

# Due//Matic A/S

## Operating Instructions Standard 200 Rabbit 12 volt



Due//Matic A/S, FJORDVEJ 21  
TLF. +45 8640 5888  
E-MAIL: [duematic@duematic.dk](mailto:duematic@duematic.dk)

8900 RANDERS, DENMARK  
FAX: +45 8641 8111  
WEB: [www.duematic.com](http://www.duematic.com)

## **List of contents**

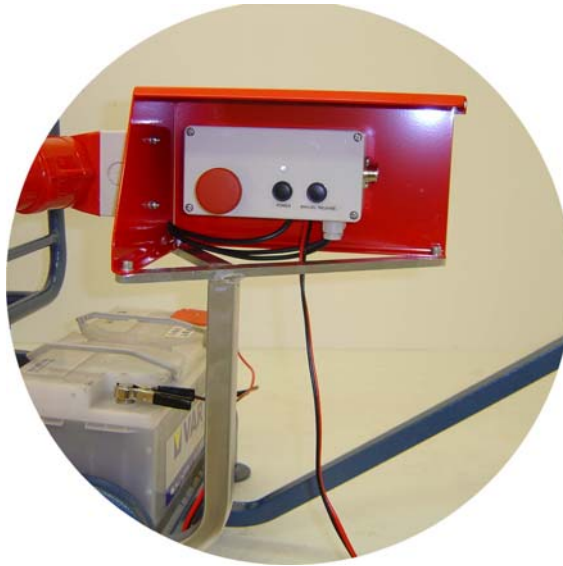
- 3. Power supply and operation of all switches**
- 4. Starting the trap**
- 5. Filling the trap with targets**
- 6. Unloading and switching off the trap**
- 7. Length launch adjusting**
- 8. Vertikal angel changement**
- 9. Targets loading adjustment**
- 10. Adjusting the micro switch**

## **Electrical diagrams**

## Power supply

Supply for  
the machine

Fuse 30A

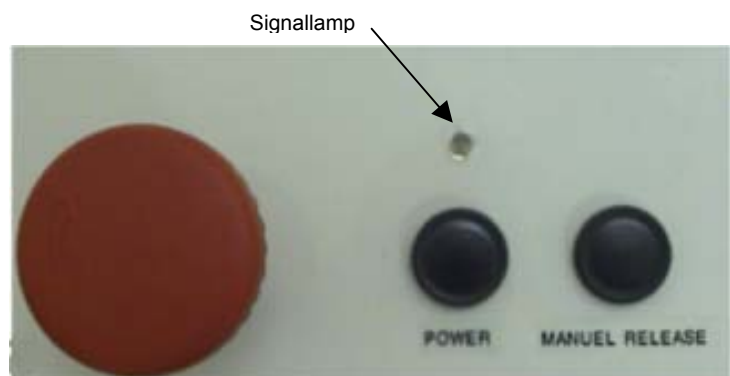


---

## Operation of all switches:

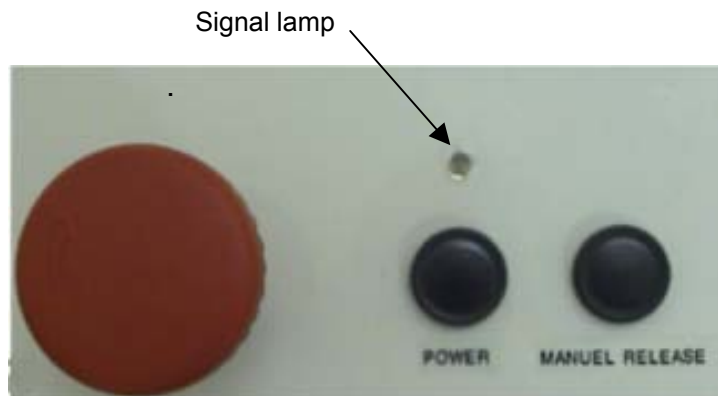
1. Connect the trap to the battery
2. The following switches can be found on the electronics box

- ❑ **Emergency STOP**
- ❑ **Power**
- ❑ **Manuel release**
- ❑ **Signal lamp**



## Starting the trap

1. **Check** that the launching direction is free.
2. **Check STOP** has not been actuated. If actuated, release the **STOP** turning the red button clockwise.
3. **Push the Power switch**, the signal lamp lights.
4. **Activate the Release button**. The throwing arm moves to loaded position.
5. The Trap is now loaded and can be released by ext. switch



## 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, press the “MANUEL RELEASE” switch 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

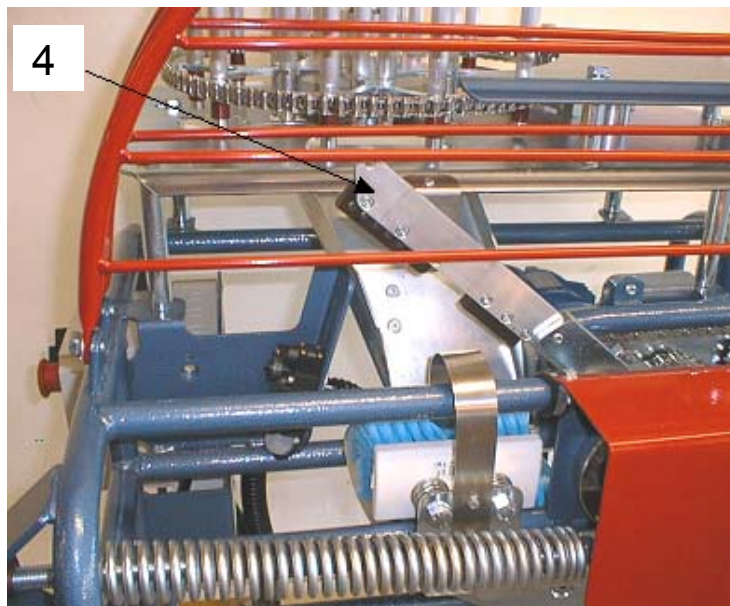
**We recommend only to use new targets, as re-cycled targets may break when launched.**



## Unloading and switch off the trap

1. **Check** that the launching direction is free.
2. **Activate POWER switch.** The signal lamp turns off.
3. **Activate the MANUEL RELEASE switch.** The Trap will release a target and stop.
4. Position of throwing arm must be in “original” position.
5. The Trap is now switched off

**When trap is unused, it must be unloaded.**



## 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

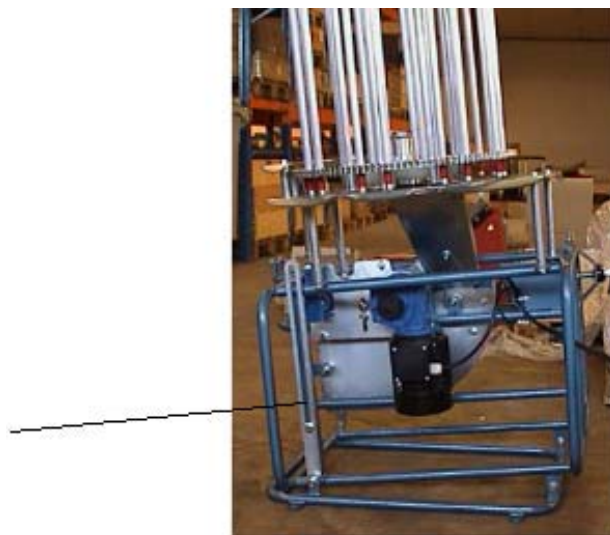
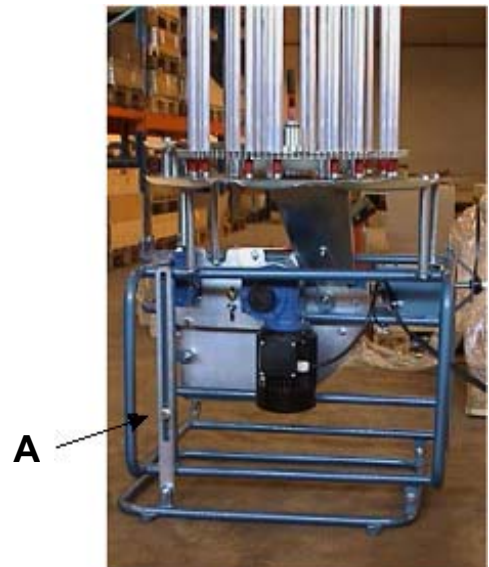


## Vertikal angel changement :

**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°

## NOTICE:

**Cart-model: Use battery to act as a counterbalance to the machine.**



## 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:

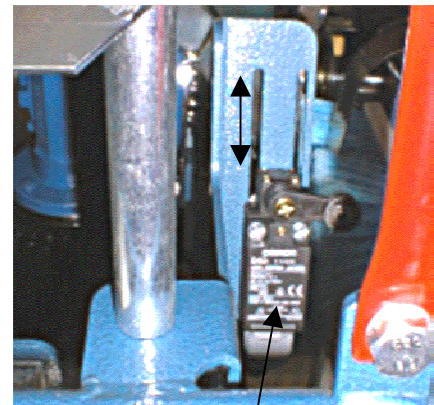
**Over horizontal**

**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

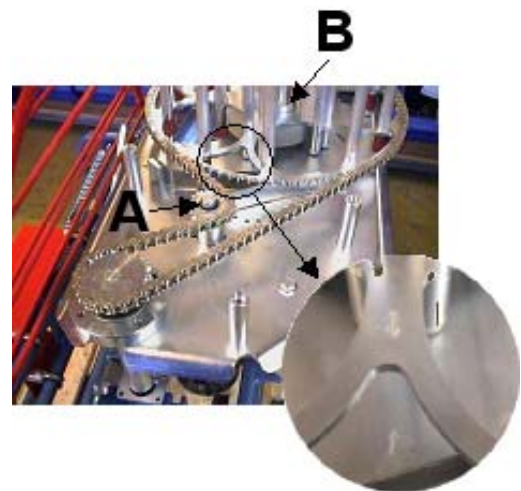


2. Mounting the magazine:

- \* 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.

