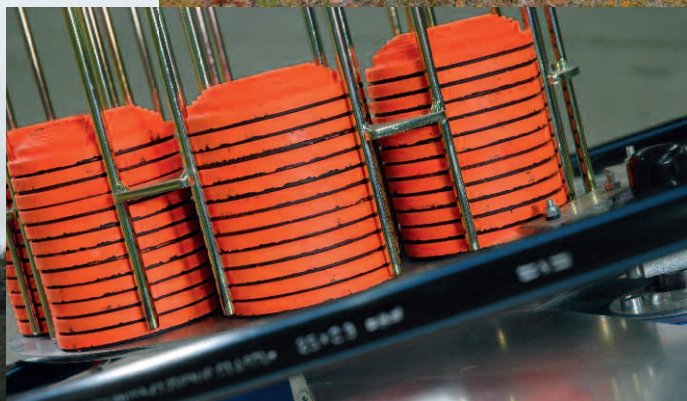




## Superior Clay Target Launchers that will take clay target shooting to the highest level.

Among shooters worldwide, Beomat is the ultimate machine in terms of high quality and dependability. For over forty years marksmen, hunters and recreational shooters alike prefer the Beomat target launchers.



Fast rotation of the target gives a reliable launch.

Marksman

Affordable models for everyone who wants to shoot clay targets.

Hunter

Trap • Skeet • Sporting • Teal • Rabbit • Hobby

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# When happiness is a direct hit

Anyone who shoots clay targets knows how annoying it can be when a launcher doesn't perform as it should. We all know how frustrating it is to get a broken target time after time.

For over forty years, we have developed our target launchers to meet the highest demands from shooters. No matter if it is hobby shooting with friends, practicing with the hunting team or competing at the highest elite levels our target launchers hit the mark.

In order so that more people may have the opportunity to shoot clay pigeons, we have developed two very affordable basic models, the Brage and the Balder. They are suitable for event facilities, hunting teams and recreational shooters. The target launchers are characterized by high quality at very competitive prices. Target launchers may also be rented or leased at reasonable rates.

Overall, the Beomat target launchers will give the enthusiast a more realistic shooting experience. From a steady launch, maximum rotation targets, resulting in just clean hits.





# Built for reliable launches year after year

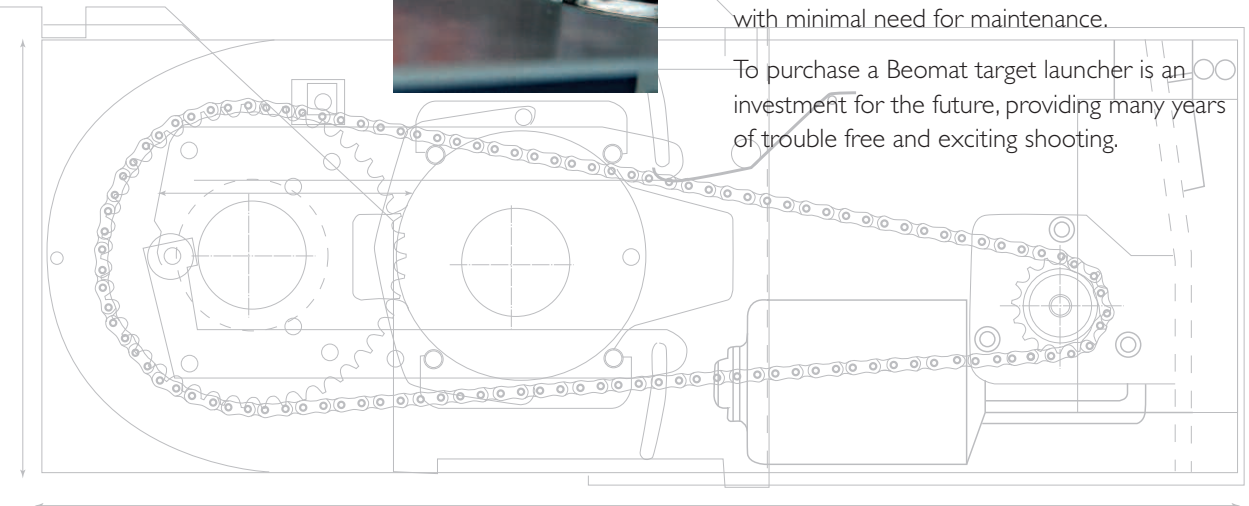


Over the years, Beomat has been influential in the development of reliable traps for all forms of shooting. No matter what model, all the machines are based on well-proven technology that carefully places the target on the launch table and the balanced launching arm provides the perfect launch. In fact, if the trap boys loading the machine are handling the targets as gently as the machine does, you'll never see a broken target.

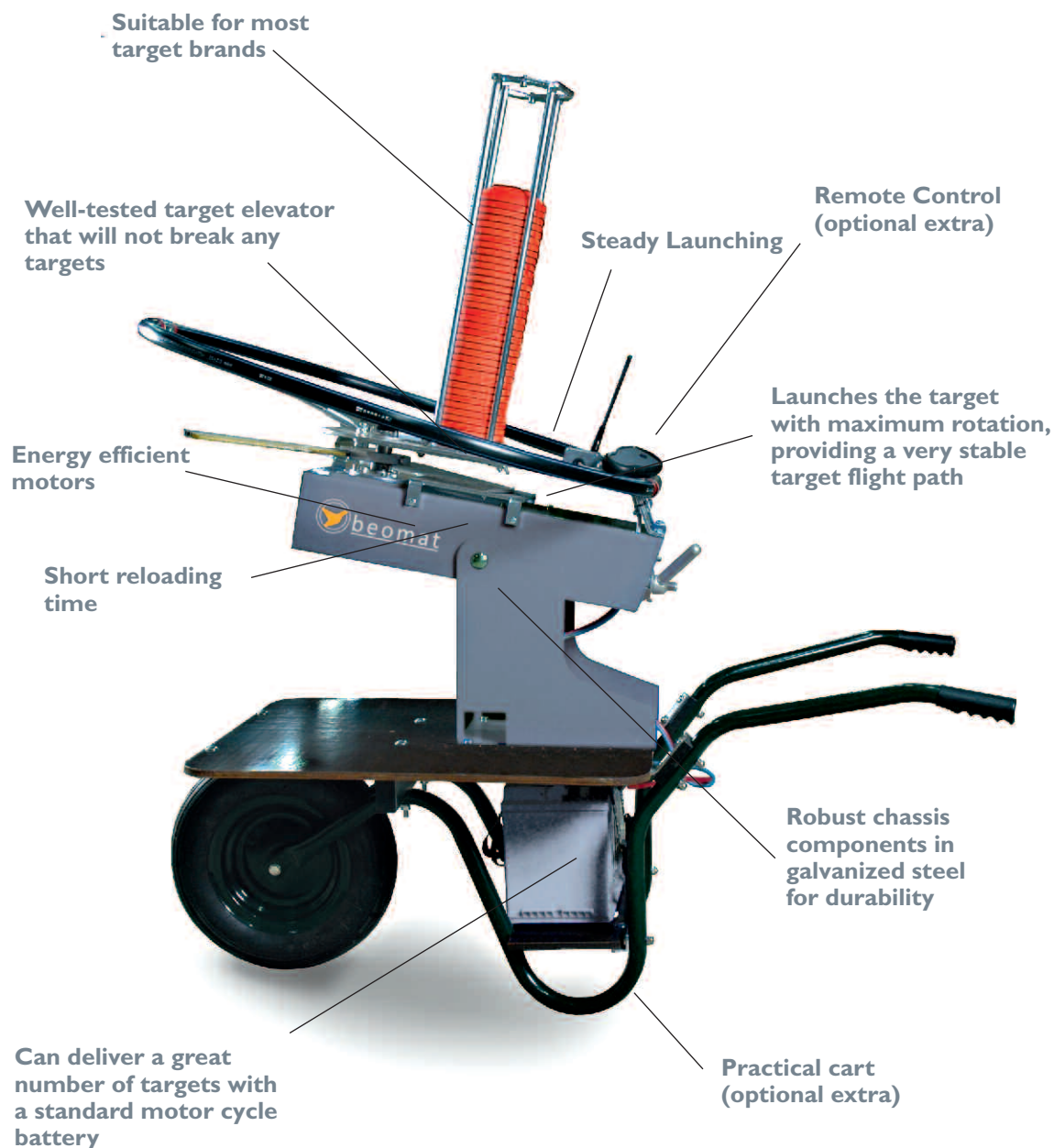
All models are built to a very high level of quality, where each component is carefully developed with specifically chosen materials to provide optimum reliability even under the harshest conditions. Vulnerable components for example, are made of high strength steel, which saves weight and increases durability. To withstand weathering, the components are also galvanized. Reasonably well cared for, the target launchers will operate without problems year after year with minimal need for maintenance.

To purchase a Beomat target launcher is an investment for the future, providing many years of trouble free and exciting shooting.

QUALITY  
LAUNCHERS



## Convincing reasons for choosing a target launcher from Beomat





# Affordable launchers for everyone who likes clay target shooting



Brage and Balder are two of our launchers that we developed to give more shooters the opportunity to discover the excitement that comes with clay target shooting or to practice techniques.

The characteristic for both Balder and Brage is a very affordable price, and a quality that normally would be found in much more expensive machines. The reasonable price also makes it possible for smaller clubs and groups to acquire a quality trap.

Energy efficient motors providing a large number of targets launched, even with a standard 12V motor cycle battery. The traps are light and easy to transport. They are also available in a number of different versions, which makes them suitable for a number of various forms of sport shooting.

*In the Brage and Balder series there are traps for:*

- Hunters and Hunting teams wanting to practise their shooting abilities for a specific hunting situation.
- Clubs who arrange hunting trails, recreational shooting or to supplement their sport shooting facilities.
- Conference facilities and experience organizers who want to give their customers a new and exciting action sport.
- Recreational Shooters who want opportunities for target shooting without limitations.

## Brage 60

Great 12V trap, perfect for the recreational shooters, hunting teams and smaller clubs alike. Very easy to transport, as its weight is only 32 kg, you can also remove the magazine.

- The machine will launch great targets even at short distances, which also makes it suitable for a beginner.
- Target trajectories may be set up to a 50 degrees inclination
- Energy efficient motor.
- Target flight distance adjustable to between 40-80 meters.
- The magazine will hold 60 targets.

Optional, is a motor/drive unit for horizontal oscillation.



Brage 60

## Brage 60 Mini

Trap suitable for mini clay targets.

## Brage 60 Midi

Trap suitable for midi clay targets.

## Brage 60 Battue

Trap for Battue targets.

- Has lateral tilt to enable variation in the launch trajectory.
- The magazine holds 100 targets.
- Up to 30 degrees of target inclination.

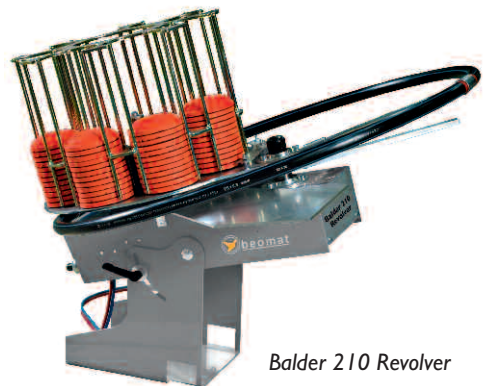


## Balder 210 Revolver

A very smooth trap with a rotating magazine, and a target capacity of 216 clays suitable for recreational shooters, hunting teams and small clubs. The machine will launch great targets even at short trajectories, which makes it suitable for beginners.

- May be set to a target inclination/trajectory of up to 50 degrees.
- Energy efficient.
- Target distance adjustable to between 40-80 meters.
- The magazine will hold 216 Targets.

Optional extra, is a motor/drive unit for lateral oscillation.



Balder 210 Revolver

## Balder 210 Revolver Mini

Trap for mini clay targets.

## Balder 210 Revolver Midi

Trap for midi clay targets.

## Balder 210 Revolver Rabbit

A trap that will roll out clay targets or launch targets at a low angle, which will give a bouncing target to illustrate a rabbit. You choose the target speed, as it is easy to adjust.

## Balder 210 Revolver Teal

A trap that will launch standard clay targets straight up. Also adjustable to lower angles.



*Balder 210 Revolver Teal*

## Brage

	Brage 60	Brage 60 Mini	Brage 60 Midi	Brage 60 Battue
Target capacity	60	60	60	100
Launch distance	40-80 m 131-202 feet	40-80 m 131-202 feet	40-80 m 131-202 feet	30-60 m 98-197 feet
Launch angle	-5-50°	-5-50°	-5-30°	-5-10°
Re-load time	1.5 sec	1.5 sec	1.5 sec	1.5 sec
Release control, std	cable, 15 m cable, 50 feet	cable, 15 m cable, 50 feet	cable, 15 m cable, 50 feet	cable, 15 m cable, 50 feet
Height	102 cm 40 inch	102 cm 40 inch	102 cm 40 inch	102 cm 40 inch
Length	66 cm 26 inch	66 cm 26 inch	66 cm 26 inch	66 cm 26 inch
Width	66 cm 26 inch	66 cm 26 inch	66 cm 26 inch	66 cm 26 inch
Power	12V	12V	12V	12V
Weight	32 kg 71 lbs	32 kg 71 lbs	32 kg 71 lbs	32 kg 71 lbs



# Balder

	Balder 210 Revolver	Balder 210 Revolver Mini	Balder 210 Revolver Midi	Balder 210 Revolver Rabbit	Balder 210 Revolver Teal
Target capacity	216	216	216	216	216
Launch distance	40-80 m 131-202 feet	40-80 m 131-202 feet	40-80 m 131-202 feet		
Launch angle	-5-50°	-5-50°	-5-30°	0-15°	50-90°
Re-load time	1.5 sec	1.5 sec	1.5 sec	1.5 sec	1.5 sec
Release control, std	cable, 15 m cable, 50 feet	cable, 15 m cable, 50 feet	cable, 15 m cable, 50 feet	cable, 15 m cable, 50 feet	cable, 15 m cable, 50 feet
Height	80 cm 31 inch	80 cm 31 inch	80 cm 31 inch	100 cm 39 inch	100 cm 39 inch
Length	66 cm 26 inch	66 cm 26 inch	66 cm 26 inch	70 cm 28 inch	70 cm 28 inch
Width	66 cm 26 inch	66 cm 26 inch	66 cm 26 inch	55 cm 22 inch	55 cm 22 inch
Power	12V	12V	12V	12V	12V
Weight	46 kg 100 l lbs	46 kg 101 lbs	46 kg 101 lbs	53 kg 117 lbs	53 kg 117 lbs

## Practise your shooting for the next hunting event

Especially for the hunter, we have developed a trap which gives a natural game "escape". A perfect way of target practice for the upcoming hunting season.

## Rent or lease a clay target launcher at a reasonable rate

A great alternative for everyone who does not want to invest in their own trap is to rent or lease one at a favorable rate. Contact us for further information.

## Professional service and maintenance

When the season is over, it's a good idea to prepare for the next. So let us give your machine a professional service and let it be ready for carefree shooting and many happy moments on the field.



# Professional traps for competition and the Pro's

TRAP  
FOR  
COMPETITION



Since the beginning of the company, Beomat has developed and manufactured clay target launchers for competition. Over the years the machines have been well tested in the shooting fields and found to meet the highest demands from professionals all over the world.

The launchers have well-tested elevators, that will carefully place the target on the launch table; in fact, it your trap boys handles the target as delicately as the machine does – you'll hardly ever see a broken target. Together with a well balanced launching arm, it will nearly completely eliminate target breakage, and also give the target maximum rotation. The target will rotate one full turn per 12 inches of travel – this equates to a spin rate of 4136 turns per minute or 69 turns per second at a speed of 47 miles per hour which is the speed of an American skeet target. Finally, as a comparison and referring to ice hockey, the Beomat machine executes a drag shot as opposed to a slap shot.

Beomat has advanced launchers for all types of competitions and every machine can be adapted to specific requirements.

*In our repertoire of professional launchers there are:*

- Trap
- Double Trap
- Olympic Trap
- Automatic/  
Continental Trap
- Skeet
- Sporting
- Teal
- Battue
- Rabbit



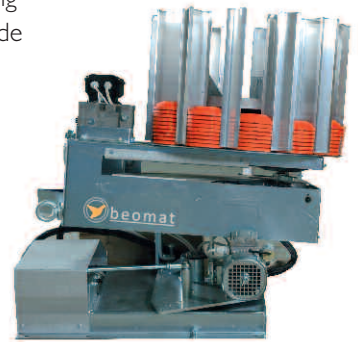
# Traps for the game of Trap Shooting

## Tor MT 400 Automatic/Continental Trap (110 V, 230 V, 380 V)

Trap with horizontal and vertical movement motors and a magazine holding 400 targets, delivered with a separate control box, to be installed in a trap bunker. The launchers are built using well-tested components, and by using electronics with programmable multi-relays the following features are made possible.

- Timer feature, which can be set to delayed or instant release.
- Automatic random and unreadable horizontal movement, with the option to switch to manual setting.
- Unreadable vertical movement. Simple manual adjustment for standard/Nordic trap.
- Motor saver: All Heavy Duty Beomat machines are equipped with sleep mode, which means saving on electricity as well as wear on motors and gears.
- Starts and launches the target immediately after pushing the trigger.
- Built-in counter.
- Last target may be released from the control box.
- Re-loading time (2.0 seconds).

The trap is intended for Automatic/Continental Trap with a launch trajectory of 80 m, but can easily be adjusted to standard trap just by change of the main spring, and adjustment of the vertical motor to the desired launch angle.

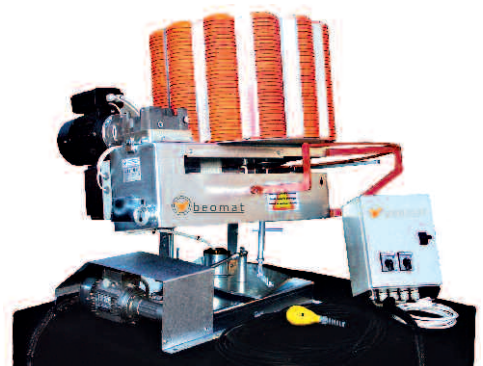


*Tor MT 400 Automatic*

## Tor 400 MJT Hunting (110 V, 230 V, 380 V)

Trap with horizontal and vertical movement motors and a magazine holding 400 targets, delivered with a separate control box, to be installed in a trap bunker. The launchers are built using well-tested components, and by using electronics with programmable multi-relays the following features are made possible.

- Timer feature, which can be set to delayed or instant release.
- Automatic random and unreadable horizontal movement, with the option to switch to manual setting.
- Motor Saver: Again, All Heavy Duty Beomat machines are equipped with sleep mode, which means saving on electricity as well as wear on motors and gears.
- Starts and launches the target immediately after pushing the trigger.
- Built-in counter.
- Last target is triggered from the control box.
- The trap is intended for American or Nordic Trap.
- Re-loading time (2.0 seconds).



*Tor 400 MJT Hunting*

## **Tyr MOT 250 (110V, 230V, 380V)**

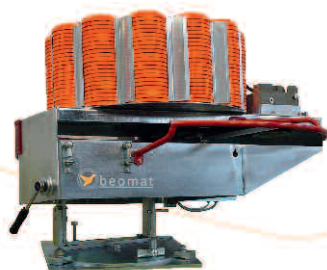
Very popular and trust worthy machine for Olympic Trap, where 15 machines are located in a bunker in a space of 15 meters. Programmable for men, ladies and double trap, each machine has a target capacity of 250 targets. Launchers are delivered with acoustic release.



## **Loke 560 MDT Double (110V, 230V)**

*Fantastic trap intended for American Double Trap*

- Launches two targets simultaneously with a 32 degree angle, at exactly the same height and speed.
- Re-loading speed is 2 seconds and the magazines hold a whopping 600 targets!
- Equipped with a horizontal oscillation, adjustable between 30 and 90 degree spread, there is also a vertical drive unit on the launcher.
- It will take less then a minute to convert from launching double targets, to launching single targets for use as American Trap or Nordic Trap.
- Also possible to use in Automatic/Continental trap, just change the main spring.



*Tyr Mot 250*

## **Skeet Trap**

### **Oden MS 700 (110V, 230V, 380V)**

Very Popular skeet trap with a target capacity of 700 targets per machine delivered in pairs and with a separate control box to be installed in a skeet house. Mechanically the trap is built with well-tested components, and by using electronics programmable multi-relays the following features are made possible:

- Timer feature: 0-3 seconds (can be set to instant release).
- Motor saver: The machines are equipped with sleep mode, saving electricity and wear on the mechanism.
- Starts and launches the target immediately after pushing the trigger.
- Referee signal lights for international skeet if desired.
- Built-in counter.
- Last target may be released from the control box.
- Easily adjustable launch direction and launch distance.
- Re-loading time 2.0 seconds



*Oden MS 700*

### **Oden MS 400 (110V, 230V, 380V)**

Very popular skeet trap with a target capacity of 400 targets per machine, delivered in pairs with a separate control box to be installed in the skeet house. Mechanically the trap is built with well- tested components, and again by using electronics with a programmable multi-relays with exactly the same features as in the Oden 700.



# Traps for Sporting

## Freja MSS 400 Sporting

Exceptional Sporting trap with a target capacity of 400 targets and built with well- tested components featuring the following:

- Starts and launches the target immediately after pushing the trigger.
- Easily adjusted launch direction by manual turn table.
- Easy adjustment for target speed and trajectory.
- Manual vertical adjustment from 0 – 50 degrees.

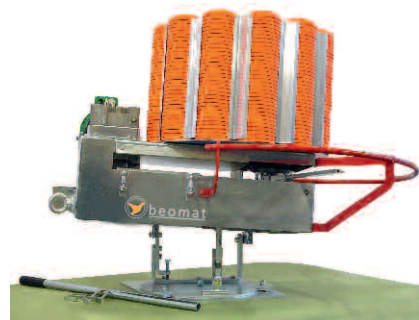
## Freja MSS 400 Teal

Sporting Trap, with a target capacity of 400 targets, with this machine you have the option of launching targets with a trajectory of up to 50 degrees. Built with well-tested components with several different features:

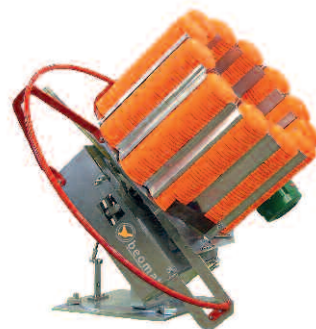
- Starts and launches the target immediately after pushing the trigger.
- Easily adjusted launch direction and launch distance.
- Manual vertical adjustment from 0 – 30 degrees.
- Manually adjustable turn table.

## Freja MSS 400 Battue

This launcher is intended for battue targets and has a 500 target capacity. Built with well-tested components with the same features as Freja 400 sporting.



*Freja MSS 400 Sporting*



*Freja MSS 400 Teal*

# Trap for Rabbit

## Idun 400 (230V, 380V)

**Super Sporting trap for Rabbit.** The trap will roll out the target, by using a wheel. It is very easy to adjust the target speed, which gives the target good balance and is important when slow targets are needed. An optional extra may be added to make the target perform as a jumping rabbit. The magazine hold 400 targets and the re-cocking time is under a second.



*Idun 400*

## Launchers for Trap

	<b>Tor 400 MT Automatic</b>	<b>Tor 400 MJT Hunting</b>	<b>Tyr MOT 250</b>	<b>Loke MDT 560 Double</b>
Target capacity	400	400	250	330/600
Launch distance	60-90 m 197-295 feet	45-60 m 148-197 feet	60-90 m 197-295 feet	40-45 m 131-148 feet
Adjusting of launch distance	manual	manual	manual	manual
Lateral adjustment	30-90°	30-90°	manual 90°	programmable 30-90°
Vertical inclination adjustment	8-24°	6-30°	manual 6-30°	8-24°
Height	78/96 cm 31/38 inch	78/96 cm 31/38 inch	66/79 cm 26/31 inch	96 cm 38 inch
Width	96 cm 38 inch	96 cm 38 inch	100 cm 39 inch	100 cm 39 inch
Depth	105 cm 41 inch	105 cm 41 inch	100 cm 39 inch	100 cm 39 inch
Power	110V 60 Hz 220V 50 Hz 380V 3-phase	110V 60 Hz 220V 50 Hz 380V 3-phase	110V 60 Hz 220V 50 Hz 380V 3-phase	110V 60 Hz 220V 50 Hz
Number of motors	3	2	1	2
Weight	146 kg 322 lbs	138 304 lbs	93 205 lbs	145 320 lbs

## Launchers for Skeet

	<b>Oden MS 700</b>	<b>Oden MS 400</b>
Target capacity	700	400
Launch distance	50-80 m 164-262 feet	50-80 m 164-262 feet
Adjusting of launch distance	manual	manual
Lateral adjustment	manual	manual
Vertical inclination adjustment	manual	manual
Height	115 cm 45 inch	85 cm 33 inch
Width	110 cm 43 inch	110 cm 43 inch
Depth	94 cm 37 inch	94 cm 37 inch
Power	110V 60 Hz 220V 50 Hz 380V 3-phase	110V 60 Hz 220V 50 Hz 380V 3-phase
Number of motors	1	1
Weight	103 kg 227 lbs	98 kg 216 lbs

## Launchers for Sporting

	Freja MSS 400 Sporting	Freja MSS 400 Teal	Freja MSS 400 Battue
Target capacity	400	400	400
Launch distance	50-80 m 164-262 feet	50-80 m 164-262 feet	50-80 m 164-262 feet
Adjusting of launch distance	manual	manual	manual
Lateral adjustment	manual	manual	manual
Vertical inclination adjustment	manual	manual	manual
Height	85 cm 33 inch	85 cm 33 inch	85 cm 33 inch
Width	110 cm 43 inch	110 cm 43 inch	110 cm 43 inch
Depth	94 cm 37 inch	94 cm 37 inch	94 cm 37 inch
Power	110V 60 Hz 220V 50 Hz 380V 3-phase	110V 60 Hz 220V 50 Hz 380V 3-phase	110V 60 Hz 220V 50 Hz 380V 3-phase
Number of motors	1	1	1
Weight	110 kg 243 lbs	105 kg 231 lbs	105 kg 231 lbs

## Launcher for Rabbit

Idun 400	
Target capacity	400/700
Launch distance	30/40/50 m 98/131 164 feet
Adjusting of launch distance	manual
Height	110 cm 43 inch
Width	80 cm 31 inch
Depth	90 cm 35 inch
Power	220V 50 Hz 380V 3-phase
Number of motors	1
Weight	100 kg 220 lbs





beomat

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