

# Due//Matic A/S

## Operating Instructions Standard 200 Rabbit



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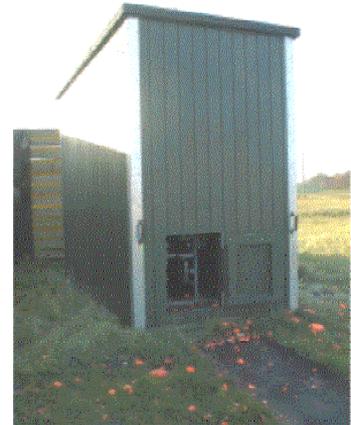
## Electrical diagrams

## Arrangement of the trap

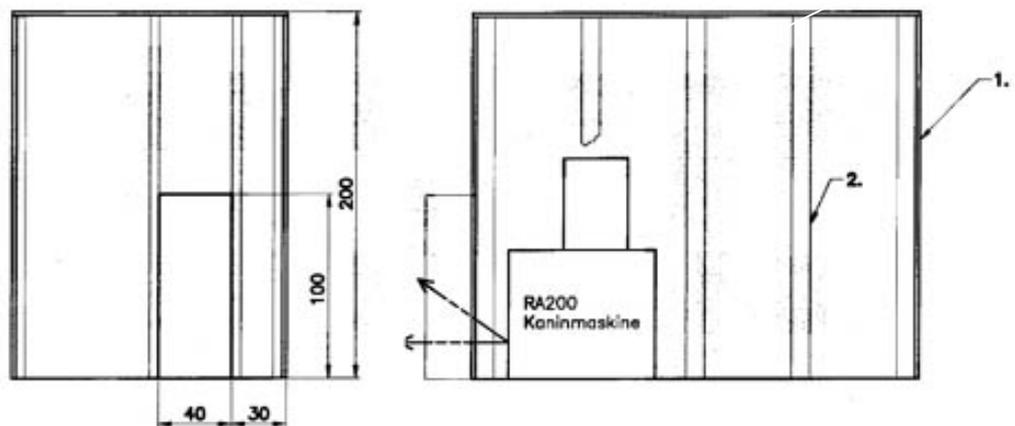
Proposal:



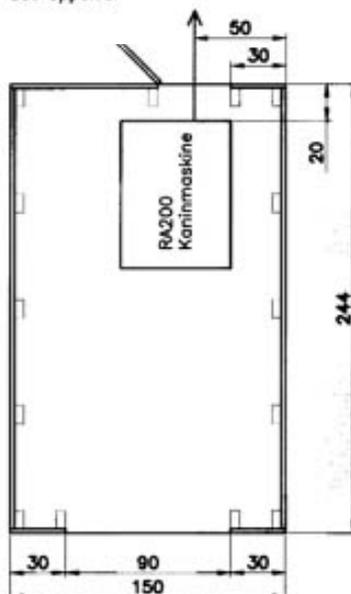
indoors



outdoors



Set oppefra



- 1. 22 mm. douglasplade
- 2. 100 x 50 mm. legter

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CM.	DUE//MATIC	A3	1:25	10
Titel	House drawing	Tp. nr.	006ra200	10

## Electronic box:



### Operation of all switches:

1. Connect the trap to the source of power  
**Power-** and **Mode** lamps lights constantly.  
If **Emergency STOP** has been activated, **POWER** lamp lights ONLY.  
Loosen Emergency Stop and **press MODE-button 2 x**.  
Now Mode lamp also lights constantly

2. The following switches can be found on the electronics box:

#### A. Release / Step

- Use this switch, releasing targets. release.
- Moving throwingarm in steps, until releasing.  
Function of switch depends on MODE.

#### B. MODE

- Single press the switch activating Step-mode.  
(Mode-lamp flash the light)
- Repress the switch activating Release-mode.  
(Mode-lamp lights constantly)

If NO light in the Mode-lamp, Emergency STOP is activated.

#### C. EMERGENCY STOP

If the Emergency Stop has been activated. Turn the button and press on Mode switch 2 x to jump to release mode.

By pressing release handle 2 x, two targets are released quickly one after the other.

## Starting the trap

1. Check that the direction of launch is clear
2. If both lamps lights, the machine is ready.
3. Connect release handle
4. If **Emergency STOP** has been activated, POWER lamp lights ONLY.  
Loosen Emergency Stop and **press MODE-button 2 x**.  
Now Mode lamp also lights constantly
5. By pressing Release switch the throwingarm will be placed in cocking position
6. When the switch on release handle is pressed, a target will be launched



## Filling the trap with targets

When the magazine is empty, it can only be filled in the pipe at position “A”.

This is necessary so that the target lands precisely on the bottom of the magazine, which is the only place the target can pass through the rubber guide.

When the first pipe has been filled, **Release** and the next empty magazine pipe will turn around position “A”.

Notice that this function only necessary when the magazine is completely empty.

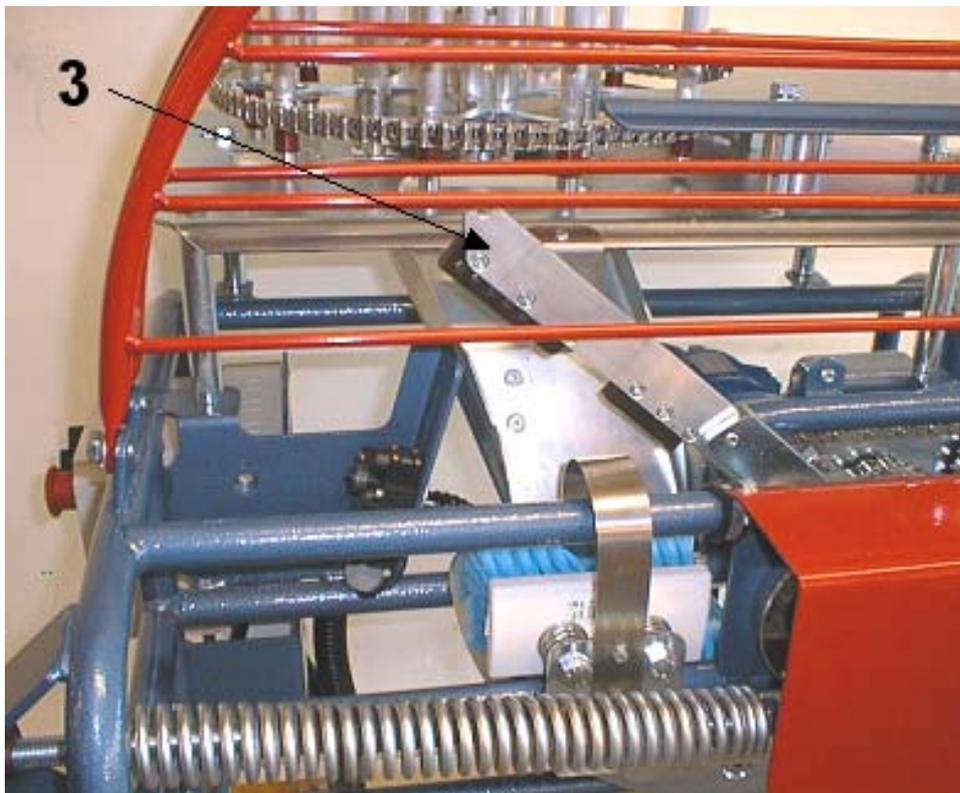
If there are a minimum of 5 targets in each pipe, they can be filled up as you like

**We recommend only to use new targets, as re-cycled targets may break when launched.**



## Unloading and switch off the trap

1. Change MODE to **STEP** (Mode-lamp flash the light)
2. Activate **STEP** until release of target
3. The launching arm will be set in the “original position”.
4. Switch off power to machine.



## Length launch adjusting

**NOTICE: BY ALL ADJUSTMENT UNLOAD THE MACHINE**



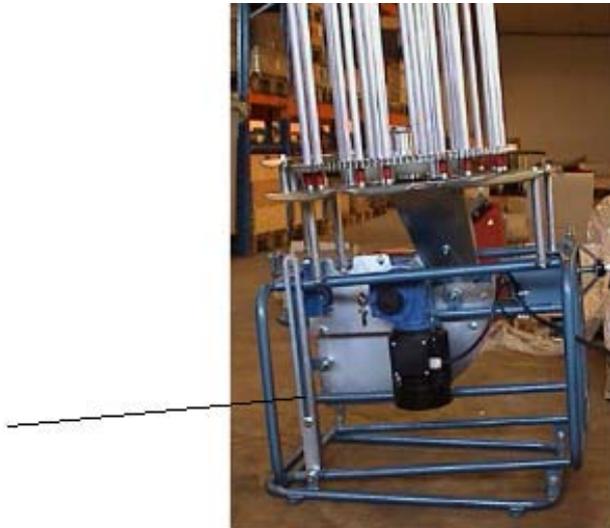
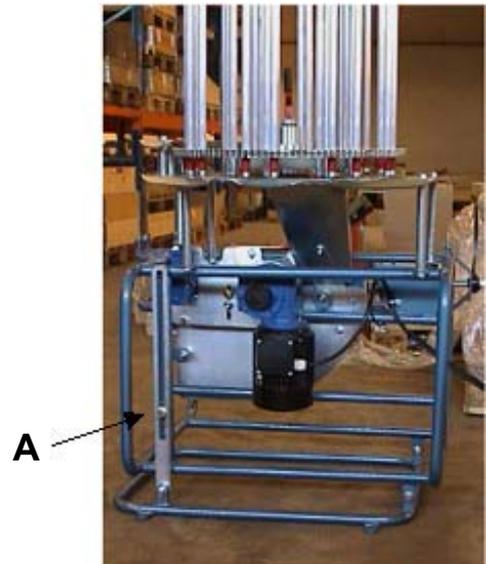
1. Adjust the length of the launch with 19 mm spanner
2. Turn to the right to increase the length of launch
3. Turn to the left to decrease the length of launch

## Vertikal angel changement :

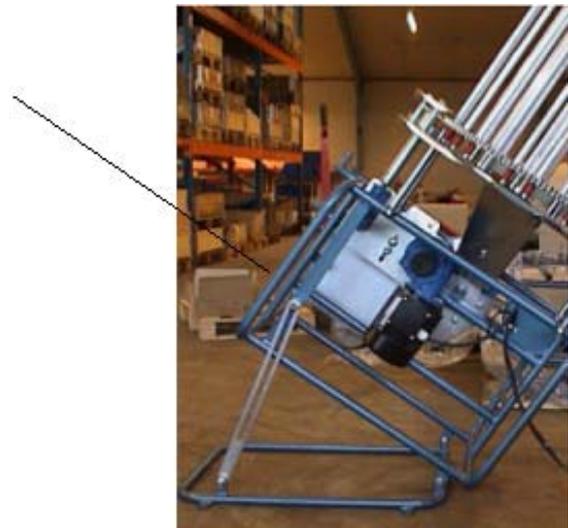
**NOTICE: BY ALL ADJUSTMENT UNLOAD THE MACHINE**

**Check that machine is fastened on a stable foundation.**

1. Loosen bolt "A" with 19 mm spanner
2. Tilt to wanted angel.
3. Remember tightening bolt bolt "A"



-5°



+45°

## Targets loading adjustment

**NOTICE: BY ALL ADJUSTMENT UNLOAD THE MACHINE**

Rabbit targets from different factories, are not all the same quality

If the target stops before the brush.



Adjust the steel strip, or the topbrush.



If the target does not stop in the brush.  
Adjust the brush with 17 mm spanner  
or the steel strip.



## Adjusting the micro switch

**NOTICE: BY ALL ADJUSTMENT UNLOAD THE MACHINE**

When loaded, the position of the launching arm is determined by a micro-switch. If the latter is set incorrectly, the launch may be delayed and the trap may launch several targets after one another, even if the pressure switch is only pressed once.

**The correctly stop for the launching arm is in horizontal position**

Position of launching arm:

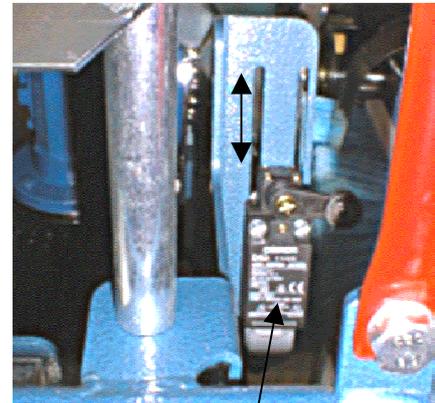
**Over horizontal**

**lower** the micro switch

Position of launching arm:

**Under horizontal**

**raise** the micro switch



micro switch

## Assembling of the trap

### Please note:

The magazine and the safeguard are dismounted for the transport.

Mounting the magazine it is important to notice following:

*The trap has been adjusted, so if the magazine is correct re-mounted the target will be placed on the right time.*



1. Dismount the chainshield



2. Mounting the magazine:

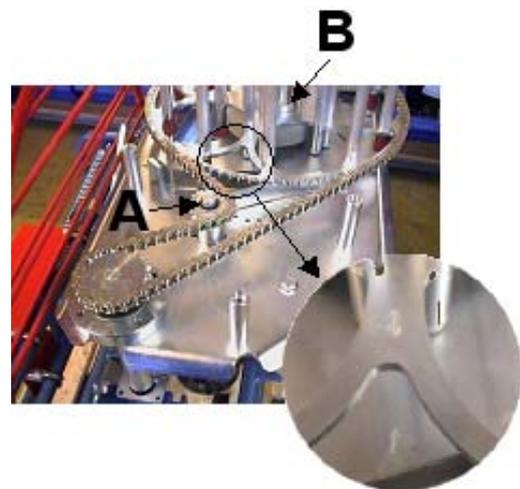
\* Loosen chaintensioner bolt "A" underneath with 17 mm spanner.

\* Mount the magazine, and tighten bolt "B" underneath with 19 mm spanner.

**IMPORTANT:** notice position of the two arrows

\* Fit the chain and tighten bolt "A"

\* Mount the chainshield



If the magazine has been correctly mounted the position of the arrow on the chainshield will be between two bars.

