



# GLOBUS

BALL SHOOTING MACHINE

**EUROGOAL**

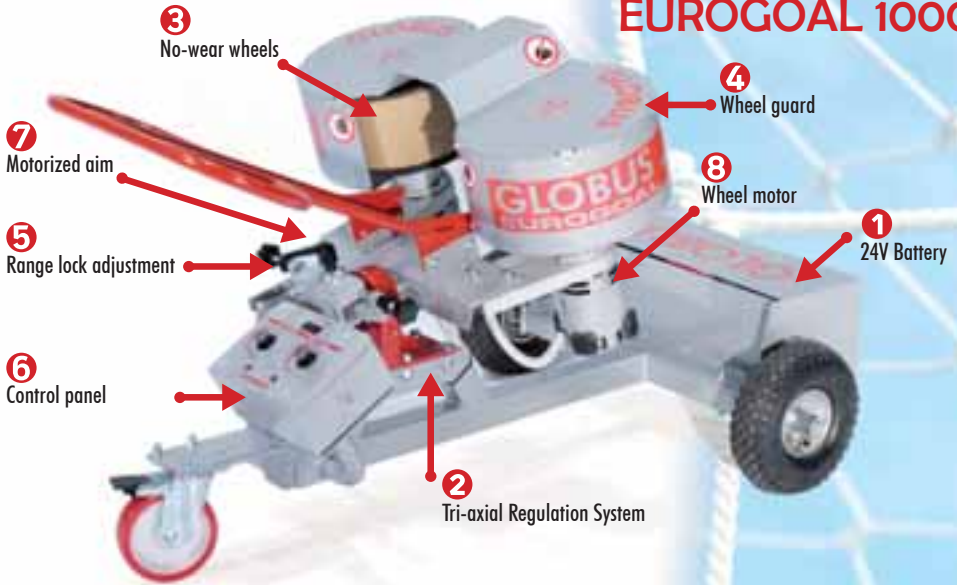
**THE MACHINE OF CHAMPIONS!**



- IDEAL TO TRAIN GOALKEEPERS, FORWARD AND DEFENSE
- MAXIMUM SHOT PRECISION
- EVERY SHOT EFFECT OF TOP CHAMPIONS
- REAL SHOT SPEED UP TO 87 MPH (140 KM/H)



# EUROGOAL 1000



- 1 BATTERY POWERED:** for independent and long lasting training on the field.
- 2 TRIAXIAL SYSTEM:** patented system to aim shots on three axes in any direction with great ease.
- 3 WHEELS MADE WITH SPECIAL NO-WEAR RUBBER:** obtain high performance without ball damage.
- 4 WHEEL GUARD:** maximum operator protection.
- 5 RANGE LOCK ADJUSTMENT:** for rapid aim in two different directions.
- 6 CONTROL PANEL:** regulate shot power and effects.
- 7 MOTORIZED AIM:** quickly increase and lower the trajectory.
- 8 WHEELS' ELECTRIC MOTORS.**



## EUROGOAL 600

*Differing from the other more sophisticated model **EUROGOAL 600** has a two-axis aiming system, without bank inclination of the shooting wheels.*

*This machine is ideal for junior soccer clubs.*

*The ball reaches a speed up to 69 mph (110 Km/h).*

# EUROGOAL'S FEATURES

This machine has been designed with innovative and unique solution to give coaches and players a device with exceptional performance.

## 1. CHAMPION SHOT EFFECT

Champions know how to kick the ball to give it a particular effect, to make the trajectory particularly insidious: to train high-level goalkeepers, it is necessary to duplicate the same trajectories many times over with absolute precision.

The control panel of Eurogoal enables any trajectory and power by means of different settings of the shooting wheels.

## 2. ABSOLUTE PRECISION

**Globus Eurogoal** can shoot soccer balls with incredible precision: over a 50-shot sequence, shot at 63 mph (100 Km/h), from the limit of the penalty area, 90% of the shots hit a 3x3 sq.ft. target positioned at the goal.

It is also possible to shoot sequentially on two different targets, by adjusting the range-lock mechanism. This adds randomness to the ball making the drill more training.



## 3. HIT ANY TARGET IN ANY DIRECTION (Globus Patent)

The Triaxial is **Globus patent** to give the machine the highest freedom of aim and shot. To obtain this result **Eurogoal** is endowed with a special spherical joint that allows the coach to freely move the shooting head on the three axes.

## 4. KILLER SHOT AND TRAINING WORK RYTHM

With the possibility to shoot up to one soccer ball every 5 seconds (12 shots per minute), **Eurogoal** allows the coach to determine the correct rythm to obtain the desired training result.

**Eurogoal** can reproduce specific shot actions for long work sequences, to help players perfect all the details of a play technique.

## 5. UNEQUALLED SHOT DISTANCE

**EUROGOAL** can shoot a ball more than 270 feet (80 meters). It is the only machine that can simulate the goalkeeper kick beyond center field, or counterattacked.

## 6. MAXIMUM FREEDOM WITH BATTERY POWER

For the coach it is very important to be able to move the machine across the whole playing field, to do the training drills in the desired area; thanks to large wheels and battery power (no electric cord), **Eurogoal** is not limited by space or duration.

With a full charge, **Eurogoal** operates continuously for more than 8 hours.

## 7. WHEELS MADE WITH SPECIAL NO-WEAR RUBBER (Globus Patent)

The wheels are covered with a special rubber mix, which minimizes ball wear and have superior grip. This allows to shoot soccer balls at more than 87MPH (140 Km/h), and still maintaining the high precision.



# EUROGOAL: a system for state-of-the-art SOCCER

Nowadays soccer has reached incredible performance levels both in terms of athletic performance and of play/power technique. Soccer players possess a very precise and effective kick technique, and know how to impart to the ball speeds often above 87 mph (140 km/h).

In this context the goalkeeper has a very difficult job to defend balls at the limit of what is humanly possible.

For this reason **Globus**, leader in the field of innovation and sport technology has created **EUROGOAL**, the perfect assistant of the coach, to bring the performance of the players to the maximum level in any play situation.

## SHOT EFFECTS and MAXIMUM PRECISION in any PLAY SITUATION

**Eurogoal** is an extraordinary machine, that can manage any type of play thanks to its power (up to 87 mph, 140 km/h), thanks to its precision, and thanks to the gamut of trajectories covering any play situation.

### a) STRAIGHT, PRECISE AND POWERFUL SHOTS

With this adjustment **Eurogoal** can perform shots with a straight trajectory, toward a target even from a great distance.

Penalty kicks can be performed as well.



### b) CURVED SHOT TO THE RIGHT OR TO THE LEFT (MAGNUS EFFECT)

These are trajectories that are obtained by giving a spin to the ball with the launching wheels horizontal.

The amount of curvature to the right or to the left depends on the spin.

It is an effect that players often use for goal kicks.



### c) SPECIAL SHOTS ABOVE THE WALL (TOP SPIN)

Coaches know well that one of the most difficult shots is the free kick with wall.

With **Top Spin** effect the ball trajectory becomes very curved, which allows it to enter the corner of the goal far from the goalkeeper, after overtaking the wall.

For this effect **Eurogoal** is inclined laterally by up to 80° to obtain easily the wanted curve.



### d) SHOTS WITH BACK SPIN

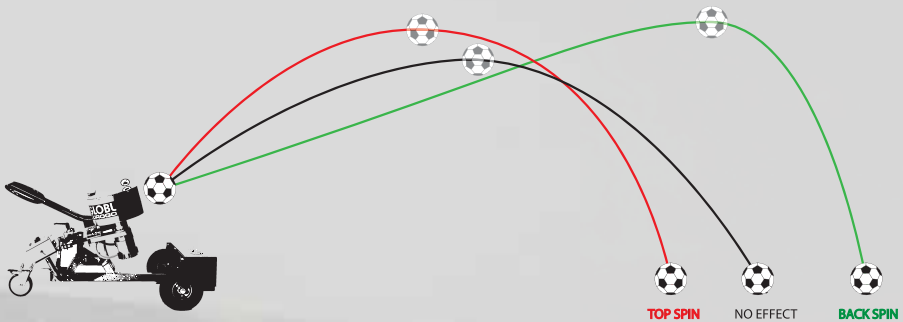
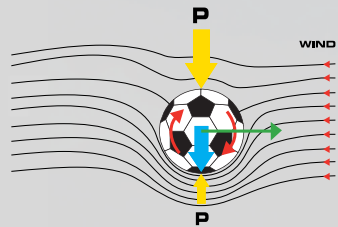
## PHYSICS AND SPORT

### What is the MAGNUS EFFECT

*Shots with **effect** in soccer are those in which the kick gives the ball a spin, besides giving it a strong forward movement.*

*This way the ball can curve in the air, clearing obstacles and surprising the goalkeeper.*

*This behavior is explained by the **Magnus effect**, which in turn is based on fluid mechanics. These are the same laws that determine the lift of an aircraft.*



# EUROGOAL to TRAIN CHAMPIONS

The performance and characteristics of this machine have been designed by technology experts, in collaboration with coaches and high level trainers, to contribute to the evolution of soccer. **Eurogoal** is in particular an exceptional tool for individual training, and for technical and tactical collective drills:

## GOALKEEPER TRAINING

### ATHLETIC TRAINING

- Reaction Speed.
- Movement Speed.
- Explosivity in jumping and diving.
- Physical and psychological resistance.

### TRAINING FOR GOAL KEEPING TECHNIQUE

- For power shots from close and from outside the penalty area (up to 120 ft, 40 mt).
- For power shots curving left or right.
- For direct kicks with wall.
- Penalty kicks.
- On the volley shots.
- For ground level shots.
- For cross and corner shots.
- For goalkeeper sorties with cross and corner shots.

## COACHING OF FORWARD/DEFENSE SITUATIONS

- Forward/Defense from a corner shot.
- Forward/Defense from a cross shot outside the penalty area.
- Forward/Defense on inactive balls.
- Free kick with wall.
- Counterattack action after midfield kick.

## TECHNIQUE COACHING FOR GOAL SHOT

- Goal shot with ball on the volley: overhead, ball stop, etc.
- Jump and header.
- Stop and ball control on shot from far.



# EUROGOAL 1000 / EUROGOAL 600

	CHARACTERISTIC	EUROGOAL 1000	EUROGOAL 600
<b>GENERAL CHARACTERISTICS</b>	Shot speed	Up to 140 km/h	Up to 110 km/h
	Shot distance	80 meter	60 meter
	Launching wheels	2 wheels with special super grip anti-wear rubber mix	2 wheels with special super grip anti-wear rubber mix
	Safety	Wheel gurad	Wheel gurad
	Field movement	3 tires for easy movement on the field	3 tires for easy movement on the field
<b>MOVEMENTS SHOOTING HEAD</b>	Triaxial System	YES	NO
	Maximum shooting height	35 meter	25 meter
	Swiveling movement	+30° / -30°	Fixed
	Vertical inclination	-5° / +40°	-5° / +40°
	Bank inclination	-45° / +45°	Fixed
	Swivel adjustment stop	YES	NO
<b>CONTROLLER</b>	Electronic Controller	YES	YES
	Motor speed with independent adjustment	YES: 1000 steps	YES: 1000 steps
	Duration	8 hours of continuous 24 V battery-powered operations	5 hours of continuous operations
	Powered vertical inclination	YES	Manual *
	Fast and slow charge	YES	YES
<b>SHOT EFFECTS</b>	MAGNUS Effect	YES	YES
	BACK SPIN Effect	YES	NO
	TOP SPIN Effect	YES	NO
	FLOAT (Knucle ball)	YES	YES

\* The EUROGOAL 600 version has optional Powered vertical inclination.





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# EUROGOAL

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**Some soccer teams  
that have chosen Eurogoal:**

Italian National Team FIGC  
Inter Milano  
Juventus  
Napoli  
Genoa  
Sampdoria  
Bari  
Botafogo (Brasil)

**WATCH ALL TECHNICAL DRILL VIDEOS WITH EUROGOAL AT:**

**[www.youtube.com](http://www.youtube.com) [globus eurogoal channel]**

**[www.globuscorporation.com](http://www.globuscorporation.com)**

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