



MADE IN AUSTRALIA





Our Company

Orbis is a supplier of the highest quality sample preparation equipment, consumables and spare parts for the mining and commercial laboratory industry globally. All of the Orbis range of crushers and pulverisers are **Australian Designed and Manufactured** ensuring the highest possible quality.

Orbis has an experienced team of Chemists, Engineers and Designers at its disposal who have first hand laboratory experience. This experience and expertise gives Orbis a unique understanding of the requirements and protocols of sample preparation procedures within mining and research laboratories.

Orbis is more than just another engineering company, we actually understand what you need and will work with you to provide you with the best solution for your individual situation.

Orbis are also able to provide installation and maintenance services for your laboratory with our experienced technicians able to install and service all types of laboratory preparation equipment from crushers and pulverisers through to all types of sample preparation equipment.

If you would like to know more about Orbis and the services that we provide or you simply have a question please contact via email at sales@orbismining.com



Pulveriser Bowls

Carbon Steel

Model No	Capacity cc	Elements	Rec Sample Weight
OM2000	2000	Disc	400g - 1500g
OM1000	1000	Disc	200g - 800g
OM800	800	Disc	100g - 700g
OM400	400	Ring and Puck	20g - 350g
OM300	300	Ring, Ring, Puck	20g - 250g
OM125	125	Ring and Puck	20g -100g

Chrome Steel

Model No	Capacity cc	Elements	Rec Sample Weight
OM2000	2000	Disc	400g - 1500g
OM1000	1000	Disc	200g - 800g
OM800	800	Disc	100g - 700g
OM400	400	Ring and Puck	20g - 350g
OM300	300	Ring, Ring, Puck	20g - 250g
OM125	125	Ring and Puck	20g -100g

Tungsten Carbide

Model No	Capacity cc	Elements	Rec Sample Weight
OM300	300	Ring, Ring, Puck	20g - 250g
OM125	125	Ring and Puck	20g -100g

Introducing the Orbis range of high quality pulveriser bowls designed to meet all of your laboratory pulverisation needs.

Orbis pulveriser bowls have been the subject of a rigorous testing procedure that ensures they are of the highest quality.

All bowls come with a certification certificate showing the chemical composition of the steel.



Orbis Pulveriser bowls come in a range of compositions that include Carbon Steel, Chrome Steel and Tungsten Carbide.

Orbis has an extensive range of bowl sizes starting from as small as 125cc through to the 2000cc bowl allowing samples from as small as 20g and as large as 1500g to be processed.

Orbis bowls are suitable to almost any pulveriser with a range of adaptor plates available.



OM222 Pulveriser

The Orbis 222 is a shaft driven pulveriser designed to process samples from as small as 200g to as large as 1500g down to -75 micron. The Orbis 222 has a metal cabinet with a reinforced subframe, a powerful 2.2kw motor and enhanced safety features. The cabinet has removable panels on all sides to allow for superior access and ease of maintenance. The pneumatic clamping mechanism is available in a goose neck or bridge style to suit your individual needs.



Main Features:

- Shaft driven for increased motor life
- Hard wearing metal cabinet
- Superior access for maintenance
- Lid controlled by gas struts for ease of lifting
- Pneumatic safety locking mechanism
- Range of bowls: 250g - 1500g





OM222 Pulveriser

Specifications:

Motor power: 2.2kW, three phase

Input lump size: 10mm maximum

Product size:- 75 μ m

Width x Height x Depth: 1000 x 1300 x 700mm

Weight: 400kg

Sample size: 200g - 1500g

Dust extraction: Single dust extraction point

Options: Bowl Lifter

Warranty:

The Orbis 222 pulveriser is sold with a 2000 operating hours or 12 month warranty (whichever comes first), covering all parts (excluding wear parts) and labour if used under normal laboratory conditions. Extended warranties of up to 5 years are available with the purchase of an Orbis Maintenance Program.

Shipping Dimensions:

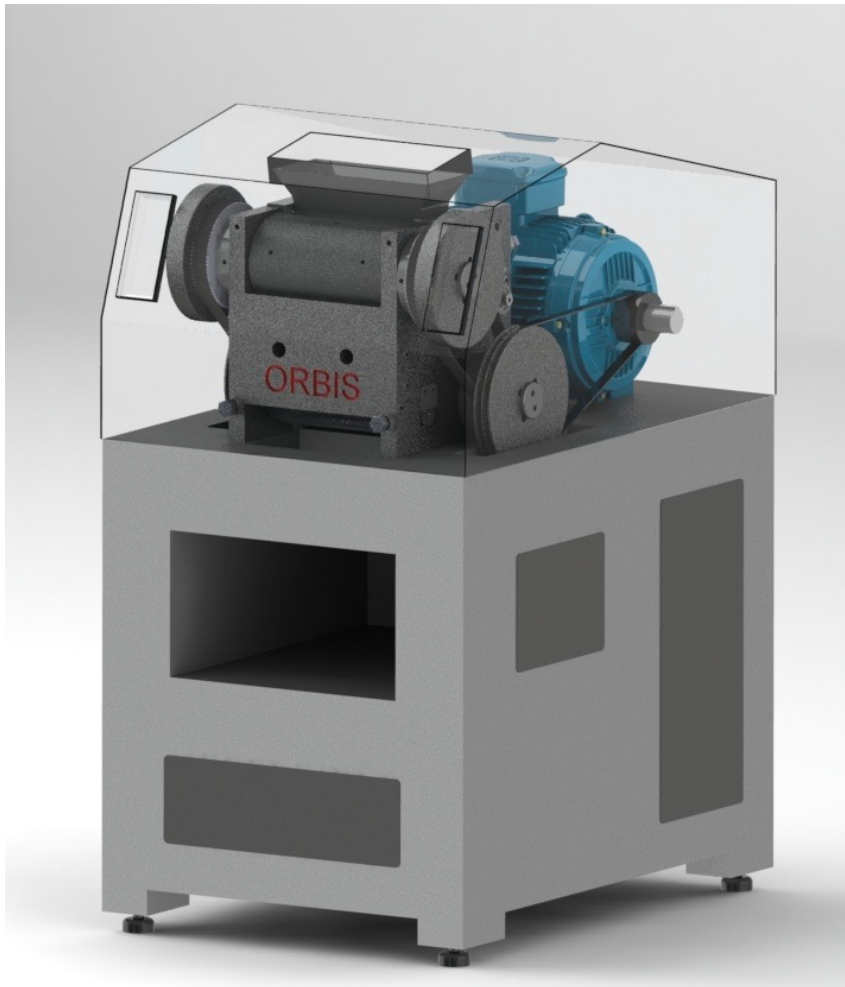
Width x Height x Depth: 1100 x 1450 x 850mm

Weight: 420kg



OM50 Crusher

The Orbis OM50 is a dual action fine jaw crusher capable of crushing samples up to 60mm in size. The crusher is capable of holding up to 7kg of sample and crush a 60mm sample to 2mm in a single pass. Using the dual action jaws, allows the crusher to reduce samples up to 30 times their original size. The OM50 is reliable and robust and is very simple to maintain. With the main crusher body easy to access, cleaning and adjusting of the crusher is simple and fast. The OM100 is available as a stand alone crusher or combined with an Rotary Sample Divider or Linear Sample Divider.



Main Features:

- Crusher can hold up to 7kg of sample
- 60mm sample can be crushed to 2mm in a single pass
- Jaws can be easily adjusted and can be reversed for long life
- Enhanced safety features
- Easy to clean and maintain



OM50 Crusher

Specifications:

Motor power: 5.5kW, 3 phase

Maximum input lump size: 60mm

Product size: -2mm passing up to 90% (sample size dependant)

Width x Height x Depth: 694 x 1330 x 1070mm

Weight: 520kg

Jaw width: 300mm

Dust extraction: 2 dust removal ports

Options: Mechanical Lifter, RSD and LSD

Warranty:

The Orbis OM50 Crusher is sold with a 2000 operating hours or 12 month warranty (whichever comes first), covering all parts (excluding wear parts) and labour if used under normal laboratory conditions. Extended warranties are available with the purchase of an Orbis Maintenance Program.

Shipping Dimensions:

Width x Height x Depth: 825 x 1500 x 1275mm

Weight: 750kg



OM100 Crusher

The Orbis OM100 is a dual action fine jaw crusher capable of crushing samples up to 110mm in size. The crusher is capable of holding up to 15kg of sample and crush a 100mm sample to 2mm in a single pass. Using the dual action jaws, allows the crusher to reduce samples up to 50 times their original size. The OM100 is reliable and robust and is very simple to maintain. With the main crusher body easy to access, cleaning and adjusting of the crusher is simple and fast. The OM100 is available as a stand alone crusher or combined with an Rotary Sample Divider or Linear Sample Divider.



Main Features:

- Crusher can hold up to 15kg of sample
- 110mm sample can be crushed to 2mm in a single pass
- Jaws can be easily adjusted and can be reversed for long life
- Enhanced safety features
- Easy to clean and maintain



OM100 Crusher

Specifications:

Motor power: 7.5kW, 3 phase

Maximum input lump size: 110mm

Product size: -2mm passing up to 90% (sample size dependant)

Width x Height x Depth: 694 x 1430 x 1070mm

Weight: 580kg

Jaw width: 400mm

Dust extraction: 2 dust removal ports

Options: Mechanical Lifter, RSD and LSD

Warranty:

The Orbis OM100 Crusher is sold with a 2000 operating hours or 12 month warranty (whichever comes first), covering all parts (excluding wear parts) and labour if used under normal laboratory conditions. Extended warranties of up to 5 years are available with the purchase of an Orbis Maintenance Program.

Shipping Dimensions:

Width x Height x Depth: 825 x 1500 x 1275mm

Weight: 810kg



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