

# Due//Matic A/S

## Compact 12 International Skeet



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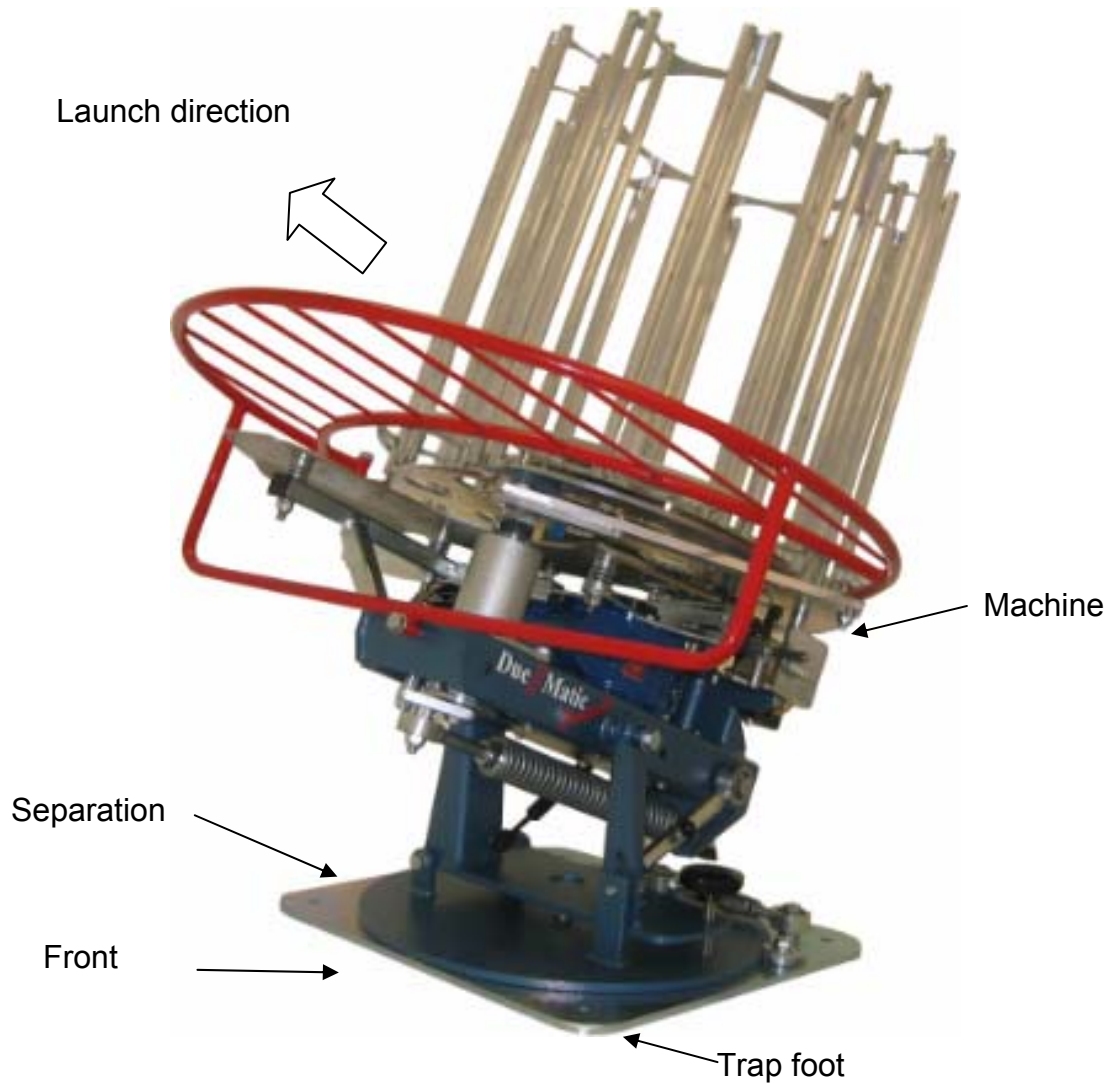
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## Electrical diagrams

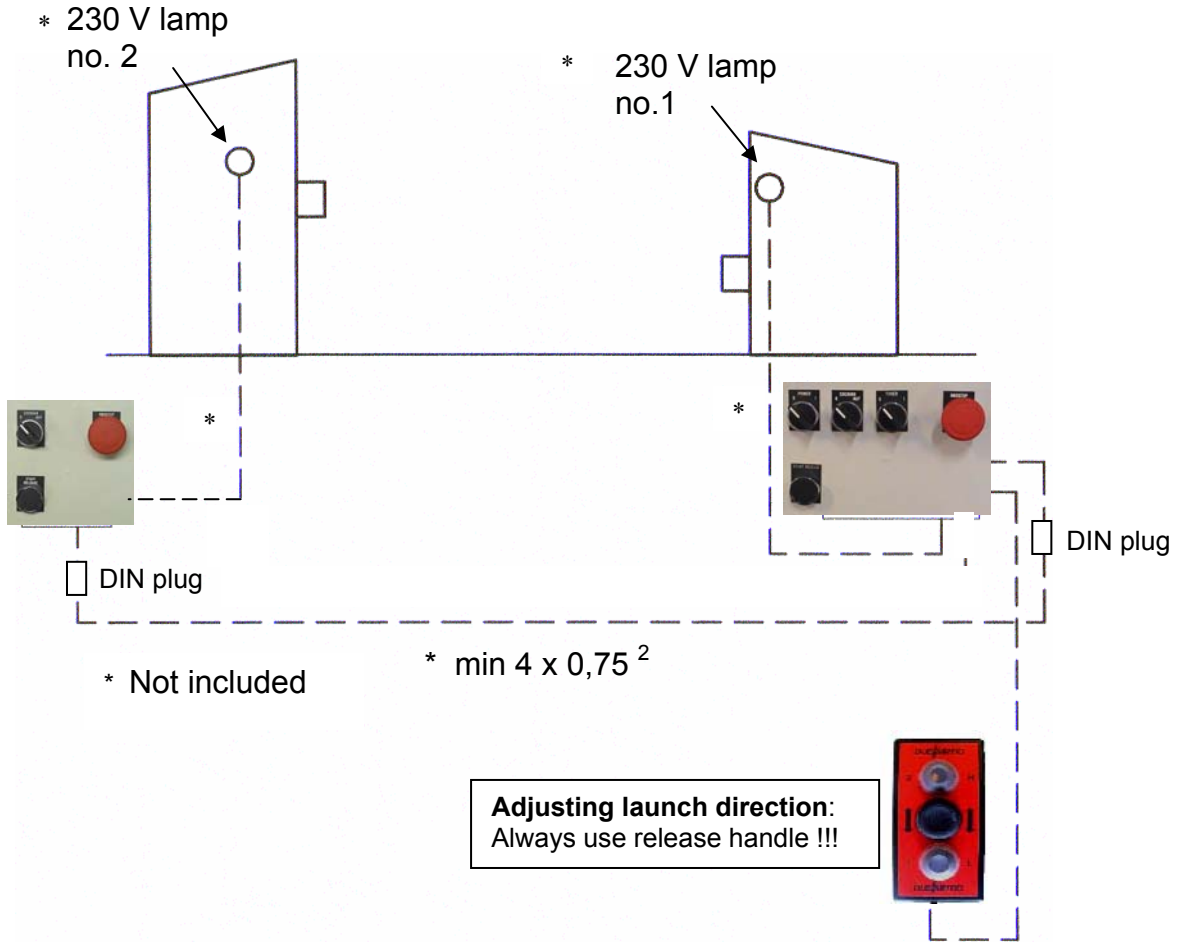
## Assembling the trap

1. Separate the trap into 2 parts
2. Place the foot on the base plate facing the direction in which the clays are to be launched



3. Secure the foot with the angle braces
4. Mount the trap on the foot

## Electronics boxes



## Operation of all switches:

1. Connect the trap to the source of power
2. Check whether the source of power is 115, 230 or 400 volts
3. The following switches can be found on the electronics box
  - A. **POWER** with 2 settings: “0” & “1”  
The trap is turned off when set at “0”  
The trap`s functions are ready when set at “1”
  - B. The **COCKING** switch has two settings “0” & “AUT”  
When set at “0”, the trap operates for the time the “START-RELEASE” button is depressed.  
When set at “AUT”, the trap`s springs tighten when the “START-RELEASE” switch is depressed. The same function can be operated by actuating the pressure switch.
  - C. By pressing the **START-RELEASE** button when “COCKING” function is set in the “0” position, the trap operates only for the time the “START-RELEASE” button is depressed. If the “COCKING” switch is set at “AUT” the trap`s springs tighten in loaded function. The trap is now loaded, and the clays can be launched with the “START-RELEASE” button. The same function can be operated by actuating the pressure switch.
  - D. **TIMER** contact has two positions “0” and “1”  
in position “0”: Skeet without timer and  
position “1”: Skeet with timer.
  - E. **EMERGENCY STOP** if the emergency stop button has been used. Turn the switch to turn on the power.

**Adjusting launch direction:**  
Always use release handle !!!

# Due//Matic

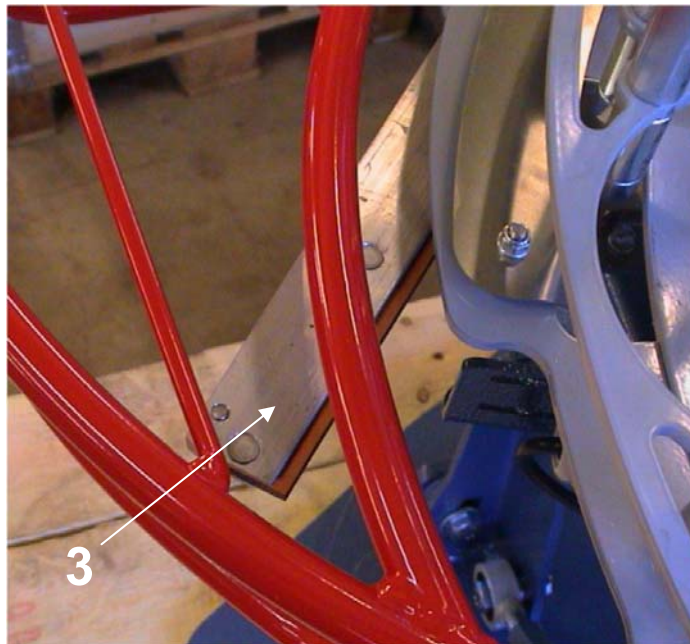
## Starting the trap

1. Check that the direction of launch is clear
2. Connect the pressure switch
3. Check that the "EMERGENCY STOP" button has not been actuated
4. Turn the "POWER" switch to position "1"
5. Turn the "COCKING" switch to the "AUT" position
6. Turn the "TIMER" to position "1" (normal skeet)
7. When the "START-RELEASE" button is depressed, the throwingarm will be placed in cocking position
8. When the "PRESSURE SWITCH" is pressed, a target will be launched



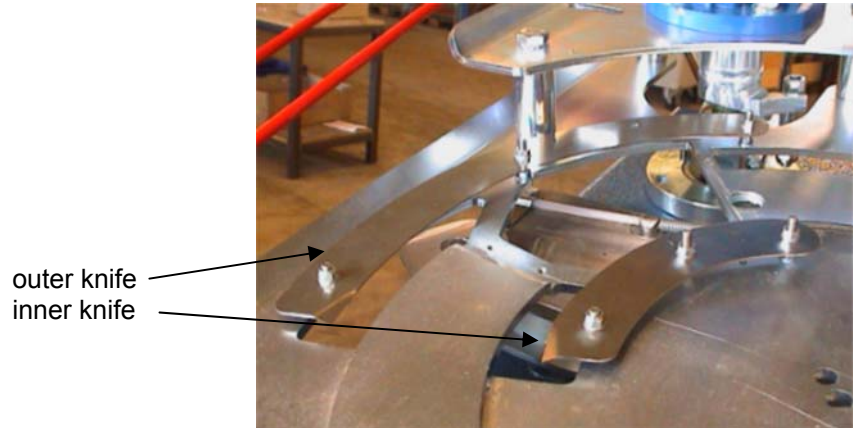
## Unloading and switch off the trap

1. Turn the “COCKING” switch to the “0” position
2. Depress the “START-RELEASE” button and launch a clay
3. The throwing arm will be set in the “original position”
4. Turn the “POWER” switch to the “0” position  
The trap is now switched off



## Adjusting target seperator knives.

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

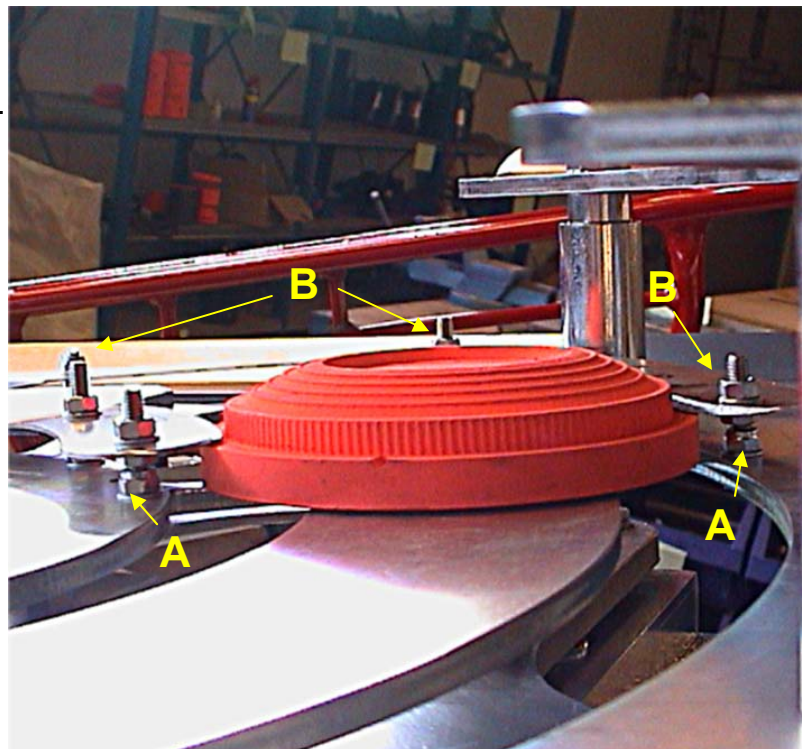


Seperator knives

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.



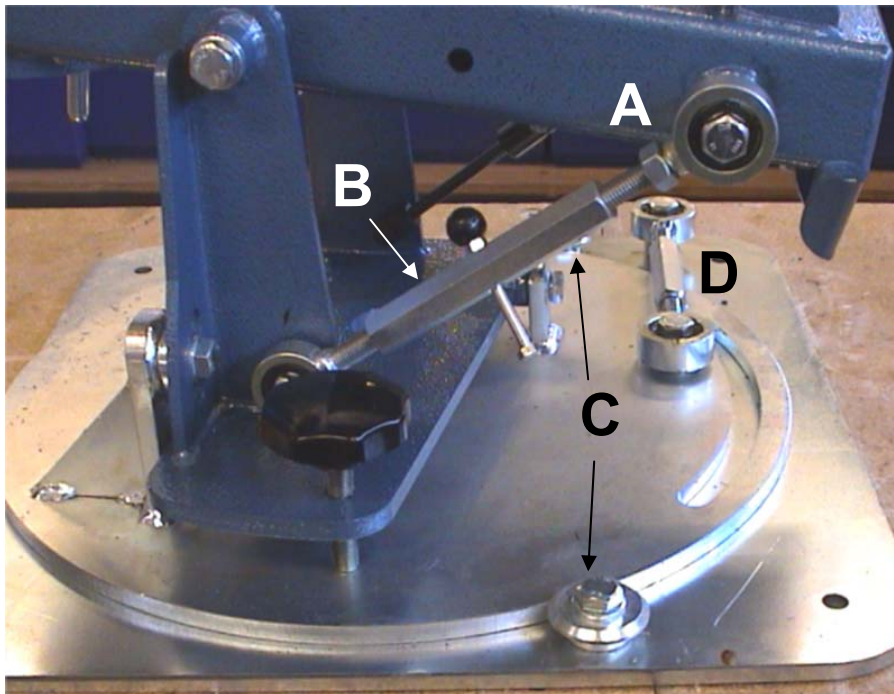


## Vertical- and horizontal launch adjusting

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

Changing the level:

1. Loosen the bolt "A" with 19 mm spanner
2. Adjust spindel "B" to correct level
3. Remember to tighten bolt "A" after adjustment

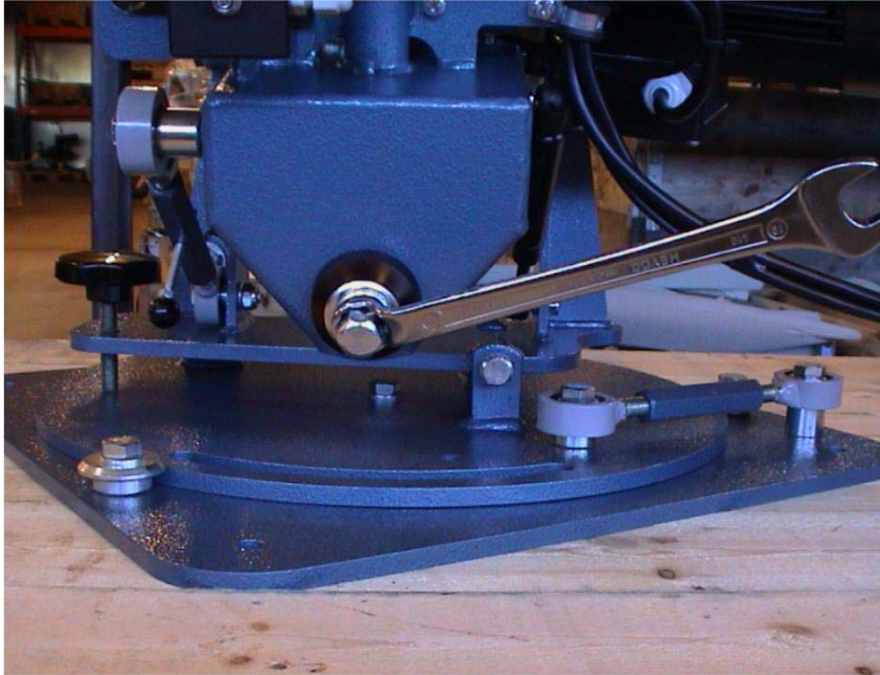


Changing the direction:

4. Loosen bolt "C" with 19 mm spanner
5. Adjust spindel "D" to correct direction with 19 mm spanner
6. Remember to tighten bolt "C" after adjustment

## Adjusting the length of the launch

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



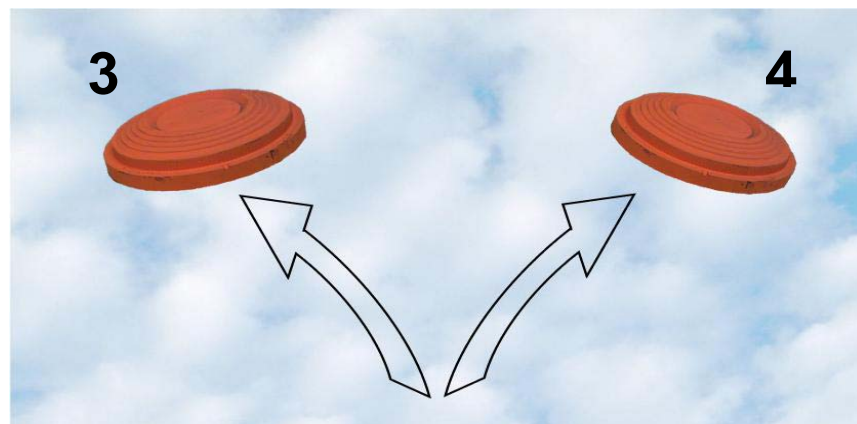
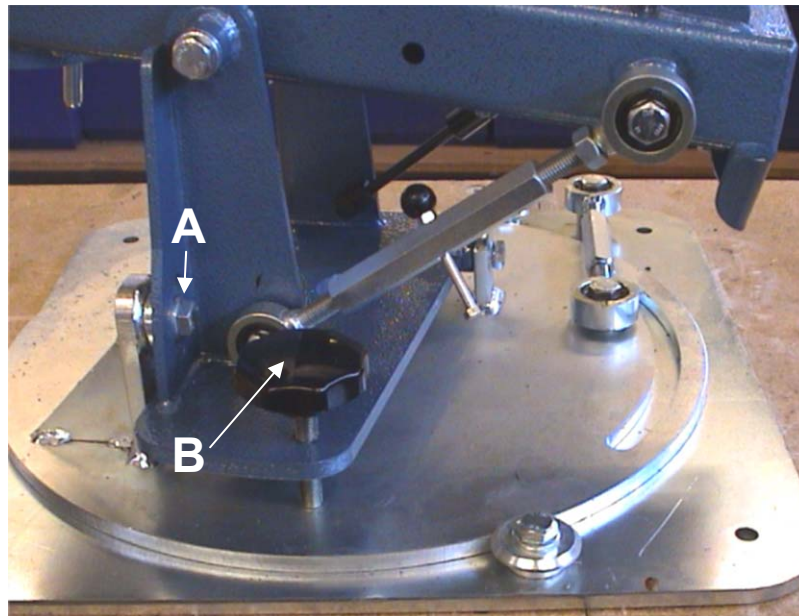
1. Adjust the length of the launch with 19 mm spanner
2. Turn to the right to increase the length of launch
3. Turn to the left to decrease the length of launch

## Capsize adjustment (if the targets capsizes in the air)

### NOTICE: BY ALL ADJUSTMENT UNLOAD THE MACHINE

1. Loosen the bolt "A" with 19 mm spanner
2. Adjust the handle "B" to the right or to the left
3. If the target capsizes left, turn the handle clockwise until the clay lies straight in the air
4. If the target capsizes right, turn the handle anti-clockwise

Remember to tighten bolt "A" after adjustment



## 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 the micro-switch 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

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
3. Correct setting of the micro-switch

