



AC118CI Code **105844**

ACCIH Code **105872**

Original Instructions

# AC118CI & ACCIH

## Cyclone Interceptor



Code 105844 AC118CI  
Cyclone Dust Collector  
Interceptor



Code 105872 ACCIH  
Cyclone Interceptor Head



# Introduction

## AC118CI Cyclone Interceptor Code 105844

This is a stand-alone, unpowered cyclone dust collector/interceptor. It uses the cyclone head from the Craft AC118CE Cyclone Dust Extractor. It is designed to be used with a standard High Volume Low Pressure (HVLV) chip extractor to provide the airflow. Using this interceptor, you can create a wood dust and chip extractor which will handle even fine dusts from drum sanders. You can either use this unit to upgrade your current workshop chip extraction system (with the typical bag filter) or place this unit next to a drum or belt sander to intercept the fine dust before the air stream reaches the chip extractor.

It has a generous 118 litre waste bin, and castors to allow easy mobility around the workshop.

It is fitted with 102mm inlet and outlets, which suits many common woodworking machines. We recommend using a chip extractor with at least a 1.5hp motor, such as the Craft AC82E.



## ACCIH Cyclone Interceptor Head Code 105872

This is just the Cyclone body unit only, with 102mm inlet and outlets with a flange mounting on the bottom to allow you to use your own waste container. This gives great flexibility of choice, size and mounting position within the workshop. We recommend using a chip extractor with at least a 1.5hp (1.1kW) motor, 1,000 m<sup>3</sup>/hr air flow.

## Building a Waste Container

To use, you will need to build a waste container to suit your application, making sure that it is air tight, and can be emptied easily. These are commonly made from 12mm plywood. An alternative container can be made by using an open metal or plastic container and manufacturing a suitable air tight lid. Be careful not to make too large a container, think of the weight involved in emptying it of wood waste. The cyclone will need to be mounted onto the lid, so make sure that the lid is strong enough to take the weight. Use an appropriate sealer between the interceptor flange and container lid.

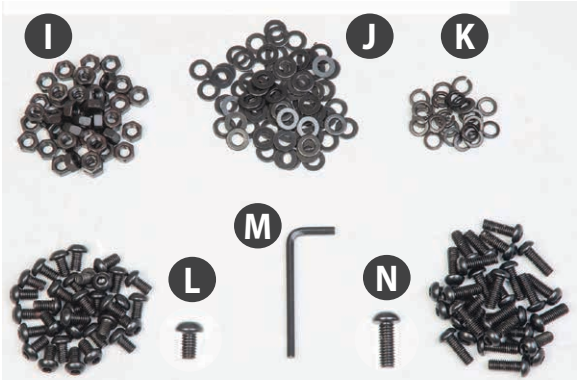
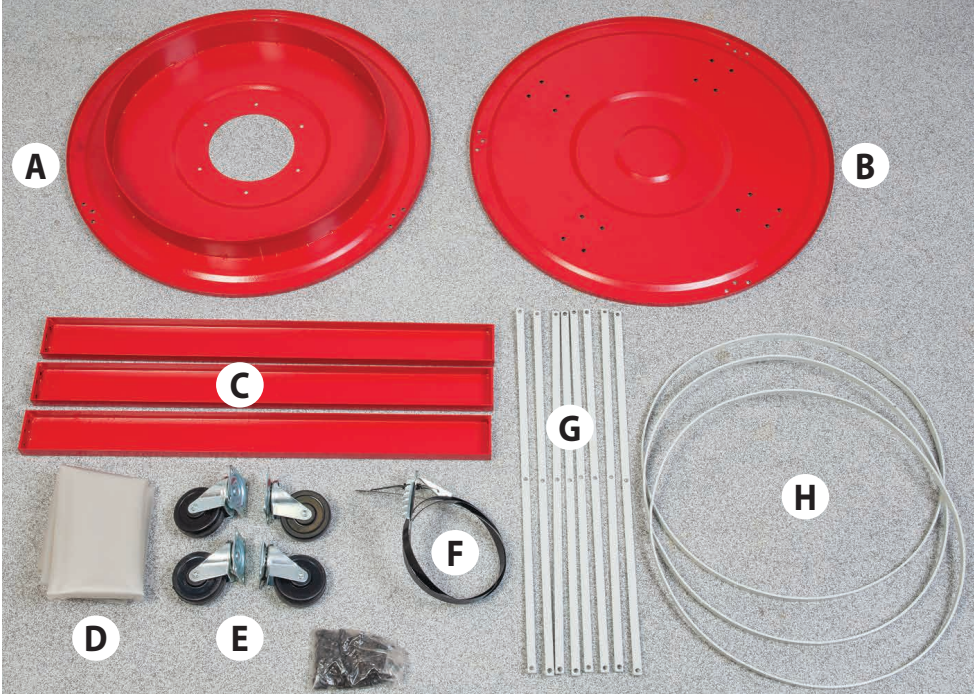
## ACCIH Interceptor Head



Once you have the interceptor head mounted onto your waste container, it is just a matter of connection. This is simplicity itself, just an inlet connection from the dust producing machine (A) and an outlet (B) to the air volume source, typically a (HVLV) chip extractor.

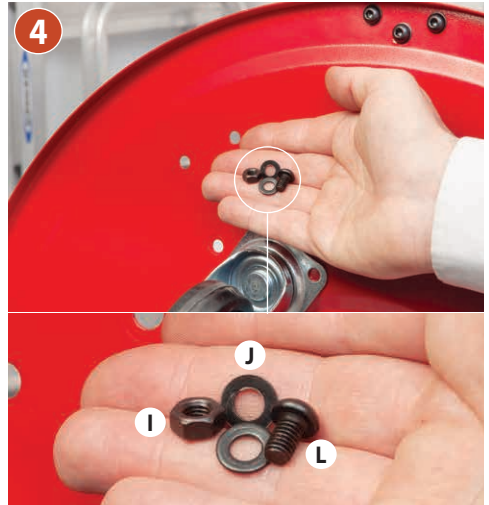
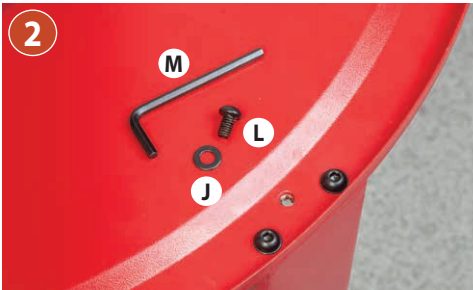
In use, you should expect around 90-97% separation of the wood waste from the air stream, in simple terms the amount of waste reaching the chip extractor will be a small fraction of the waste produced.

AC118CI Cyclone Interceptor Code 105844



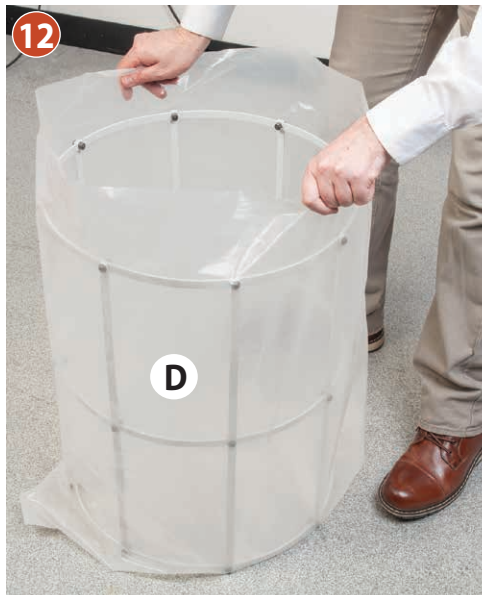
<b>A</b>	Container Top	x1	<b>H</b>	Inner Cage Steel Circular Rings	x 3
<b>B</b>	Container Base	x 1	<b>I</b>	Nuts	
<b>C</b>	Support Columns	x 3	<b>J</b>	Thin Washers	
<b>D</b>	Collecting Bag	x 1	<b>K</b>	Spring Washers	
<b>E</b>	Castor Wheels	x 4	<b>L</b>	Short Domed Hex Screws	
<b>F</b>	Securing Belt Strap	x 1	<b>M</b>	Hex Key	
<b>G</b>	Inner Cage Steel Bars	x 8	<b>N</b>	Long Domed Hex Screws	
			<b>O</b>	Cyclone Interceptor	

# Assembly

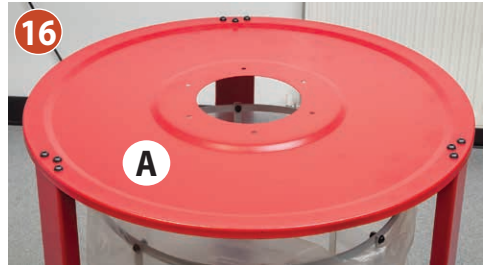


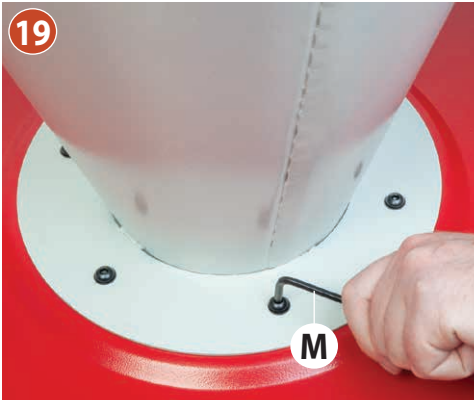


Dust Bag Inner Cage



# Assembly





Connect the dust producing machine to the inlet (A) and an outlet (B) to the air volume source, typically a (HVLV) chip extractor.

# The **Axminster guarantee** is available on Craft, Trade, Engineer, Air Tools & CNC Technology Series machines

Buy with confidence from Axminster!

So sure are we of the quality, we cover all parts and labour free of charge for three years!



For more information visit [axminster.co.uk/3years](https://axminster.co.uk/3years)

---



The packaging is suitable for recycling.  
Please dispose of it in a responsible manner.



### **EU Countries Only**

Do not dispose of electric tools together with household waste material.  
By law they must be collected and recycled separately.

**AXMINSTER**  
**Tools & Machinery**

Axminster Tools & Machinery  
Axminster Devon EX13 5PH

**axminster.co.uk**