

# Due//Matic A/S

## Operating Instructions Compact 8, Sporting Base 12V



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

DK - 8900 RANDERS DANMARK  
FAX: +45 8641 8111  
WEB: [www.duematic.com](http://www.duematic.com)

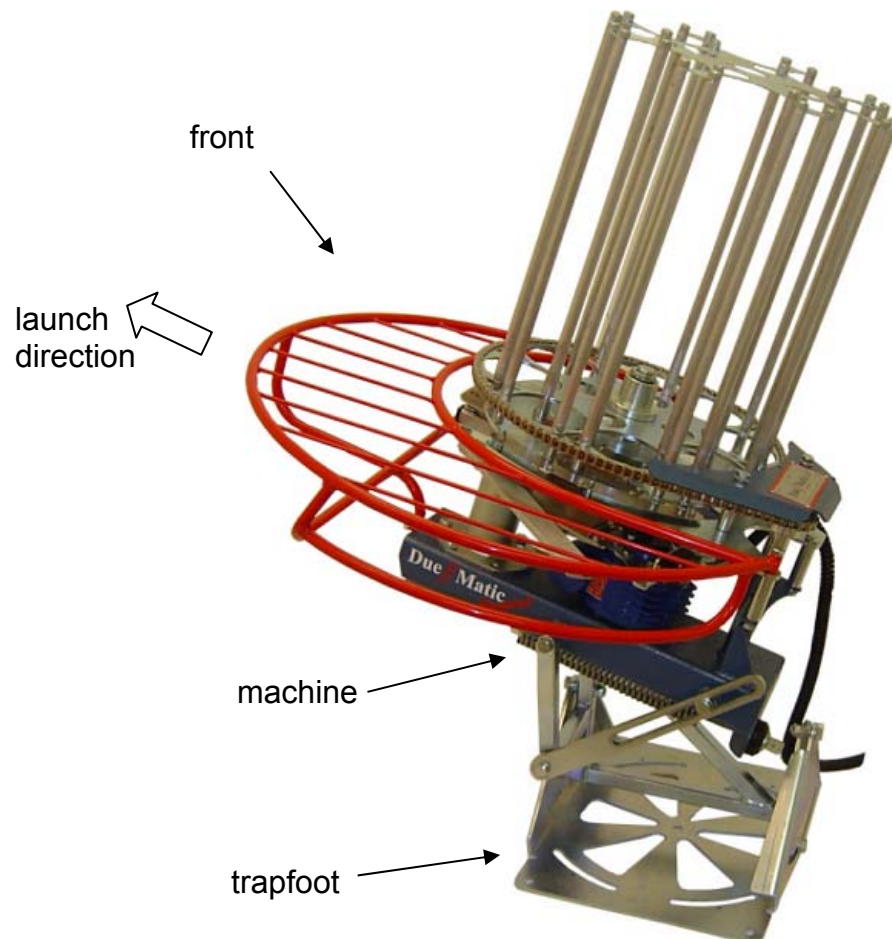
## List of contents:

<b>Assembling the trap</b>	<b>3</b>
<b>Electronics box</b>	<b>4</b>
<b>Operation off all switches</b>	<b>4</b>
<b>Starting the trap</b>	<b>5</b>
<b>Unloading and switch off the trap</b>	<b>6</b>
<b>Adjusting the length of the launch</b>	<b>7</b>
<b>Horisontal justering</b>	<b>8</b>
<b>Tilt adjustment (up / down)</b>	<b>9</b>
<b>Tilt adjustment (right / left)</b>	<b>10</b>
<b>Adjusting the micro-switch</b>	<b>11</b>
<b>Adjusting target seperator knives</b>	<b>12</b>

**Electrical diagrams**

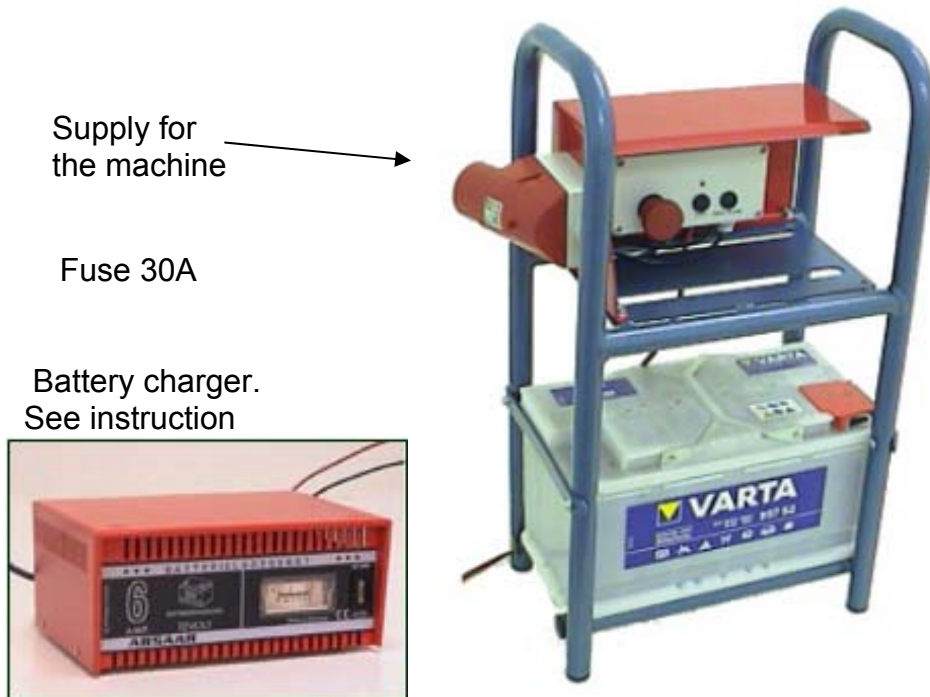
## Assembling the trap

1. Mount Safety Guard. DO NOT USE THE TRANSPORTBOLTS
2. Mount magazine.



3. Mount the trapfoot with bolts (not included) on stable foundation.

## Power supply



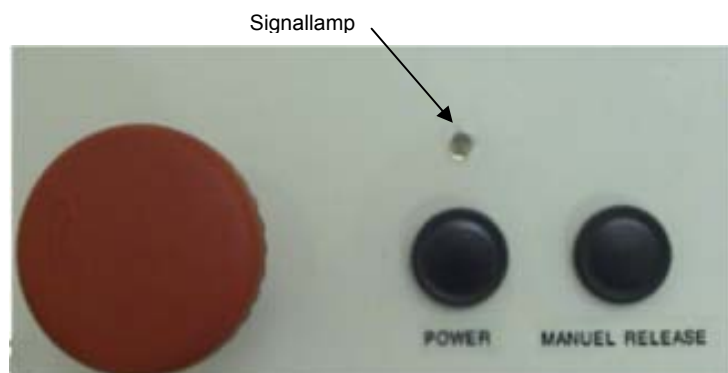
OBS: The lifetime of the battery extends by frequent charging

---

## Operation of all switches:

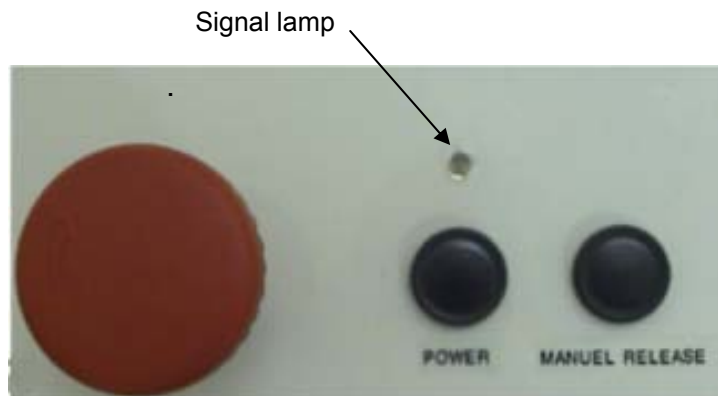
1. Connect the trap to the battery
2. The following switches can be found on the electronics box

- Emergency STOP
- Power
- Manuel release
- Signal lamp



## Starting the trap

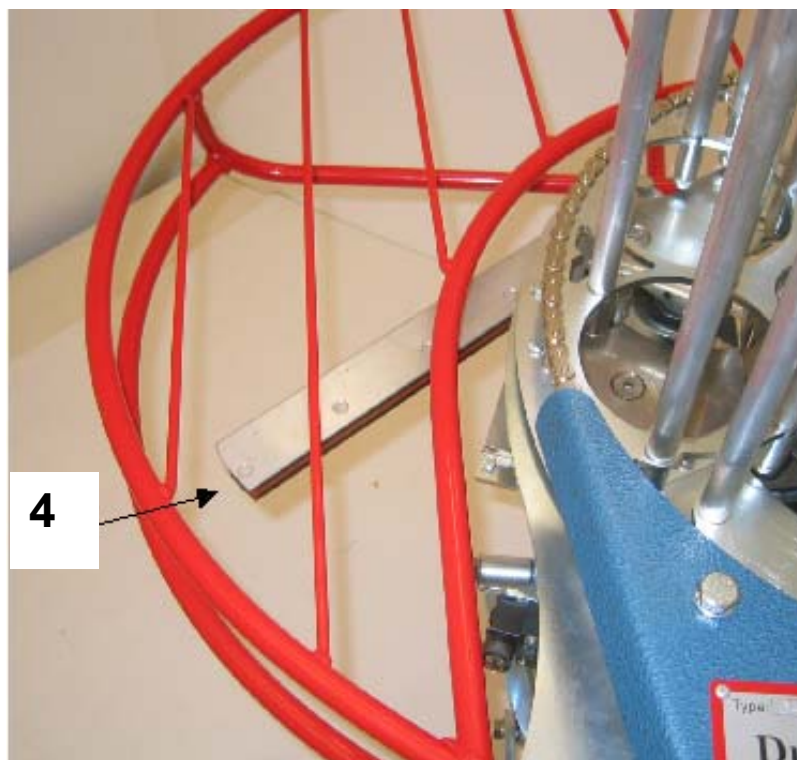
1. **Check** that the launching direction is free.
2. **Check STOP** has not been actuated. If actuated, release the **STOP** turning the red button clockwise.
3. **Push the Power switch**, the signal lamp lights.
4. **Activate the Release button**. The throwing arm moves to loaded position.
5. The Trap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



## 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

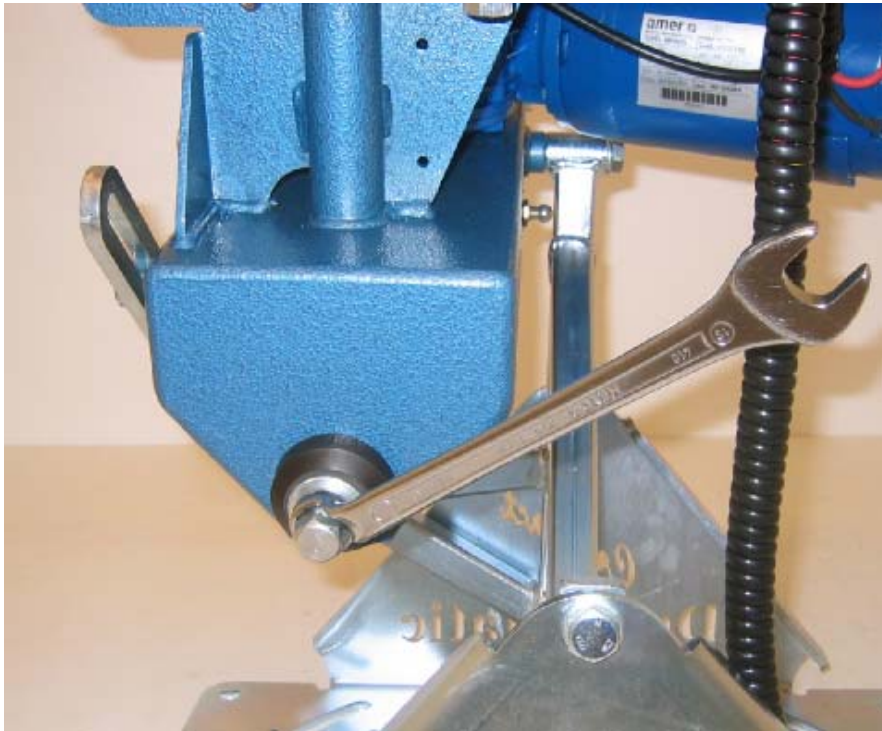
**When trap is unused, it must be unloaded**



## Adjusting the length of launch

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

Adjust the length of the launch with 19 mm spanner



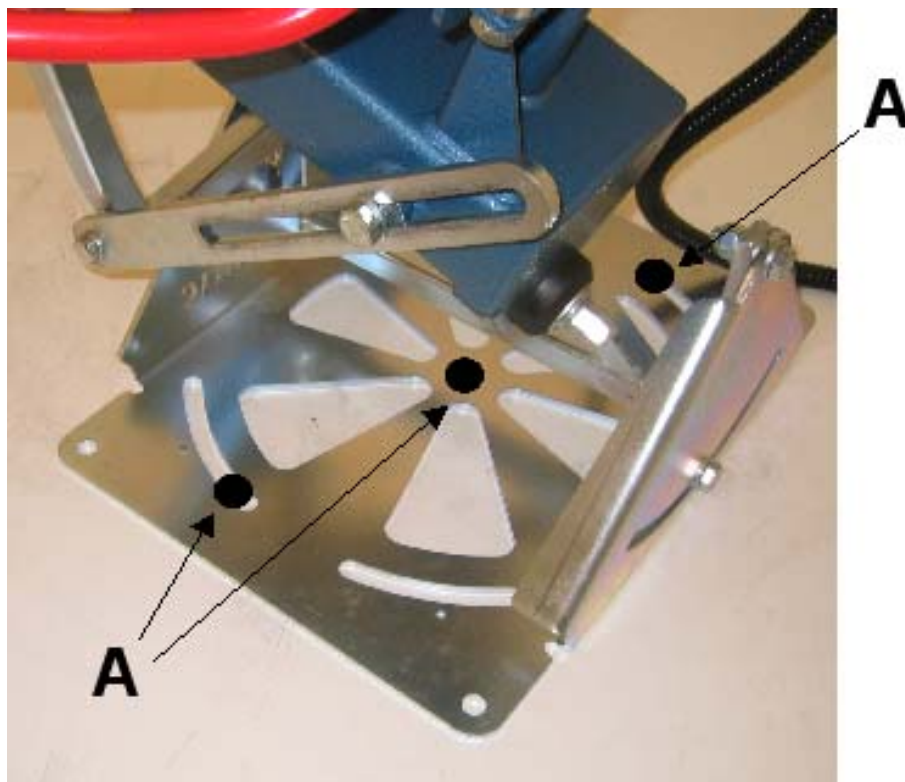
1. Turn right to increase the length of launch to max.
2. Turn left to decrease the length of launch to min.

## Horizontal launch adjusting

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

Changing the direction:

1. Loosen bolt "A" (not included)
2. Turn the machine to correct direktion
3. Remember to tighten bolt "A" after adjustment





## Tilt adjustment (up / down)

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

1. Loosen the bolt "A" with 19 mm spanner
2. Tilt the machine to correct position.

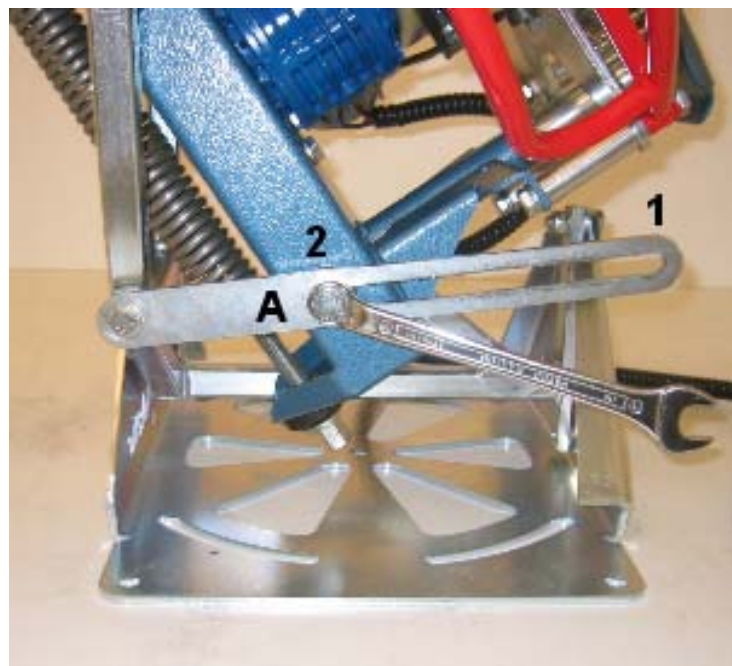


Pos 1: DOWN (- 10°)



Pos 2: UP (60°)

3. Remember to tighten bolt "A" after adjustment

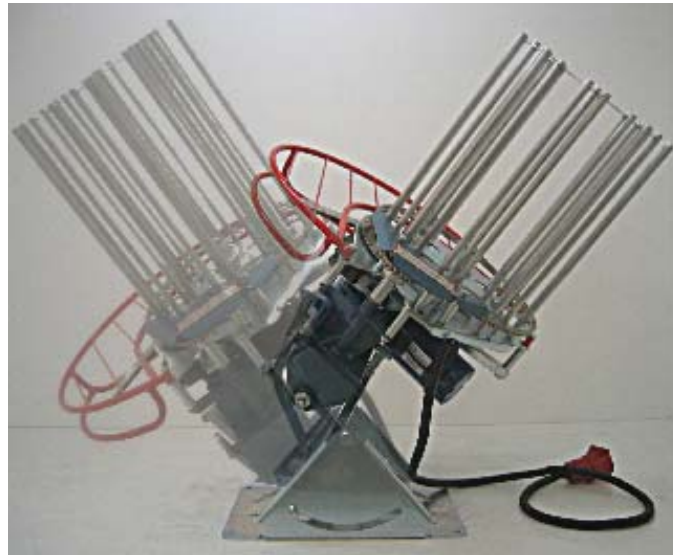


## Tilt adjustment (right / left)

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

1. Loosen the bolt "B" with 19 mm spanner.
2. Tilt the machine to correct position.

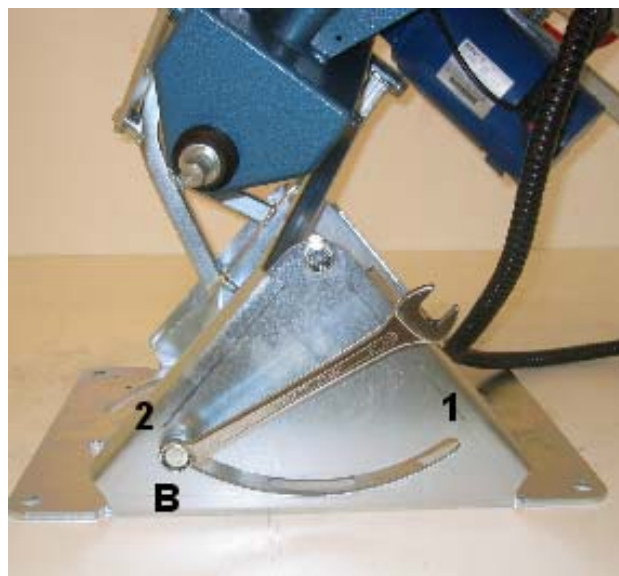
POS 1: LEFT ( 45°)



POS 2: RIGHT (30°)

Back view

3. Remember to tighten bolt "B" after adjustment



Back view

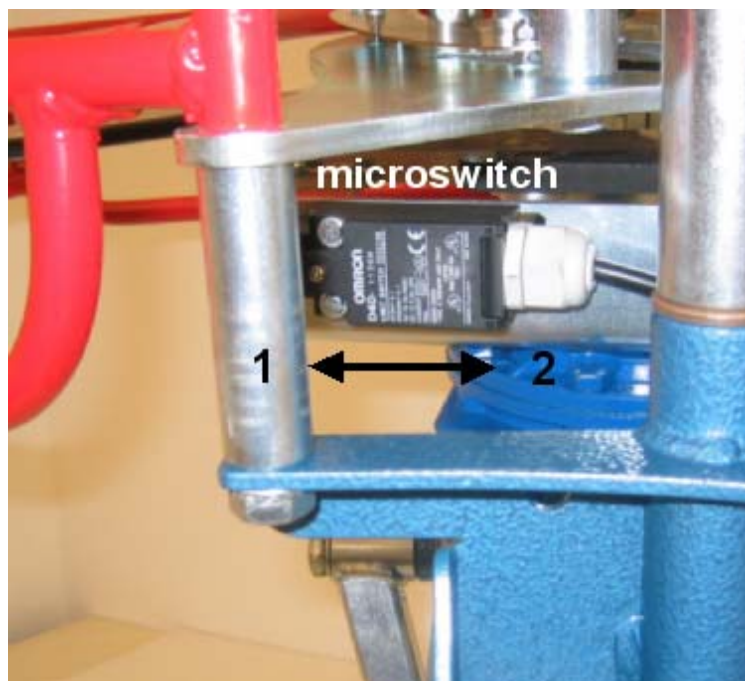
## Adjusting the micro-switch

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

When loaded, the placement of the launching arm is determined by a micro-switch. If it 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.

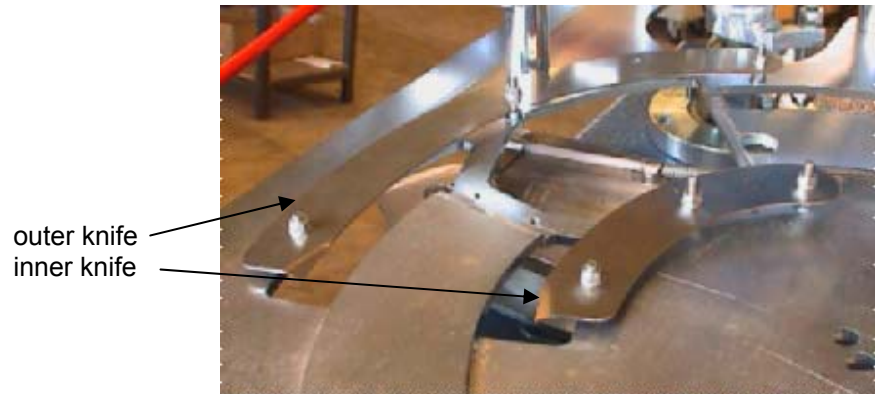
### Correct adjustment of microswitch:

1. The launching arm too far to right, adjust the micro-switch to left.
2. The launching arm too far to left, adjust the micro-switch to right.



## Adjusting target seperator knives.

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

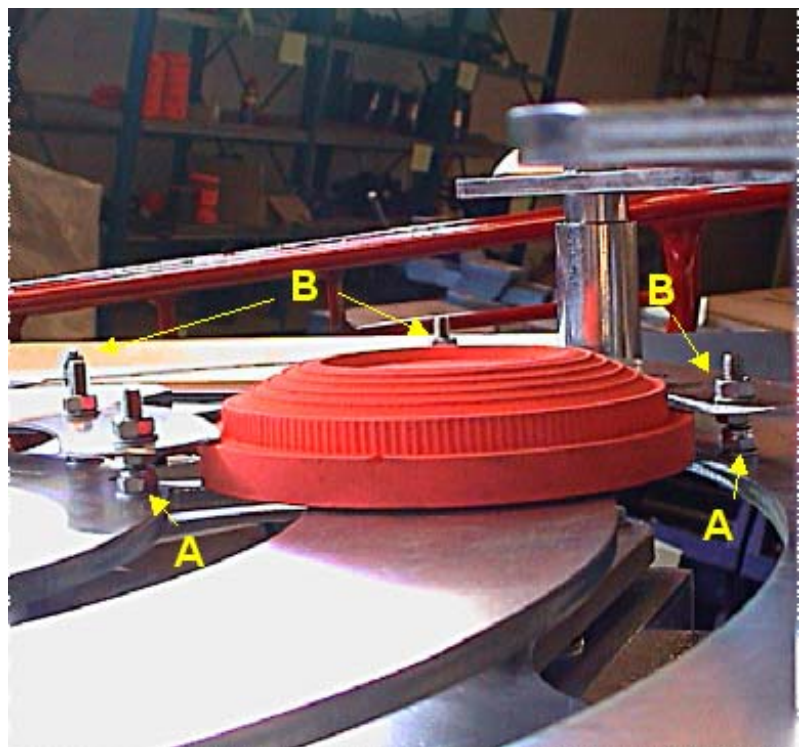


Seperator knives

Adjust knives up/down bolt "A" .  
Use 8 mm spanner.  
Distance between knives and  
target:  
Just a little slice (0,2 mm)

In the outer knife, loosen bolt  
"B" (3 pcs) with 8 mm spanner  
adjust the knife so the targets  
can pass.  
Distance about 1 mm

Remember to tighten the bolts  
"B" after adjustment.



# Due//Matic

## Please note:

The magazine is dismantled 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.*

## Mounting the magazine:

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

\* Fit the chain on magazin. Start on the right side

**IMPORTANT:** Notice position of the two arrows "B"

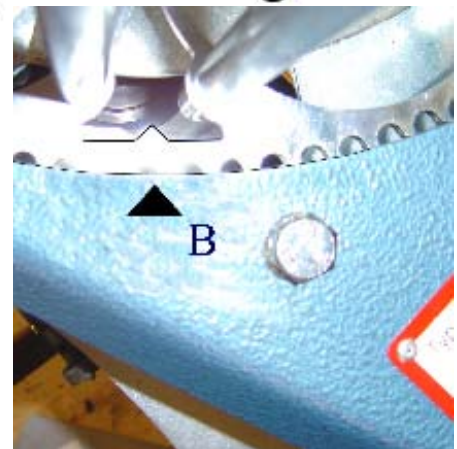
\* Mount the magazine, and tighten bolt "C" underneath with 19 mm spanner.

Fingertighten the chain with "D", and tighten chaintensioner bolt "A" with 17 mm spanner



A

C



B



D

A