



# RC31 Sheep Brisket Shear

## General Description:

The RC31 is a pneumatically operated, full sized hand tool designed for the opening of sheep and lamb briskets.

It is also suitable for use on hogs.

## Features:

### Heavy duty scissor tool

The compact size and light weight (13.75Kg) of the RC31 makes this tool fast and easy to operate.

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

### Two handed mechanical control system

Safety comes first, with a tamper resistant two handed mechanically locked operating lever.

### Double acting cylinder

This tool is quick acting and powerful, capable of effectively performing the toughest cuts.

The smooth lines of the cylinder make cleaning easy.

### Hardened stainless steel blades

Realcold blades are manufactured from knife grade 440 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.

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.

### Proven blade shape

Our shear blades are large enough to open up most sheep and lamb briskets in one cut, quickly and efficiently.

The fixed blade is shaped for easy insertion into the sheep's chest cavity.

The tip is sharp enough to pierce the diaphragm easily while still having a slight radius to prevent hanging up inside the rib cage.

The moving blade is shaped to follow the edge of the fixed blade cleanly and smoothly, fully supported over the full cut.

### Fixed type hanger ring

The fixed eye hanging point is incorporated into the main frame.

### Simple construction

The RC31 was designed from the outset to be powerful, easy to service and dependable.

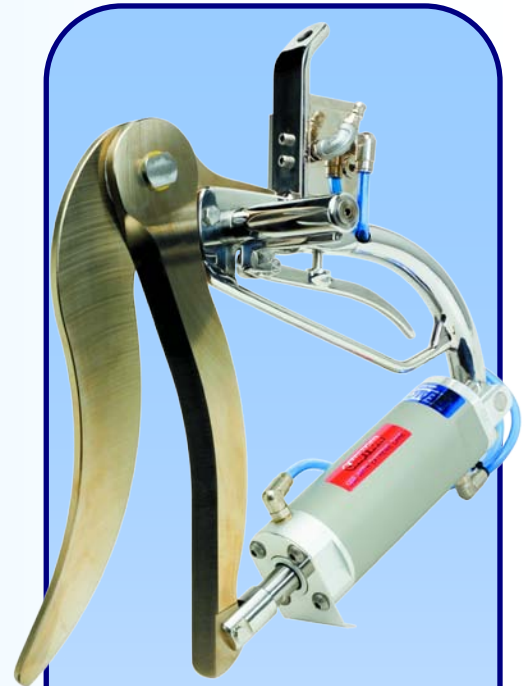
The robust construction assures a long trouble free service life.

### 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.



## Technical Data

### RC31-1105:

Weight	13.75Kg
Blade Opening	150mm
Blade Reach	335mm
Length	515mm
Height	620mm
Width	180mm
Operating Pressure	6.0-7.4Bar 90-110Psi
Cylinder Displacement	651.4cm <sup>3</sup>
Construction	Stainless Steel Aluminium
Cutting Cycle	1.5 seconds
Triggering	Mechanical

## Model Options

### RC31-1105 Brisket Shear Sheep, Lamb and Hog Briskets

European



Certified

### 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 worldwide 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.

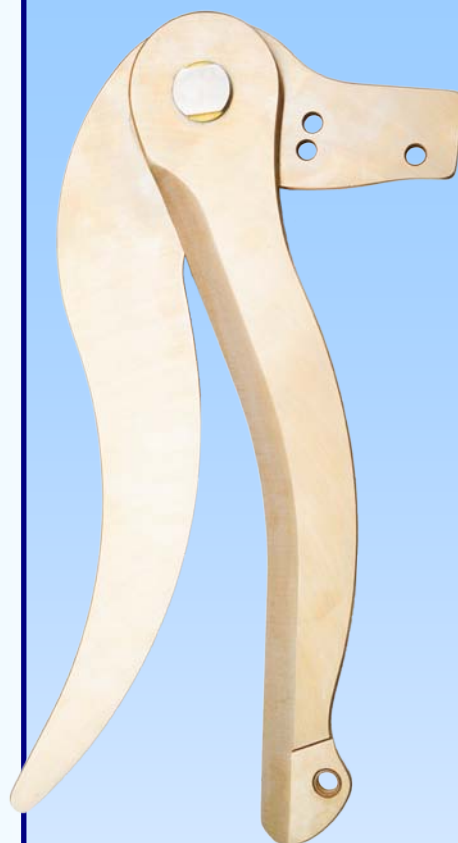
Stock is held in Auckland, and spare parts can normally be shipped to any location in New Zealand overnight.

## Associated Equipment

### Endo EWF15X Spring Balancer



## Standard Blades



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