

Due//Matic A/S

Operating Instructions Compact 8, Sporting Cart, 230V



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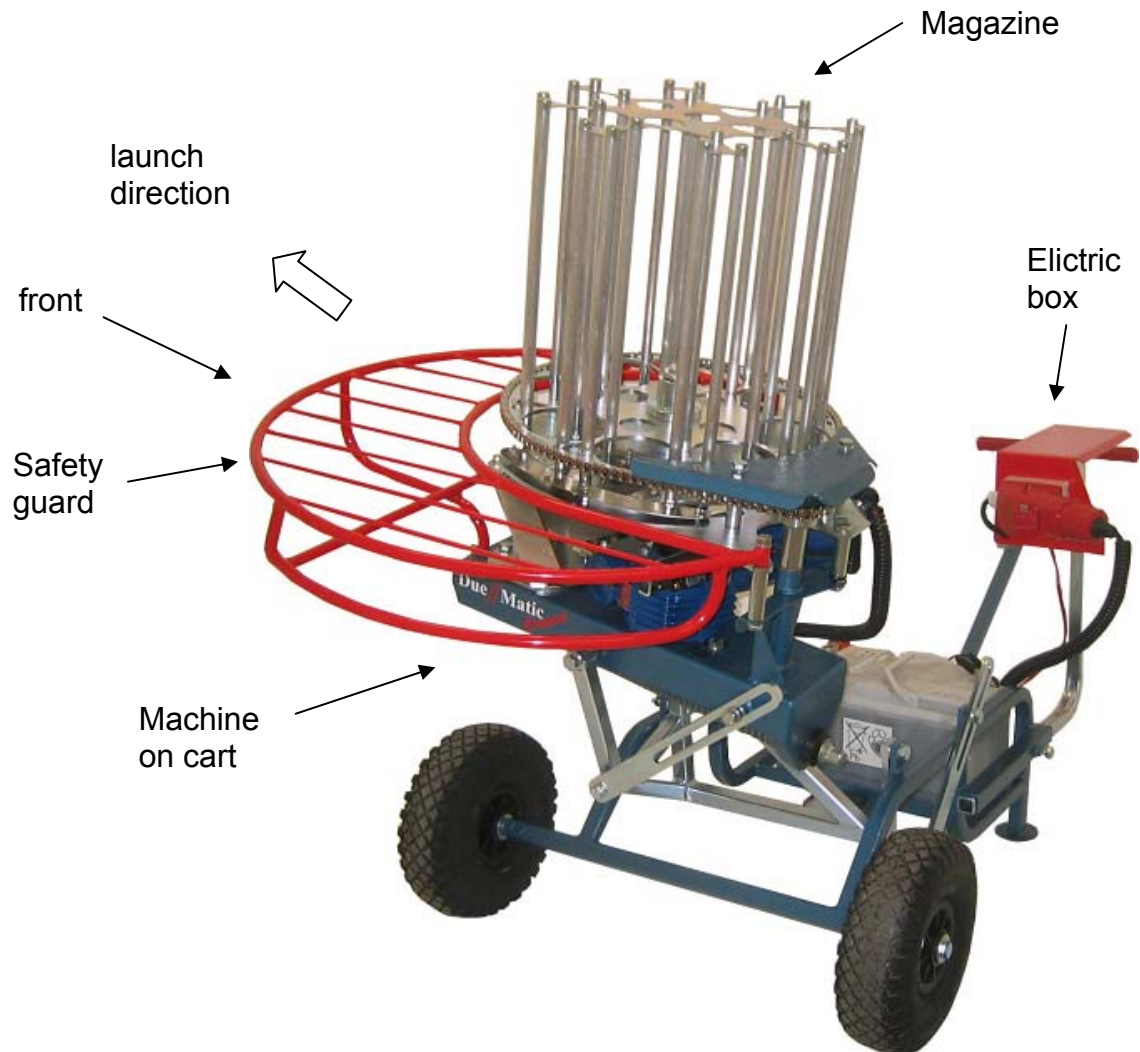
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Electrical diagrams

Assembling the trap

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



3. Mount electric box

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.

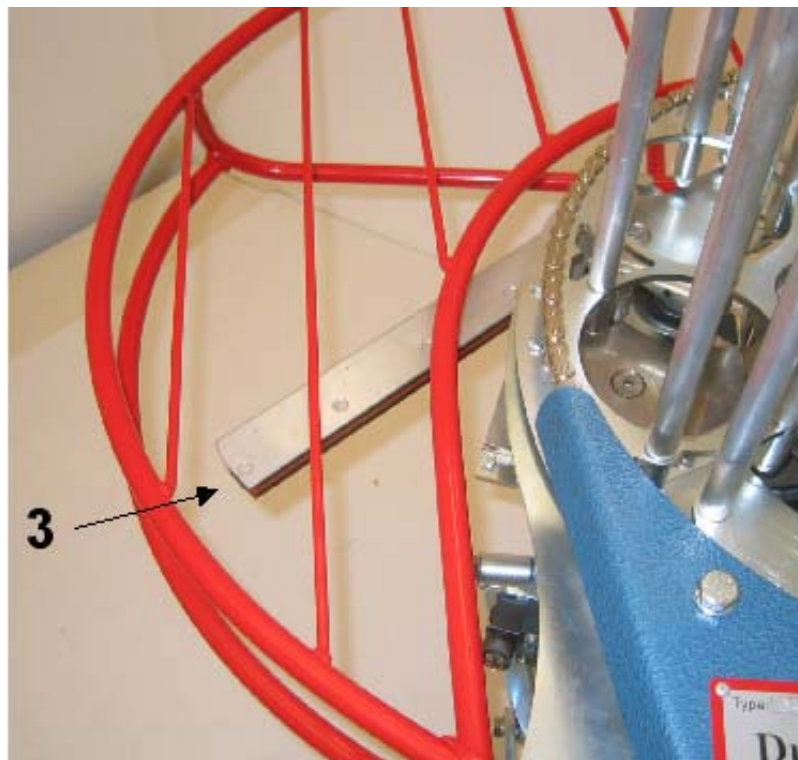
Starting the trap

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



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



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.

Tilt adjustment (up / down)

NOTICE: BY ALL ADJUSTMENT UNLOAD THE MACHINE

1. Loosen the bolt "A" with 19 mm spanner
1. 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.

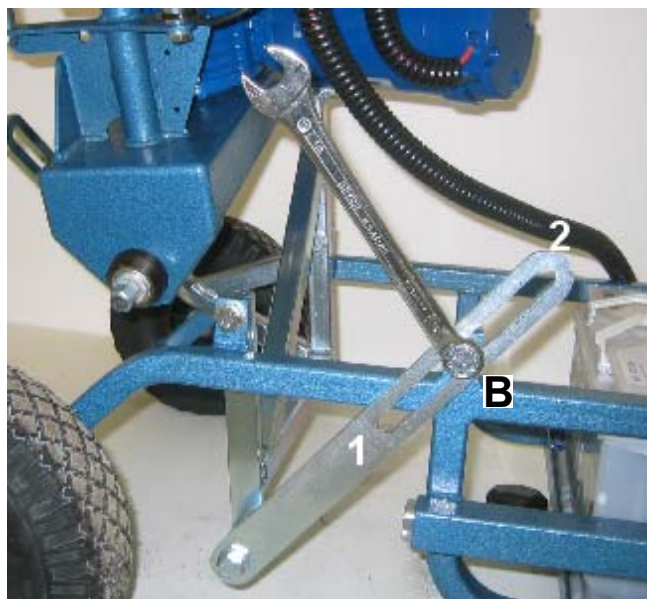
POS 1: LEFT (45⁰)



POS 2: RIGHT (30⁰)

Back view

3. Remember to tighten bolt "B" after adjustment



Back view

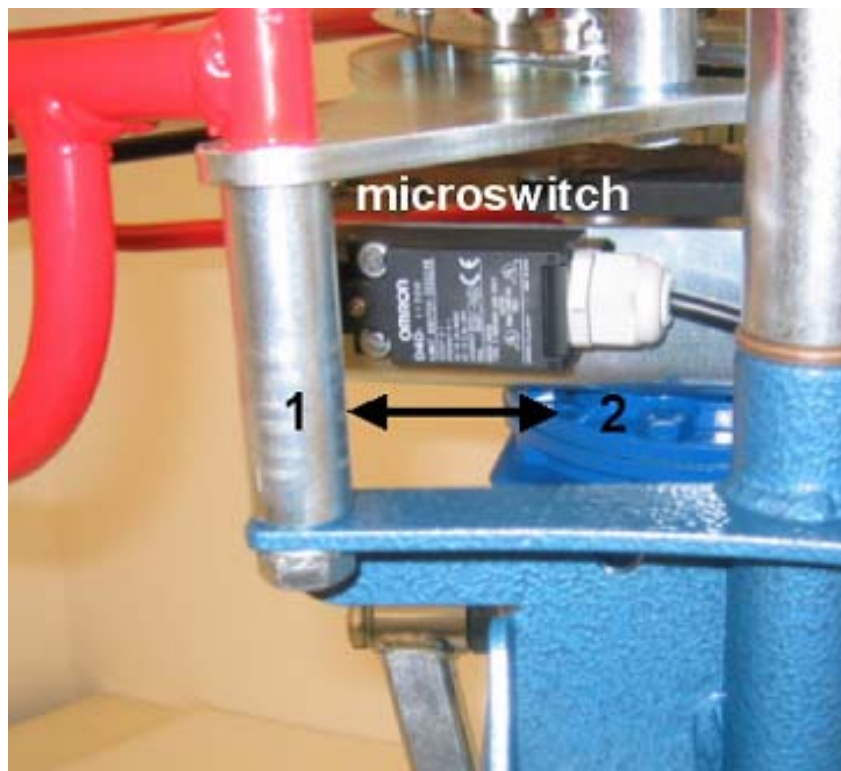
Adjusting the micro-switch

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.

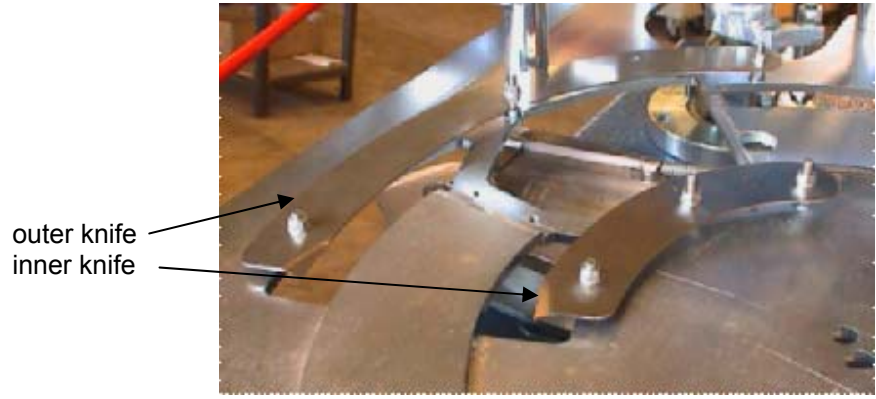
Correct adjustment of microswitch:

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

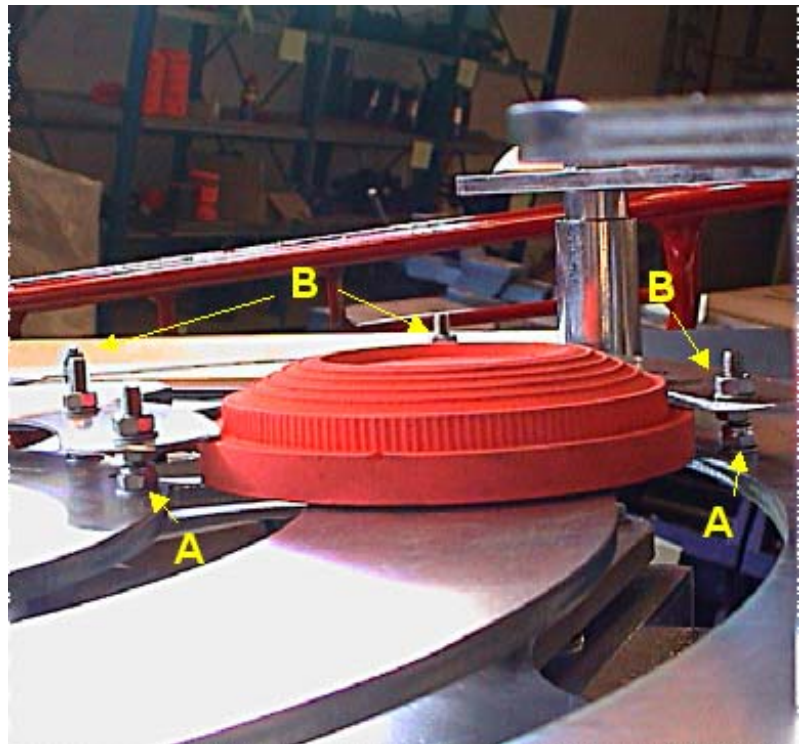


Seperator knives

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.



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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"

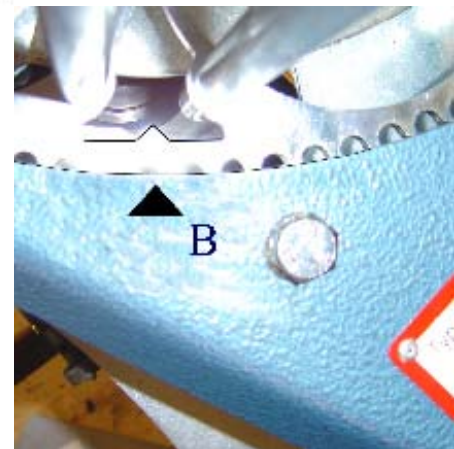
* Mount the magazine, and tighten bolt "C" underneath with 19 mm spanner.

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



A

C



B



A

D