



# RC30 Beef Scissor

## General Description:

The RC30 is a heavy duty full sized hand tool designed for the removal of beef hocks and horns.

Configurations are also available for the removal of sheep heads, pig heads, sheep or goat horns, and beef horn nubs.

## Features:

### Heavy duty scissor tool

The moderate size and weight (18.28Kg) of the RC30 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 double acting hydraulic cylinder shares the same piston as the RC25. This tool is quick acting and powerful, capable of effectively performing the toughest cuts.

### 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.

### Proven blade shape

Standard blades are shaped to begin overlapping before taking the full load of cutting the bone or horn.

Sheep head blades are available and have been developed for removal of the head in one cut.

The cut can be performed close to the skull, and the opening is big enough to take the heads off the largest sheep.

Hog head blades are available and have been developed for the removal of the head in one cut.

The cut can be performed close to the skull, and the opening is big enough to take the heads off mature hogs.

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.

They are also effective for removing the small nubs on dehorned beef.



## Technical Data

### RC30-1112:

Weight	18.28Kg
Blade Opening	120mm
Blade Reach	170mm
Length	770mm
Height	310mm
Width	172mm
Operating Pressure	157Bar/2200Psi
Cylinder Displacement	284.5cm <sup>3</sup>
Construction	Stainless Steel
Cutting Cycle	1.5 seconds
Triggering	Pneumatic

## Model Options

**RC30-1111 Pincer Blades**  
Sheep and Goat Horns

**RC30-1112 Standard Blades**  
Beef Hocks and Horns

**RC30-1113 Hog Head Blades**  
Hog Head Cutter

**RC30-1116 Sheep Head Blades**  
Sheep Head Cutter

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 clevis tube 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 head and clevis.

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

A solid casting is used to maximize strength.

The D-Handle is mounted towards the front of the clevis.

### 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 RC30 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 RC25 and RC35 hand tools.

These include yoke and yoke pin (RC35 only), cam links (RC35 only), hydraulic cylinder (RC35 only), and seal kit.

This provides a benefit with reduced inventory holdings of spare parts where 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 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 Brisbane. Spare parts can normally be shipped to any location overnight.

## Standard Blades



## Sheep Head Blades



## Hog Head Blades



## Pincer Blades



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## Associated Equipment

### Endo EWF22X Spring Balancer



### 200-305201-A Hock Grabber



### RC100-50 Power Pack

