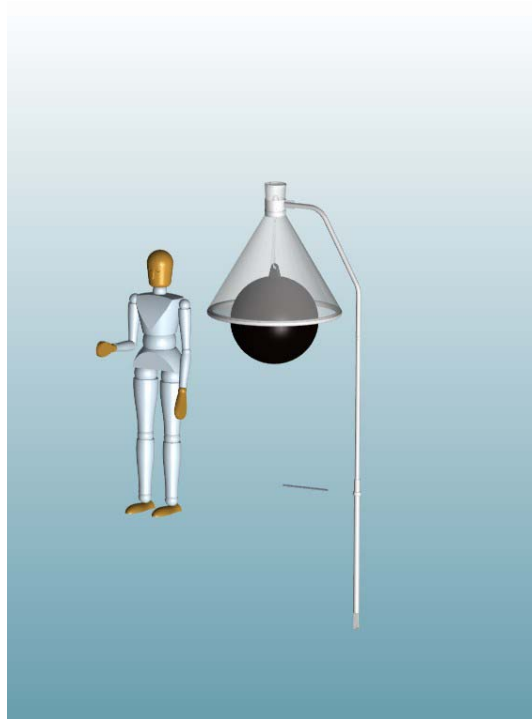




# Horsefly Trap H-trap



## Installation and service manual

### ***Please read carefully, before using your unit!***

The information in this service manual is based on the latest information, and is provided subject to alterations. We reserve the right to change the construction and/or configuration of the product at any time without obligation to modify earlier versions of the product.

For further data: [www.alcochem.nl](http://www.alcochem.nl)



### **A) Read this manual carefully before taking any action with regard to the H-trap:**

Congratulations with the purchase of this high quality horse fly trap. Before using this model we would like to ask you to read this manual carefully. If you have questions afterwards feel free to contact your local supplier.

The information in this manual is based upon the latest information, and is provided subject to alterations. We reserve the right to change the construction and/or configuration of the product at any time without obligation to modify earlier versions of the product.

Store this manual carefully for future use.

### **B) Receipt of the unit:**

While unpacking, check for any signs of shipment damage and, if found, notify both transporter and supplier in writing within 8 days after receipt with full details of the damage that has occurred and retain the equipment and packing materials for inspection. Check that all parts have been received as ordered. Make sure that all packaging is removed from the machine before use.

### **C) Installation of the H-trap:**

The H-trap needs to be installed in the direct vicinity of the resting and/or feeding places of the animals on sand. Horses are especially curious animals and may want to nibble at the plastic hood. This needs to be avoided at all times. If required protect the H-trap to avoid this from happening.

The numbers in the text below refer to the numbers used in the exploded view drawings, which are placed in the back of this installation manual.

#### **Installation:**

1. Inflate the ball (17) using a compressed air unit or place the adapter (20) in the inflation opening of the ball and use a hand pump. Pull out the ball valve (21) using the adapter to inflate the ball initially. See fig. 5. The diameter of the ball must be approx. 60cm (circumference of approx. 1900cm)
2. Mount the cable (12) to the ball (17) using one of the cable clamps (13), see fig 4.
3. Mount the other end of the cable to the ring (7) leading it trough the funnel (14). Length of the cable must be min 39 cm and maximum 40cm.



Note: The cable must be mounted trough the upper end of the funnel (14) before it should be mounted to the ring.



4. Mount the funnel (14) to the ring (7) using fixation ring (11). The lower edge of the non transparent collar must be even with the lower end of the ring.
5. Put one side of the pipe connector (16) into the plastic pipe (15), see fig. 6.
6. Put the pipe with the pipe connector first into the opening in the lower end of the funnel (14) using some soap to grease the pipe will simplify this process. Connect the other end of the pipe to the pipe connector.
7. Drill the base pipe (1) into the ground using wrench (2). See fig 3. To ensure that the pipe is vertically mounted one can use a plumb-line. Drill a hole turning and pushing the drill into the ground. If drilling becomes more difficult take the drill out and remove sand from the drill. Proceed until the pipe is firmly mounted preferably 60-70 cm deep.
8. Put the connection pipe (4) into the base pipe (1) Secure the pipe with the ring (3) Fixate the screw using the supplied socket head wrench (22)
9. Connect the bend pipe (6) to the connection pipe (4) using clamp (5) Tighten the screw firmly until the pipes are firmly connected.
10. Connect the ring (7), with connected ball, funnel etc. into the slot of the bend pipe (6) using M8 bolt (8), nut (10) and spacer (9). See fig 7.



Note: Rotate the ring (7) until the ball is positioned in the middle of the funnel, the ring will be in a horizontal position now.

11. Place the collect tray (18) with cap (19). Fill the collect tray with water (40 cl).

The H-trap is ready for use now.

### C) Periodic maintenance:

- The collect bin of the horse fly trap needs to be checked, filled with water if necessary and emptied regularly.
- Make sure that the ball stays inflated.
- Storm and wind will have an impact on the stability of the H-trap. Check this periodically or whenever this is required.

### D) Key features:

- Galvanised corrosion proof construction.
- Weather proof design.
- Reduces the horse fly population considerably.
- Easy installation, by means of integrated ground drill.
- Environmental friendly.
- Ergonomic design, allows easy handling of the trap.
- Effective and easy control on horse flies.
- 2 years warrantee on mechanical defects.



### **E) Key specifications:**

Dimensions	: 1,20m middle diameter, height above the ground is 2,20m
Ground drill	: attached to ground pipe
Colour	: black (ball) & white (Conical plastic hood)
ID tag	: included with unique serial number
Material	: hot zinc dipped mounting frame, thickness is 2.0mm
Weight	: app 15kg
Tools	: air valve for inflation ball & 0,25" socket head wrench included
Funnel trap	: 1 piece included
Shipment	: in transport modules, which need to be assembled on location.
Packing size (m)	: 1,20 * 0,40 * 0,23
Packing	: export packing included
Manual	: enclosed in English



Fig 1: Explode view

Pos	Description
1	Base pipe
2	Wrench
3	Connection ring
4	Connection pipe
5	Pipe clamp
6	Bend Pipe
7	Ring
8	Bolt M8
9	Spacer
10	Nut M8
11	Fixation ring
12	Cable
13	Cable clamp
14	Funnel
15	Reinforcement pipe
16	Pipe connector
17	Ball
18	Collect tray
19	Cap
20	Manual valve
21	Ball valve
22	Socket head wrench

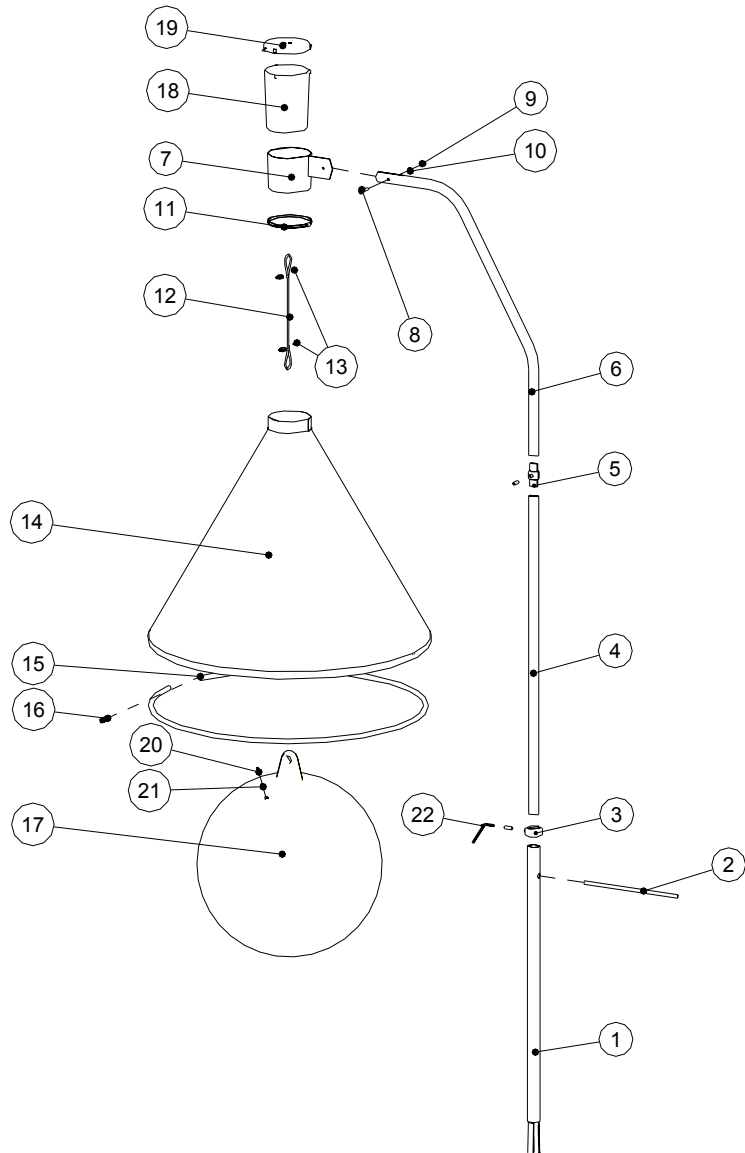




Fig 2: View of some parts

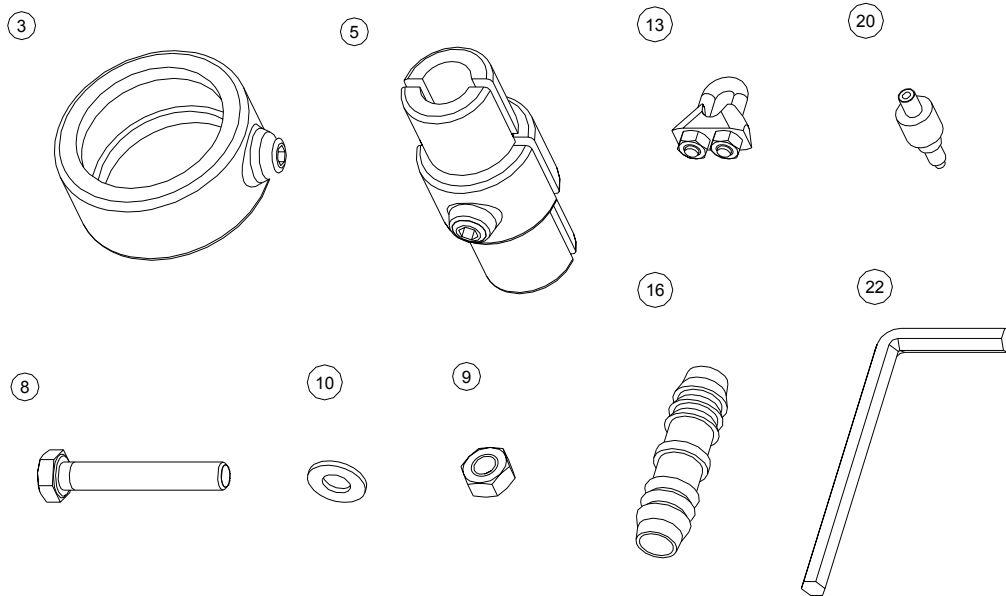


Fig 3: Drilling the base pipe into the ground.

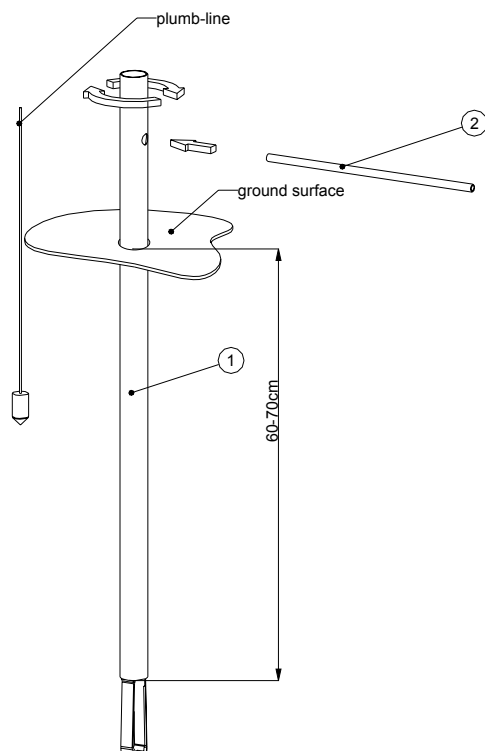




Fig 4: Assembly of the ring ball to the ring.

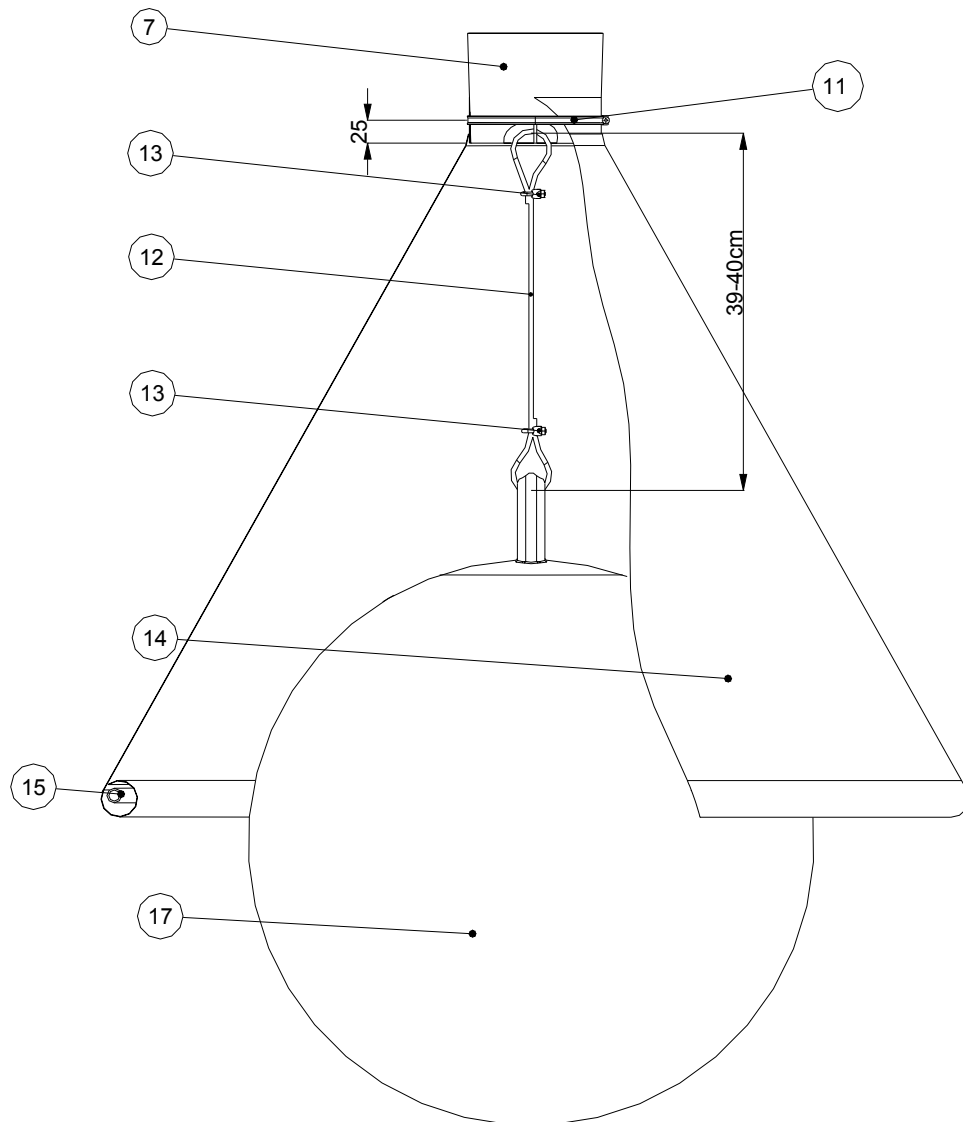




Fig 5: Inflating the ball

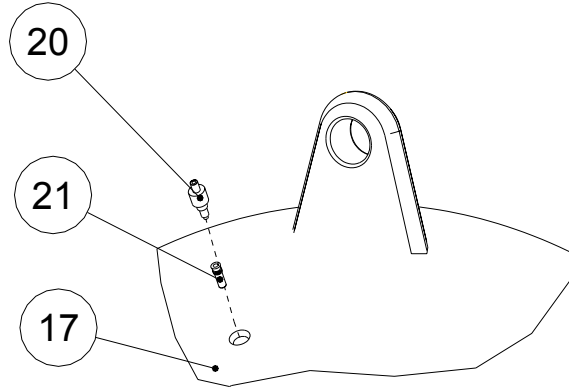


Fig 6: Assembly of the pipe connector.

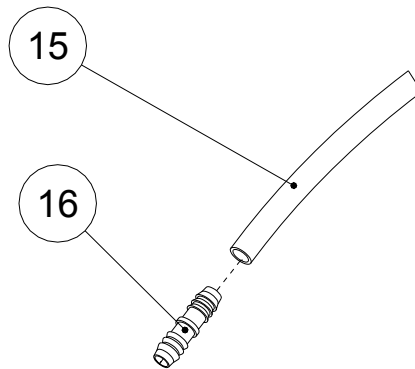


Fig 7: Assembly of the ring to the bend pipe

