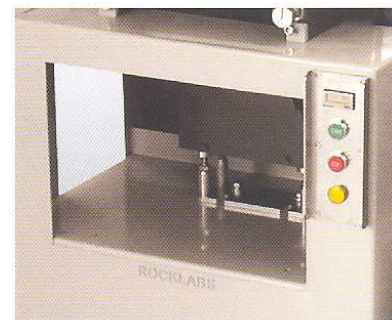


## The process.

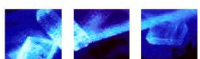
The Boyd Crusher and Rotating Sample Divider (RSD) have been designed to be used together for a one step crushing and splitting process. The sample is loaded into the Boyd Crusher then in one operation, it is crushed, conveyed to the RSD (bottom image) and then split into preset proportions of your choice.

## The main features.

- Jaws hold 5kg of sample as one load
- Jaws can be rotated top to bottom for longer life
- Quick jaw adjustment with horizontal steel rollers
- Two split options available
- Easy adjustment of the variable split
- Crushing and splitting in one step



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## Specifications

	<b>Boyd Crusher</b>	<b>Rotating Sample Divider (RSD)</b>
<b>Motor power</b>	5.5kW, 3 phase	0.18kW, 3 phase
<b>Maximum input lump size</b>	50mm	10mm
<b>Product size</b>	-2mm (+80%)	NA
<b>Width x Height x Depth</b>	694 x 1326 x 1070mm	500 x 739 x 741mm
<b>Weight</b>	610kg	95kg
<b>Jaw width</b>	300mm	NA
<b>Dust extraction</b>	2 extraction ports available	1 extraction port available
<b>Options</b>	Raiser Platform, Sample Lifting Arm	Sample bins: Option 1 – Single split + Remainder Option 2 – Duplicate Split + Remainder *Bypass bin available for Option 2
<b>Warranty</b>	Rocklabs Boyd-RSD Combo is sold with a 2000 operating hours or one year warranty (whichever comes first), covering all parts excluding wear parts) and labour if used under normal laboratory conditions.	
<b>Patents</b>	Patents AUS 642557, NZ 236263, USA 5,603,555, CAN 2,056,603, GER P4139093.8-23	

## Wear plates

<b>High chrome iron</b>	The wear plates are very resistant to abrasion. In many laboratories one set of plates will last for more than 1 year. Jaws can be turned top to bottom to extend the life
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## Dividing

<b>Method</b>	<b>Standard deviation of samples %</b>
Cone and quartering	6.810
Scoop sampling	5.140
Riffle splitting	1.010
Table sampling	2.090
<b>Rotating splitting</b>	<b>0.125</b>
Random variation	0.076

## Shipping Dimensions

Width x Height x Depth	920 x 1540 x 1940mm
Weight	840kg

