

Due//Matic A/S

Operating Instructions Compact 8, Sporting Cart, 12V



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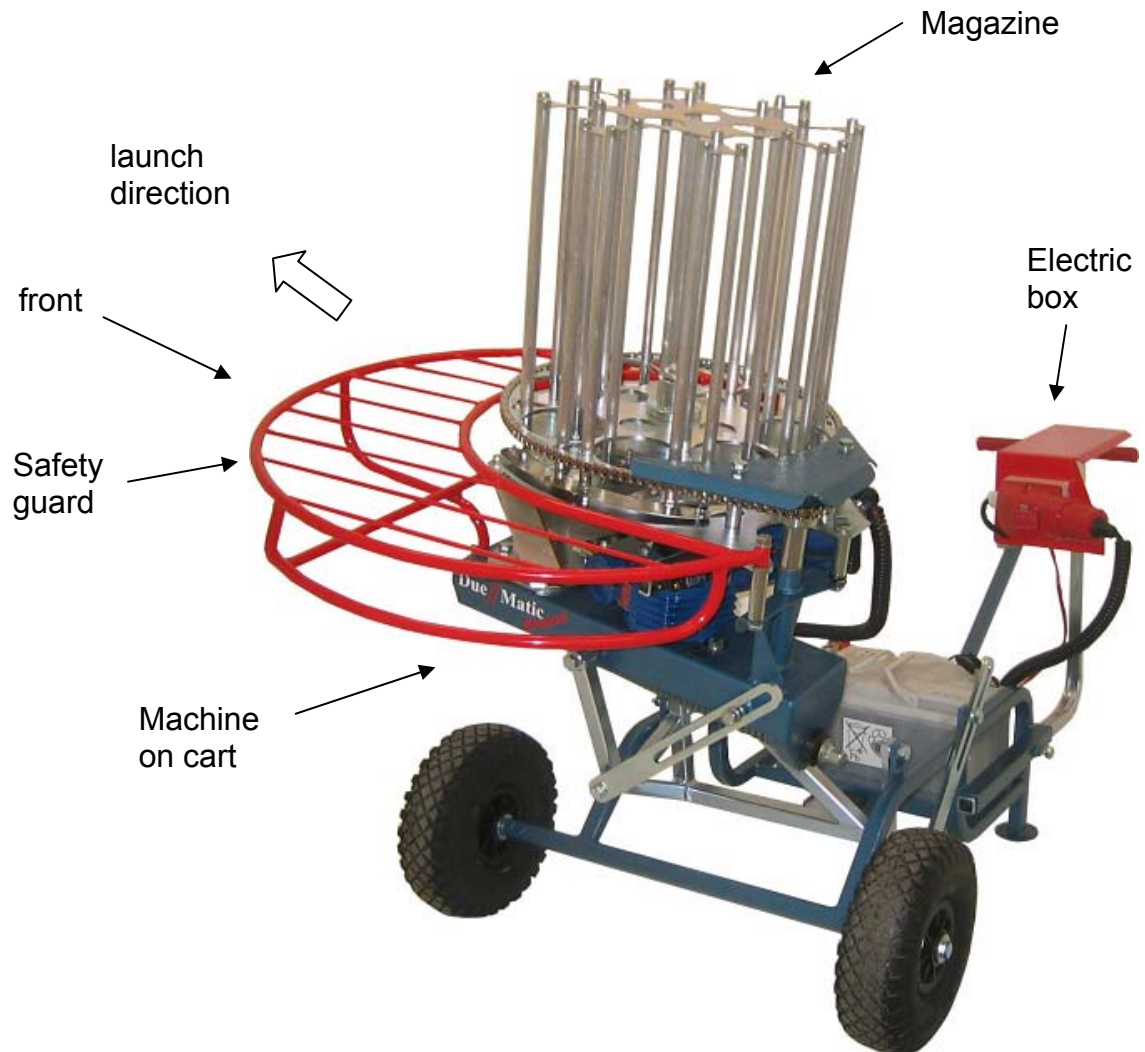
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Electrical diagrams

Assembling the trap

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



3. Mount electric box

Power supply

Supply for
the machine

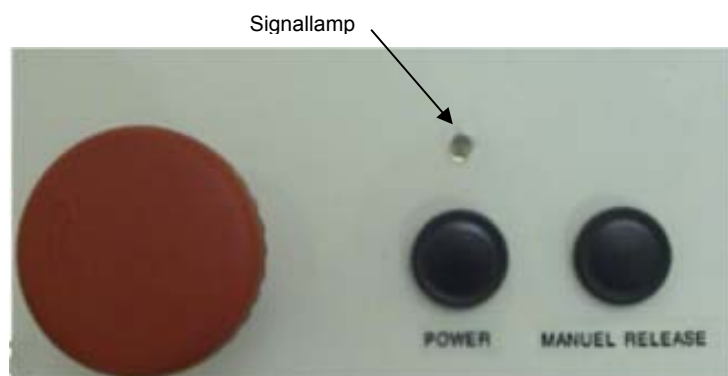
Fuse 30A



Operation of all switches:

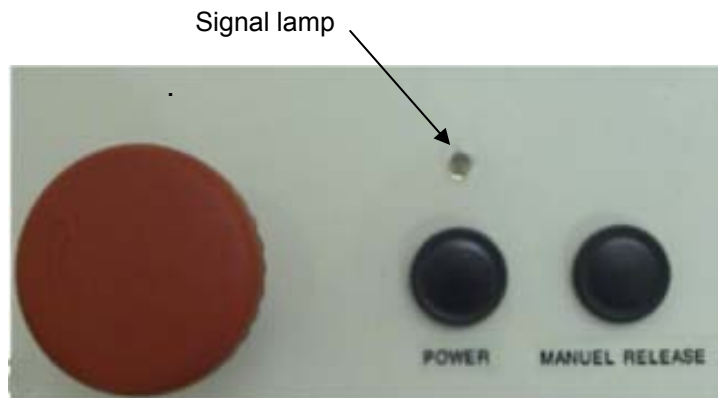
1. Connect the trap to the battery
2. The following switches can be found on the electronics box

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



Starting the trap

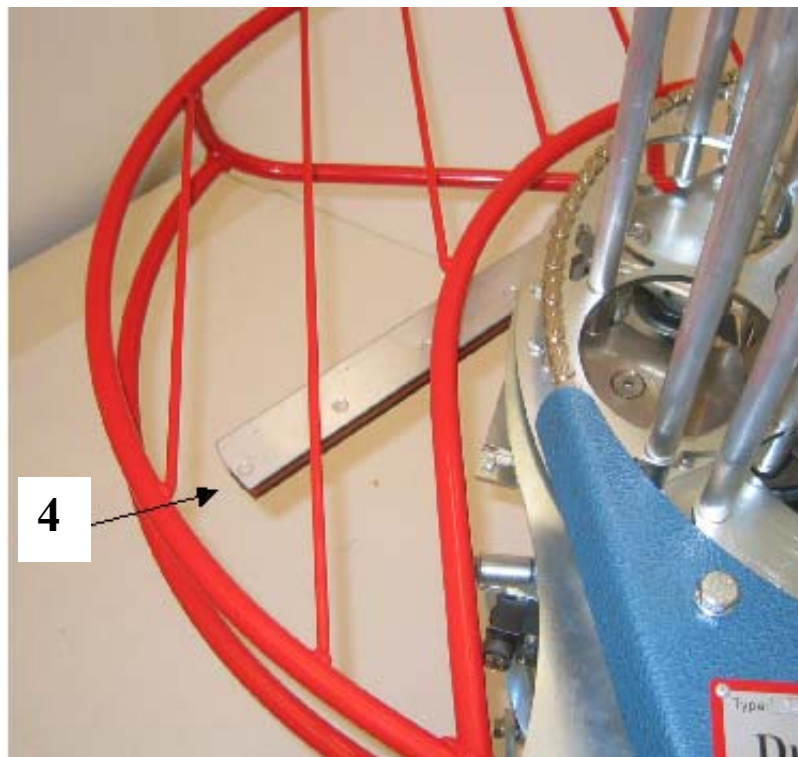
1. **Check** that the launching direction is free.
2. **Check STOP** has not been actuated. If actuated, release the **STOP** turning the red button clockwise.
3. **Push the Power switch**, the signal lamp lights.
4. **Activate the Release button**. The throwing arm moves to loaded position.
5. The Trap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



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.

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

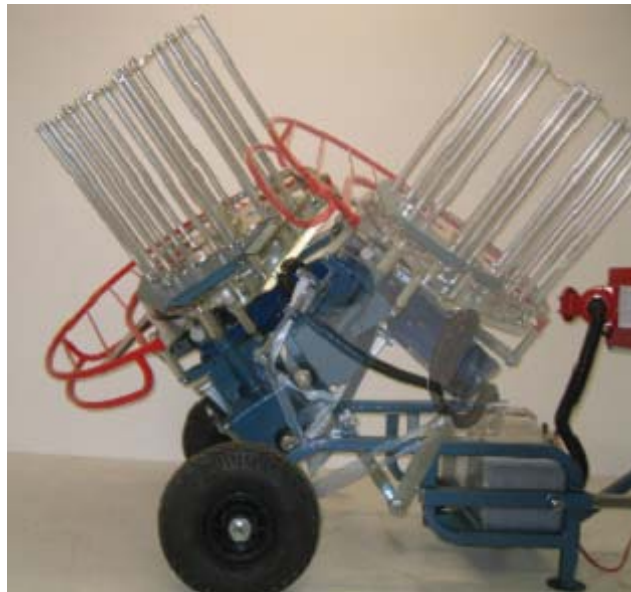


Tilt adjustment (right / left)

NOTICE: BY ALL ADJUSTMENT UNLOAD THE MACHINE

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

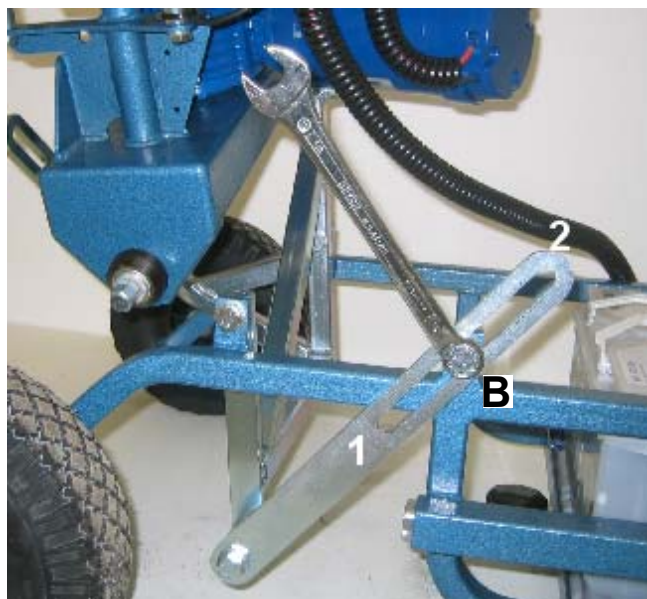
POS 1: LEFT (45⁰)



POS 2: RIGHT (30⁰)

Back view

3. Remember to tighten bolt "B" after adjustment



Back view

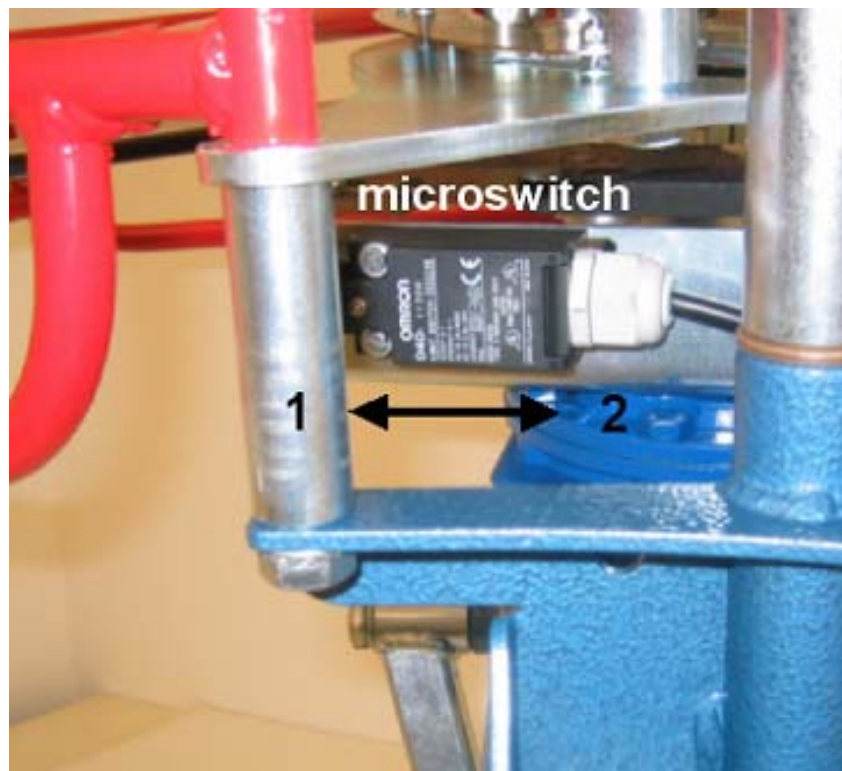
Adjusting the micro-switch

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.

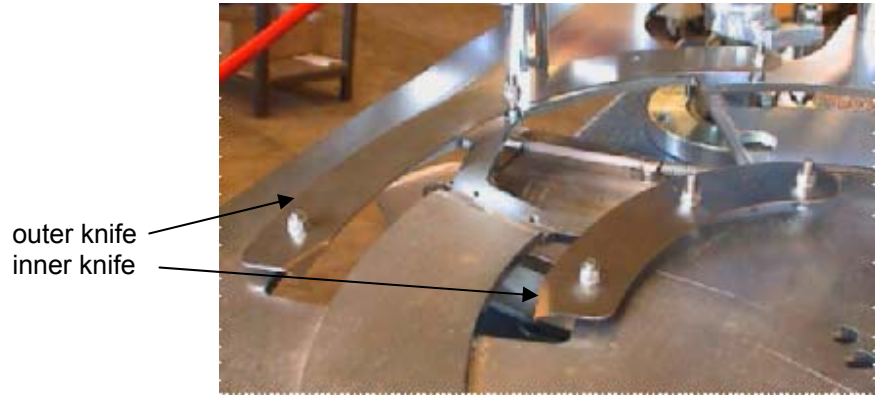
Correct adjustment of microswitch:

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

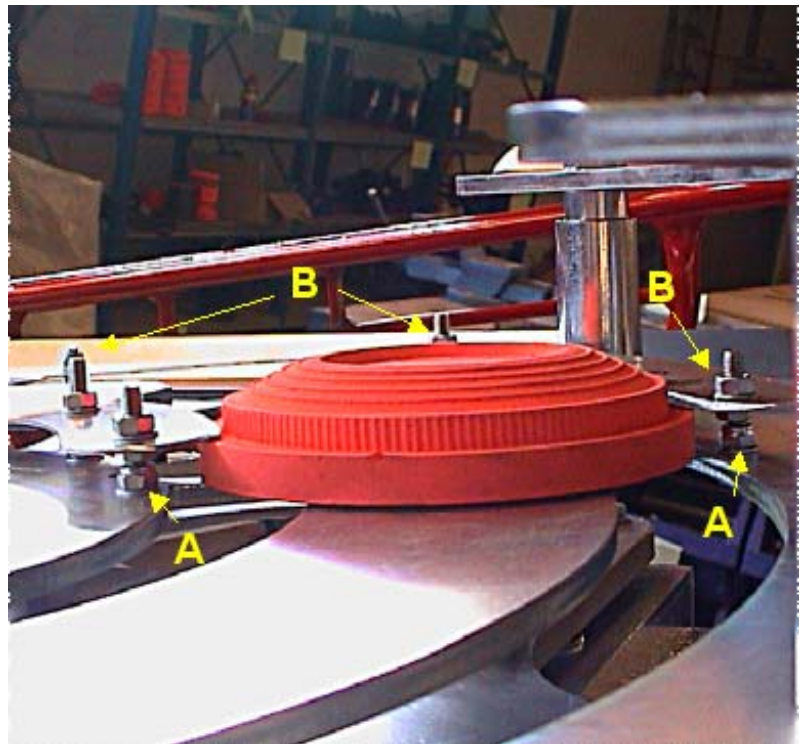


Seperator knives

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"

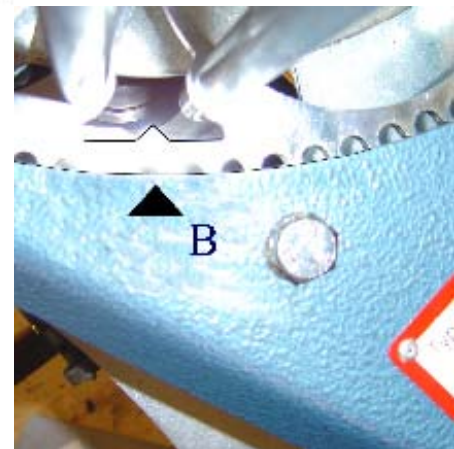
* Mount the magazine, and tighten bolt "C" underneath with 19 mm spanner.

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



A

C



B



A

D