



# RC22 Sheep Scissor

## General Description:

The RC22 is a medium duty hand tool designed for the removal of sheep and lamb heads, hocks and horns.

It is also suitable for deer and goats.

## Features:

### Compact size and lightweight

The compact size and light weight (7.56Kg) of the RC22 makes this tool fast and easy to operate.

It is well suited for modern production facilities with a high through put.

### Two handed anti tie-down control system

Safety comes first, with a tamper resistant two handed anti tie-down control circuit.

Fully compliant with the most stringent safety standards world wide.

### Double acting cylinder

The compact double acting hydraulic cylinder has a small volume, making this tool quick acting, without sacrificing power.

### Hardened stainless steel blades

Realcold blades are manufactured from knife grade 420 stainless steel, hardened and tempered to achieve maximum durability while remaining easy to sharpen and tough.

Years of development have been applied to finding the optimum cutting edge angles, and achieving just the right balance between hardness and toughness.

Our blades are CNC profile cut from multi-directionally rolled stainless steel plate, then CNC machined to shape and precision ground both sides to the final thickness.

The cutting edges are finished by hand to exacting tolerances, and polished for resistance to staining and bacterial growth.

By machining our blades from solid we eliminate casting porosity, while the grinding removes the outer layers, ensuring that each and every one of our blades is of the highest quality possible.

### Improved blade shape

The tip end of the cutting edge has been revised, allowing the improvement of the lead in ramp.

The meeting of the blade tips has improved.

The shorter lead ramp reduces the trapping of animal matter where the tool is used to cut the tail bone as well.

Hooked blades are available and have been developed for use on the neck where removal of the head in two cuts is required.

The hooked tips cut cleanly through the neck without trapping meat between the tips which can cause the blades to bend.

Long blades are available and have been developed for the cutting of beef back bones in the boning room.

The extra 50mm of reach allows the back bone to be cut in one action.

Pincer blades are available for horn removal.

These blades are investment cast and precision machined for accurate alignment and durability.

These are easily positioned over even the curliest horns, where scissor blades are often impossible to use.



## Technical Data

### RC22-1112:

Weight	7.56Kg
Blade Opening	95mm
Blade Reach	102mm
Length	454mm
Height	190mm
Width	202mm
Operating Pressure	157Bar/2200Psi
Cylinder Displacement	76.8cm <sup>3</sup>
Construction	Stainless Steel
Cutting Cycle	1.0 seconds
Triggering	Pneumatic

## Model Options

**RC22-1100 Standard Blades  
No Handles (Auto Cutters)**

**RC22-1111 Pincer Blades  
Sheep and Goat Horn**

**RC22-1112 Standard Blades  
Sheep and Lamb Necks**

**RC22-1113 Long Blades  
Beef Back Bones**

**RC22-1115 Hooked Blades  
Sheep and Lamb Necks**

European



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### Hardened stainless steel wear plates

Wear plates are machined from the same 420 stainless steel as the blades, and precision ground to thickness.

They are then hardened and tempered for durability.

The wear plates are harder than the blade, preventing galling of the bearing surfaces.

Proper blade support is maintained as our wear plates do not deform like copper or bronze.

### Split clamp type handle

The pistol grip handle wraps around the hydraulic cylinder and is split for easy fitting or removal.

It clamps securely to the tool, removing the need for mounting holes to be drilled and tapped into the cylinder.

Placement can be adjusted to suit the operator or the process.

D-Handle mounting is incorporated into the handle base.

A solid casting is used to maximize strength.

### Loop type hanger ring

The fixed loop hanger ring is mounted securely to the handle.

It can rotate freely through the suspension hook without any binding, allowing the tool to manoeuvre easily to meet oddly presented hocks.

### Simple construction

The RC22 was designed from the outset to be powerful, easy to service and dependable.

The robust construction assures a long trouble free service life.

### Parts commonality

Many of the main wear items are shared with the RC21 and RC25 hand tools.

These include wear plates, pivot bolt and nut, yoke and yoke pin, cam links (RC25 only), and seal kit (RC21 only).

This provides a benefit with reduced inventory holdings of spare parts when several Realcold hand tools are used together.

### Polished finish and smooth lines

All Realcold hand tools have a polished finish.

Unavoidable cavities are either plugged or shaped to prevent dirt from building up.

Lines are kept smooth making for an easy to clean, hygienic hand tool.

### Manufactured in New Zealand

All Realcold hand tools and components are designed and manufactured in New Zealand to the highest standards.

Our range of tools are distributed world wide and are found in widespread use in places such as France, Germany, Spain, the United Kingdom, the United States, Australia, and Japan.

Custom built solutions are available on request.

Stock is held in Auckland, and Brisbane. Spare parts can normally be shipped to any location overnight.

## Associated Equipment

**Endo EWF09X  
Spring Balancer**



**200-225201-A  
Hock Grabber**



**RC100-50  
Power Pack**



## Standard Blades



## Hooked Blades



## Pincer Blades



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