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# Kimseed Multi-Thresher CW08



The KIMSEED Multi-Thresher CW08 has been designed to thresh a wide variety of seedpods from cereal grains such as Wheat, Barley, oats, rice and grasses to all legumes including lupins, chick peas, mung bean Medics, Clovers, and Acacias. The heads or seedpods are fed via a dust controlled chute into the threshing chamber. As it turns the threshed material is forced through metering screen plate. Seed is then separated from the dust and chaff particles using the revolutionary Cyclone dust extraction system

### FFEATURES:

- NO BELTS to change VARISPEED - THRESHING at the turn of a knob
- Fully inbuilt DUST CONTROL SYSTEM to allow for indoor usage
- CLEAR THRESHING CHAMBER DOOR
- 3 VARIABLE AIR valves to control a full Cleaning control.
- QUICK CLEANING, with a fast action toggle lock door on the threshing chamber.
- Variable screen placements for a variety of seeds
- 3 Inspection windows to observe the flow of seeds and trash
- SAFETY CUT OFF SWITCH WHEN OPENING CHAMBER DOOR.
- Seed cleaning times reduced
- Drop down Screen allows seed pods to be efficiently smashed open to release the seeds within, without creating a large amount of small trash.
- 10 screen sizes

Australian Native  
Seed Specialists

Seed & Revegetation  
Equipment

Engineering Design  
& Fabrication

Forestry  
Management

International Environmental  
Consultants

**Celebrating 38 years of sustainable land management**

KS 2009



## Kimseed Multi-Thresher CW08

### Kimseed Statement:

The latest Kimseed Multi-thresher CW08 is more effective and efficient than any other laboratory thresher throughout the world as a result of combining all the positive attributes of previous Kimseed and other thresher models.

Since Kimseed's conception of the thresher was introduced over 30 years ago more than 500 machines have been sold to research institutes and seed processing companies in over 50 countries worldwide.

The Kimseed Multi-thresher CW08 is the most reliable and durable laboratory seed thresher on the market due to its robust yet efficient design. The thresher is wholly manufactured in Kimseed's workshop in Perth Australia where qualified tradesman manufacture and assemble each component to stringent standards using only quality materials.

### Kimseed Multi-Thresher Key Components:

Pleated Filter

Feeding Input Chute

Filter  
Cleaning  
handle

Thresher door  
safety cut out  
switch

Dust  
bag

Threshing Chamber

Screen Opening  
Handle

Dust, light chaff &  
pods –Cyclone  
extraction system

Seed / Air  
Flap

Cyclone Discharge gate

Seed Outlet

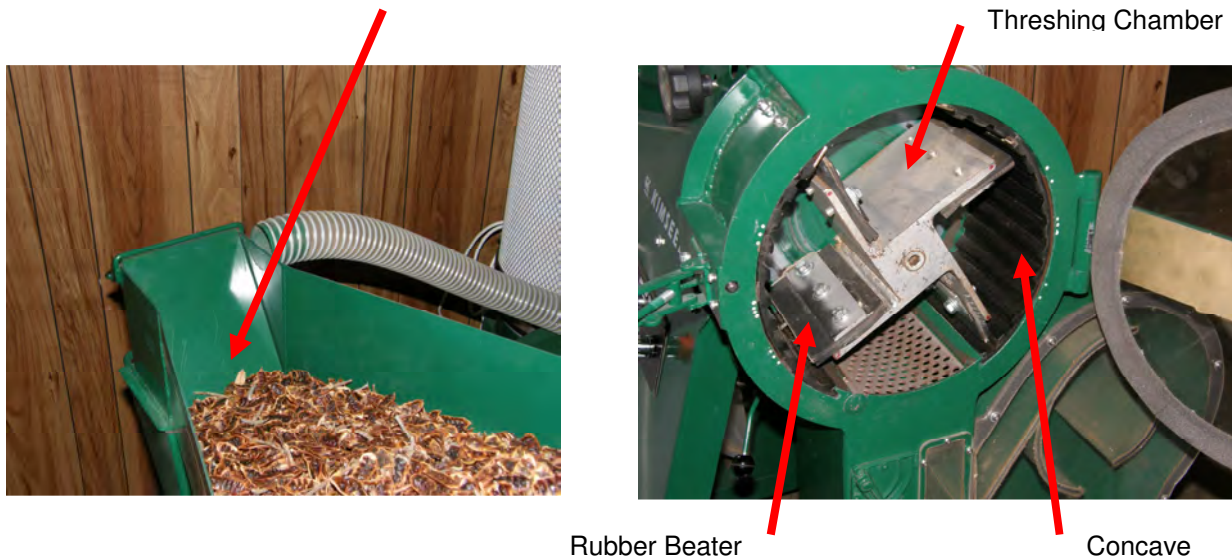




## Kimseed Multi-Thresher CW08

### Threshing Principles

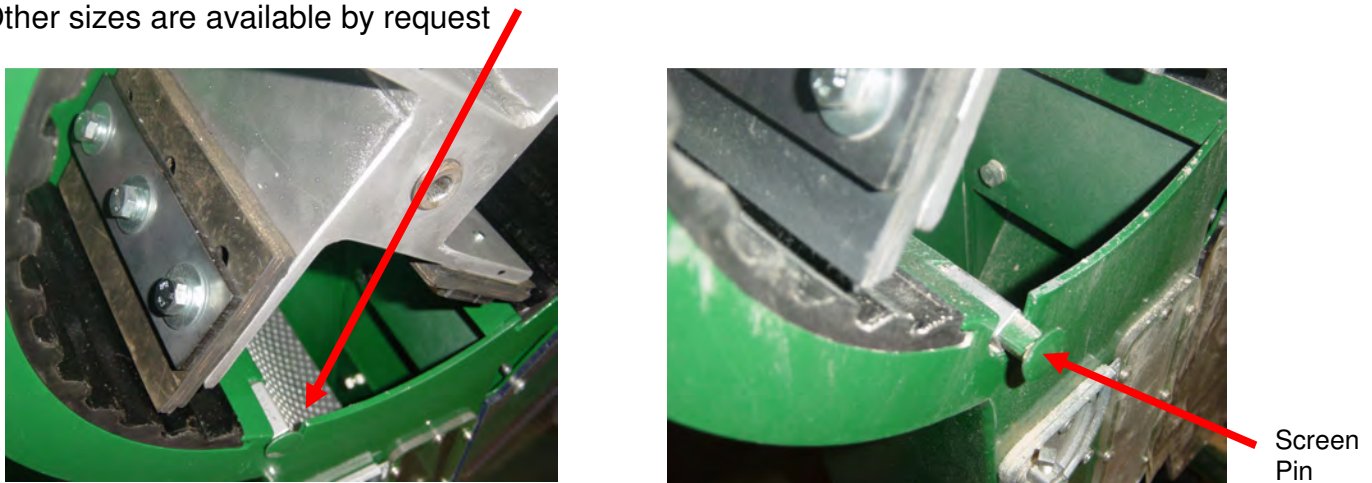
A sample of seed heads or seed pods is poured into the feed chute. Gently push the feeding flap to feed seeds onto threshing chamber where the sample is threshed. **Keep the feeding flap closed at all times.**



**Rubber beaters** thresh the heads or pods against ribbed concaves until the mixture of seeds and trash falls through the selected size metering plate. Having a Drop Down metering plate, allows the opening and dropping down of excess pods or chaff out of the threshing chamber.

**Concaves** are made from durable High Density Polyurethane and are fitted to the inside of the threshing chamber. These concaves provide an excellent textured surface for efficient threshing where seed is not damaged by hard steel edges.

**Metering plates (screens)** can be easily changed by removing the square pin. Standard metering plates are supplied with each machine. Screen sizes available are: Blank, 3, 4, 5, 6, 7, 8, 10, 12.5 and 15mm diameter holes. Other sizes are available by request



**To replace the screens**, rotate the screen down with the screen adjust handle and remove the square pin. Remove the existing screen and fit the new screen, refit the pin and rotate the screen back firmly.



# Kimseed Multi-Thresher CW08

## Processing legume seed pods



Seed feeding into thresher chamber



Seed threshing in progress  
Visual control of threshing and trash separation.



Legume pods

Seed

Trash

Cleansed Wheat

## Processing Cereal bundles



### User's Testimonials:

Department of Agriculture and Food: "I have used it for all sorts of wheat samples and the thresher has been excellent", "we are definitely interested in the latest model"

Gordon Francis, Lupin researcher UWA : "I have threshed all of my samples and have received excellent results. I am currently researching the potential to buy more machines in the future"

CSIRO plant breeder Christiane Ludwig: "We have processed all types of cereal grains including wheat, lupins and chick peas with much success"