



# User Manual, Operating Instructions and Specifications



## VIRAX GUILLOTINE

All Sizes



**PIPE CUTTING**

• INNOVATION • DESIGN • MANUFACTURE • SUPPLY

# Guillotine Cutters



Virax Guillotine

Hy-Ram is a UK agent for the Virax range and the 'exclusive' UK agent for the Wheeler-Rex range of Pipe Cutting equipment including Guillotine Cutters.

Both Guillotines quickly and accurately cut medium and high density PE pipe and have been chosen for their robust, durable design.

The Guillotines achieve a straight, square cut with minimal blade wear. Blades are easy to sharpen or replace.

## Virax Guillotine

- Practical, fast opening
- Maximum wall thickness 18mm
- Ground Stainless Steel Blade
- Square drive 14 mm (models 125 and 225) or 17 mm (model 315) across flats. A wrench or extension can be used for cutting pipes in deep trenches. Releasing the catch on the hinged lower V-shaped jaw allows the cutter to be positioned anywhere along the pipe.

Product code	Pipe size max. OD mm	Description	Weight	Spare Blade Product Code	
117-000081	125	VIRAX Guillotine Cutter	7.5kg	041-000023	Ⓡ Ⓜ
117-000030	225	VIRAX Guillotine Cutter	17kg	041-000015	Ⓡ Ⓜ
117-000071	315	VIRAX Guillotine Cutter (Not suitable for SDR11)	68kg	041-000021	Ⓡ Ⓜ

## Safety Instructions

Read, understand and observe all safety information and instructions in this manual and exercise caution while using all guillotine cutters.

**Please save this user's guide for future reference and have it available to all operating personnel.**

### FIRST USE

Before operating the guillotine cutter for the first time, ensure that the unit is free from dirt and that all moving parts are lubricated and move freely.

### BEFORE USING

It is important to ensure that all component parts are present and in a serviceable condition. In addition, check that the pipe is the correct diameter, material and SDR for the size of cutter selected.

### GENERAL SAFETY

This unit is intended for cutting HDPE plastics for the gas and water industries. It is the responsibility of the operator to ensure that ALL Safety Instructions are carried out while using this equipment. If in doubt contact the manufacturer.

### Maintenance

1. Always keep the unit clean and free from dirt.
2. Check General condition before each use.
3. Periodically check all items for defects.
4. Clean and lubricate feed screw threads at regular intervals.



# Guillotine type pipe cutter

## Instructions for use

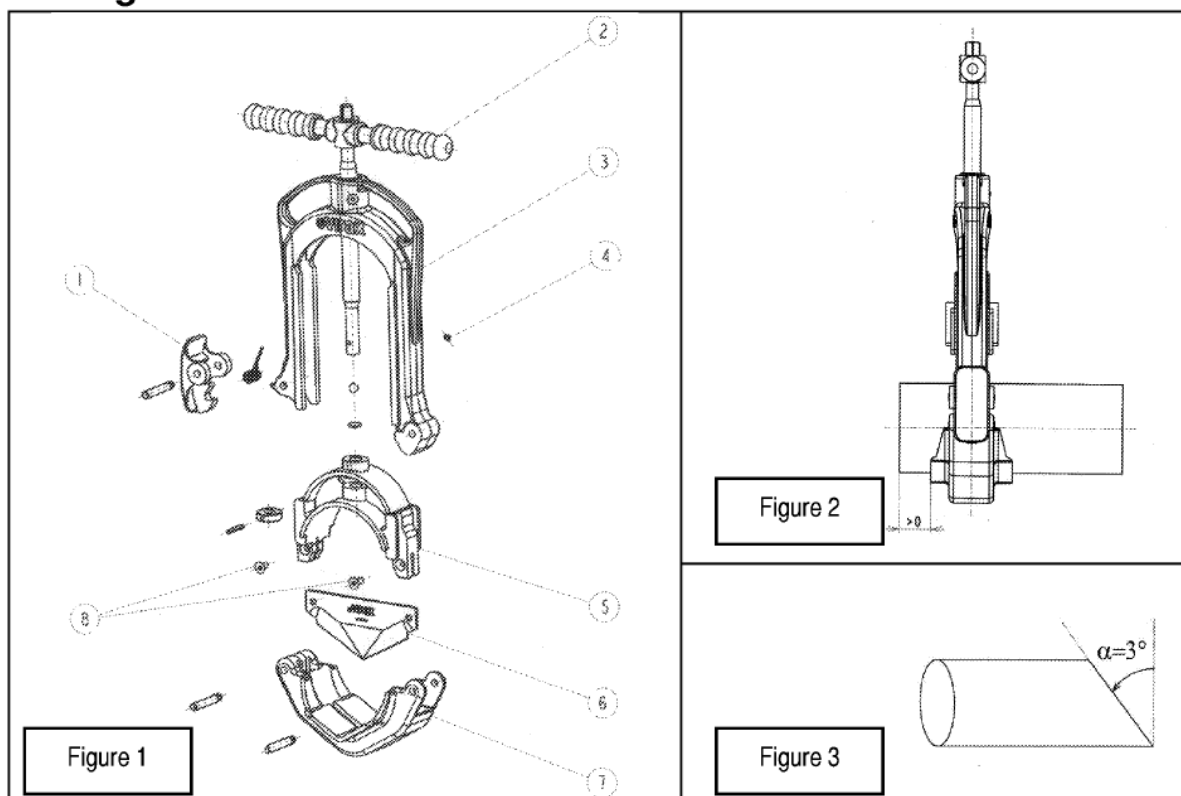
- Read and follow the instructions. The non-respect of the instructions cancels the guarantee in the event of problems.
- Only use the pipe cutter to cut HDPE pipes.
- Do never cut the extremity of a pipe, the lower vee has to lean against the pipe.
- Assembly problems may occur in case of an inappropriate pipe cutter position. The cutting angle  $\alpha$ , ie. the angle between the pipe cutter blade and the plan perpendicular to the pipe axle, has to be lower than  $3^\circ$  (cf. Figure 3).
- Never place the pipe cutter at the extremity of a pipe. The pipe cutter would deform the pipe and the blade would be bent during the cutting.
- Do not cut welding with a pipe cutter.
- Do never exceed the capacity of the pipe cutter.

### Caution :

Always wear gloves during the operation of the pipe cutter.to avoid serious injuries.

## Presentation of the product

### Diagram



### Listing

N°	Name of the part
1	Lock
2	Handle
3	Upper body

N°	Name of the part
4	Lubricator
5	Blade holder
6	Blade

N°	Name of the part
7	Lower Vee
8	Screw

## Utilization

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The pipe cutter can be used in trenches. Ensure that the trench is sufficiently wide to be able to close your pipe cutter without any problems.

### Capacity

Ø mm	Real capacity mm	SDR	Max. thickness mm
125	125	11	11,4
225	225	11,5	18
315	323,8	17	18

### Procedure :

#### *Caution :*

Only use the pipe cutter to cut HDPE pipes. Always place the pipe cutter blade perpendicular to the pipe.

- Raise the blade (6) by turning the handle (2) in the anti-clockwise direction.
- Open the screw (1) in order to release the lower vee (7).
- Open the lower vee (7).
- Place the pipe cutter on the pipe (cf. Figure 2).
- Close the lower vee onto the pipe.
- Release the screw (1).
- Check whether the pipe cutter is perpendicular to the pipe to be cut (cf. Figure 2)
- Lower the blade (6) by turning the handle (2). This operation cuts the pipe.
- Raise the blade (6) by turning the handle (2).
- Release the screw (1).
- Remove the pipe cutter from the tube.

## Changing the blade

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#### *Caution :*

Always wear gloves during the operation of the guillotine pipe cutter. In this way you will avoid seriously injuring yourself.

- Release the screw (1).
- Open the lower vee (7).
- Lower the blade holder (5) to the maximum by turning the handle (2).
- Unscrew the 2 screws (8) with an Allen key.
- Remove the blade (6) with care.
- Put the new blade in place.
- Tighten the screws (8).

## Maintenance

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- Clean the pipe cutter lubricator regularly.
- Grease the lubricator regularly.



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