

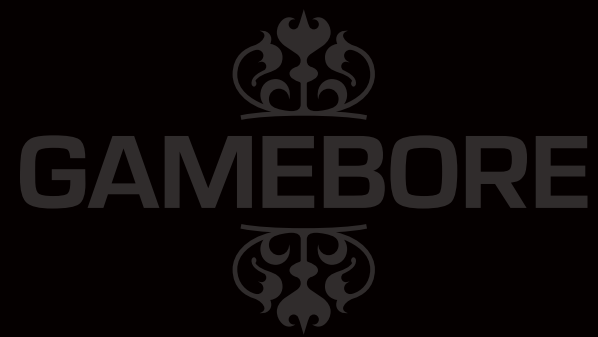


QUALITY & INNOVATION



## PRODUCT GUIDE

THE ULTIMATE AMMUNITION



# ABOUT US

MANUFACTURERS OF THE ULTIMATE CARTRIDGES FOR GAME & CLAY SINCE 1973



## INNOVATION

Our continued dedication to innovation within our industry means our manufacturing process involves only the very best components. Our unique Diamond Shot® is made using our very own technique in the UK's only working shot tower. New for 2020, the Quad Seal™ and Bio-Wad® have both been developed and manufactured in-house for use in Gamebore cartridges, giving our products the edge.

## STANDARDS

We are the only UK cartridge manufacturer to hold quality standard BS EN ISO 9001-2015 certification. These standards apply to our lead and bismuth shot making, the injection moulding of plastic and biodegradable wads, cartridge assembly, printing and packaging. Attention to detail, strict quality control and rigorous testing guarantees quality, performance and consistency throughout our range.

## DEVELOPMENT

The development process of our ammunition ensures that we provide a full range of products for shooters at every stage of their advancement, from beginners to world champions. From initial concept to development and manufacture, our process involves equal thought to the shooter, the gun type and the target as well as considerations such as environmental impact.

## THE FACTORY

Innovation, quality, performance, attention to detail and customer satisfaction, these are all qualities that are recognised internationally to be synonymous with the Gamebore brand. Our state of the art manufacturing plant houses the most technologically advanced machinery available, allowing efficient production without any compromise on quality.

## INVESTMENT

Committed to investing in improved technology, we have our own dedicated research and development team striving to innovate and advance our brand.

Our objective is to manufacture more cartridge components in-house, lessening the reliance on overseas suppliers and increasing our efficiency. The only UK cartridge manufacturer with shot and wad making capabilities, we aim to handle as many aspects of the overall cartridge production process as possible, here on home soil.

## ACCOLADES

We proudly supply over 40 countries around the globe and hold one of the highest marques of excellence; The Queen's Award for Export, a globally recognised and prestigious award for our international trade performance. Our renowned Black Gold® Game cartridge is the most highly decorated game load in the UK, with more industry awards voted for by the shooting public and by industry figures than any other game cartridge. Meanwhile in the clay shooting domain with no less than 26 World Championship titles thanks to George Digweed MBE, our White Gold® cartridge is the most successful clay load.

## SHOOTERS

Gamebore shooters from both the Game and Clay disciplines aim to maintain the ethics of good sportsmanship, style, flair and an understanding of the sport. They appreciate the fine detail of our inimitable loads which help to propel them to where they want to be - at the top of their game.



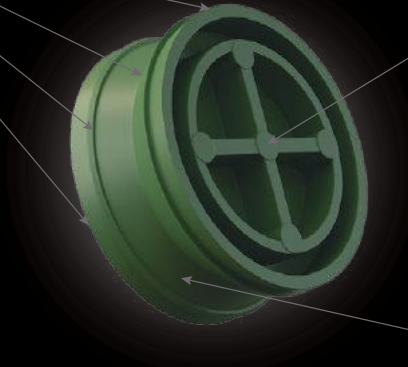
## CONTENTS

- 5 New Quad Seal™ Technology
- 6 The Anatomy of a Dark Storm™ Game Cartridge
- 7 Dark Storm™ with Quad Seal™
- 8 High Performance Game Cartridges
- 12 Steel Bio-Wad® Game Cartridges
- 14 Traditional Game Cartridges
- 18 Small Gauge Game Cartridges
- 22 Pigeon Cartridges
- 26 Specialist Cartridges
- 28 Non-Toxic Wildfowling Cartridges
- 32 The Competition Range
- 40 Small Gauge Clay Cartridges
- 41 Steel Clay Cartridges
- 43 Technology
- 45 Exclusive

# QUAD SEAL™

EXCLUSIVE 4 RING GAS SEAL

100% GREEN NON-TOXIC  
& BIODEGRADABLE



IMPROVED BALLISTICS OVER  
SINGLE SEAL PLASTIC WADS

## INCREASED STRIKING ENERGY

The unique four-ring design of the Quad Seal™ gives four times the sealing area even compared with a conventional plastic wad. This limits gas leakage past the wad and down the gun barrel resulting in improved performance and more importantly, increased striking energy where it matters most - downrange.

## IMPROVED BALLISTIC CONSISTENCY

The results produced in our ballistics laboratory show a much-improved consistency of standard deviation, shot to shot, not only over fibre wads, but also over standard plastic wads.

## REDUCED RECOIL

A traditional fibre wad with a powder card obturator combination allows pressure to leak behind the powder card obturator upon ignition; it is therefore necessary to use more powder to compensate for this. The Quad Seal™ fully retains the energy, meaning there is no need for extra powder; as a result the recoil is noticeably reduced and the cartridges are far smoother to shoot.

## BIODEGRADABLE

As an innovative, technology-driven company, our main aim when developing the Quad Seal™ was to make advances in ballistic performance and shooter's comfort. We achieved this whilst also creating a product that is kind to the environment. The Quad Seal™ is 100% green, non-toxic and biodegradable. It will fully dissolve within a shooting season or sooner, degrading far more quickly than the powder card obturator typically found in most modern-day fibre wadded cartridges.

## DESIGNED & DEVELOPED BY GAMEBORE FOR GAMEBORE

DEVELOPMENT FIELD TESTING BY



*Simon Ward*

Simon Ward



*George Digweed*

George Digweed MBE



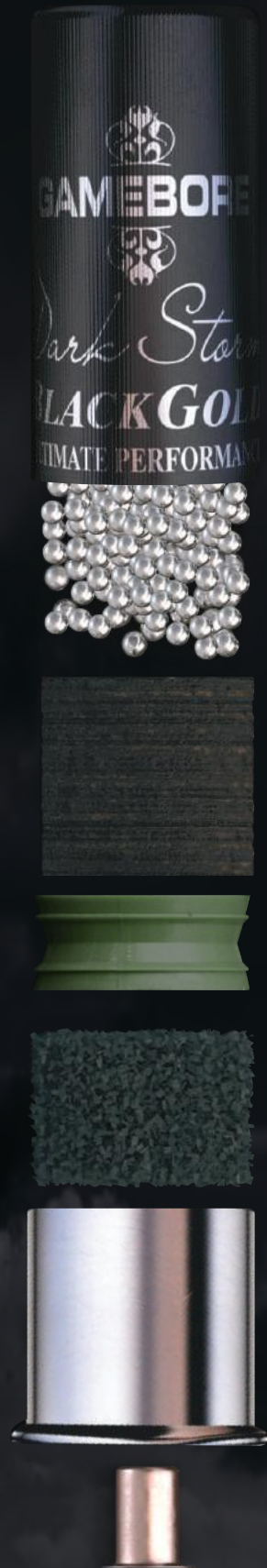
*DC*

Dave Carrie



# THE ANATOMY OF A DARK STORM™ GAME CARTRIDGE

THE ULTIMATE GAME CARTRIDGE



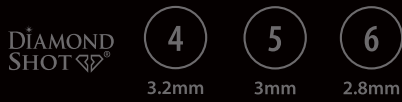
# 12G Dark Storm™ with Quad Seal™ - Ultimate Performance Game Load

## OVERVIEW

Taking the legendary performance of Dark Storm™ Game even further, the Quad Seal™ technology delivers never seen before knock-down power where it matters most; down range.

Designed and developed in-house by Gamebore, exclusively for Gamebore, Quad Seal™ gives improved ballistic consistency, noticeably reduced recoil and increased striking energy. Plus it is fully degradable and 100% environmentally friendly.

Combined with precision-made Diamond Shot® and Gamebore's exclusively blended powders, the Dark Storm™ with Quad Seal™ takes the renowned Black Gold® range to the next level and beyond.



Continental sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Dark Storm™ Game	28	4,5,6	QS Fibre	20/70HD	1525
12g Dark Storm™ Game	30	4,5,6	QS Fibre	20/70HD	1490
12g Dark Storm™ Game	32	4,5,6	QS Fibre	20/70HD	1475
12g Dark Storm™ Game	34	4,5	QS Fibre	20/70HD	1470
12g Dark Storm™ Game	36	4,5,6	QS Fibre	20/70HD	1460

## TECHNOLOGY OVERVIEW

**QUAD SEAL™**

**DIAMOND SHOT®**

Our precision made, coated shot, graded 5 times for ballistic perfection

**5x**

**HD Casing**

High density plastic case enables maximum performance

**Velocity**

Ultra high performance with a muzzle velocity of up to 1525 feet per second

**1525FPS**



HIGH PERFORMANCE GAME CARTRIDGES





# 12G Black Gold® Game Ultimate Performance Game Load

## OVERVIEW

A high performance game cartridge with a reputation second to none amongst game shooters for its unrivalled performance. Powered by the latest F2 powder technology and featuring Gamebore's Diamond Shot® to hold patterns tighter at long range and the Gordon Recoil® Reduction System to cut recoil by 15% compared to other 'high performance' loads on the market.

These loads have been developed, field tested and are used exclusively by renowned high bird specialist Simon Ward to deliver a game cartridge that is simply inimitable.



Continental sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Black Gold® Game	28	6	Fibre	20/70	1500
12g Black Gold® Game	30	5,6	Fibre	20/70	1475
12g Black Gold® Game	32	4,5,6	Fibre	20/70	1450
12g Black Gold® Game	35	5	Fibre	20/70	1450
12g Black Gold® Game	36	4	Fibre	20/70	1450
12g Black Gold® Game	38	4,5	Wool	20/70	1475

## TECHNOLOGY OVERVIEW

**DIAMOND SHOT®**  
Our precision made, coated shot, graded 5 times for ballistic perfection

**5x**

**Velocity**  
Ultra high performance with a velocity of up to 1500 feet per second

**1500FPS**

**Gordon Case®**  
The Gordon Recoil® System reduces felt recoil by up to

**15%**





GAMEBORE

GROUSE  
*Extreme*

DIAMOND SHOT



# 12G Grouse Extreme - The Ultimate Load For Grouse

## OVERVIEW

Building on the legendary performance of Black Gold® with over two year's development, Grouse Extreme delivers the ultimate performance on this most testing of game birds.

Using the unique and exclusive Gordon Recoil® Reduction System case with a 20mm nickel head and powered by our exclusive F2 powders, these cartridges are smooth and easy on the shoulder and effective beyond words.



DIAMOND SHOT®

5.5 2.75mm

6 2.6mm

English sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Grouse Extreme	29	5,5,6	Fibre	20/65	1450
12g Grouse Extreme	31	5,5,6	Fibre	20/65	1450
12g Grouse Extreme	33	5,5	Fibre	20/70	1450

## TECHNOLOGY OVERVIEW

**DIAMOND SHOT®**

Our precision made, coated shot, graded 5 times for ballistic perfection

**5x**

**Velocity**

Ultra high performance with a muzzle velocity of 1450 feet per second

**1450FPS**

**Gordon Case®**

The Gordon Recoil® System reduces felt recoil by up to 15%

**15%**



STEEL BIO-WAD® GAME CARTRIDGES



# Dark Storm™ Precision Steel with Bio-Wad®

Dark Storm™ Precision Steel with Gamebore's exclusive Bio-Wad®

## OVERVIEW

Building on the Quad Seal™ design, the Bio-Wad® is a new full cup wad utilising the same cutting-edge material which is 100% environmentally safe.

It incorporates all the benefits of the Quad Seal™ with the addition of a new and unique cup section. The Bio-Wad® has petals with newly designed, exclusive 45 degree overlapping edges, giving complete barrel protection. Manufactured in-house by Gamebore, the new Bio-Wad® is specifically designed for steel shot.

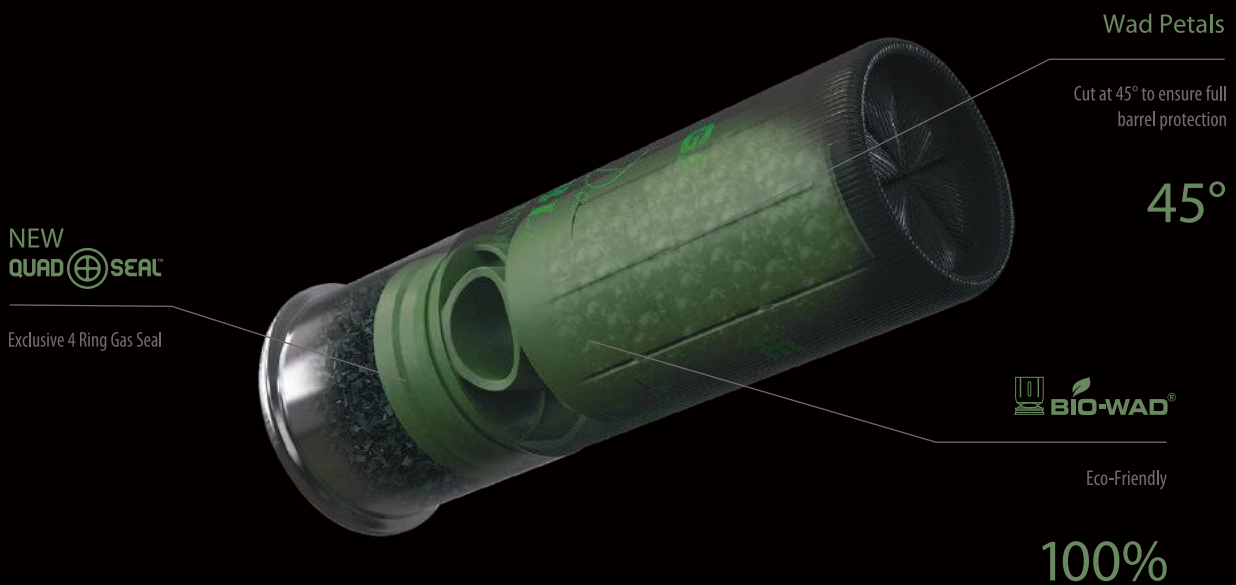
Dark Storm™ Precision Steel is loaded with 32gms of shot in 3 (High Performance Steel), 4 and 5 (Standard Performance Steel) in a 20/70mm HD case.



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	MUZZLE VELOCITY FPS	VELOCITY MPS V1
Dark Storm™ Precision Steel with Bio-Wad®	32	4,5	Bio-Wad®	20/70HD	1400	400
Dark Storm™ Precision Steel with Bio-Wad®	32	3	Bio-Wad®	20/70HD	1490	430 HP

## TECHNOLOGY OVERVIEW





# TRADITIONAL GAME CARTRIDGES





# 12G Regal Game High Performance 2.5" Game Load

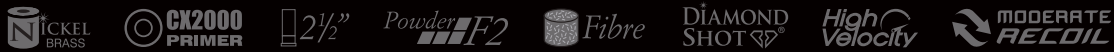
## OVERVIEW

The Regal Game is a true 2.5" (65mm) game cartridge incorporating all the latest technology and performance of its 2.75" cousins to give the game shooter the edge over old 'traditional' 2.5" loads. Loaded in a new high quality red case with a nickel head for clean ejection and Diamond Shot® in true English sizes for perfect patterns, this takes the traditional game cartridge to the next level.

F2 blended powders deliver smooth recoil in lightweight guns with downrange speed and performance which simply cannot be equalled and provide complete confidence to the game shooter whatever the quarry.



English sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Regal Game	28	5,6	Fibre	16/65	1425
12g Regal Game	30	5,6	Fibre	16/65	1425
12g Regal Game	32	5,6	Fibre	16/65	1425
12g Regal Paper Case	28	6	Fibre	16/65	1425
12g Regal Paper Case	30	5,6	Fibre	16/65	1425
12g Regal Paper Case	32	5	Fibre	16/65	1425

## TECHNOLOGY OVERVIEW

**Velocity**

Ultra high performance with a muzzle velocity of 1425 feet per second

**1425FPS**

**5x**

Our precision made, coated shot, graded 5 times for ballistic perfection

**DIAMOND SHOT®**





# 12G Super Game High Bird Traditional 2.5" Game Load

## OVERVIEW

Super Game High Bird is our most competitively priced game cartridge and comes in both fibre and plastic wad options. Loaded in a true 2.5" case with our high quality lead shot for optimum patterns and performance.



GAMEBORE **LEAD**

5  
2.8mm

6  
2.6mm

7  
2.4mm

English sized shot



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Super Game High Bird	28	6,7	Plastic or Fibre	8/65	1350
12g Super Game High Bird	30	5,6	Plastic or Fibre	8/65	1350
12g Super Game High Bird	32	5,6	Plastic or Fibre	8/65	1350





SMALL GAUGE GAME CARTRIDGES



# 20G Black Gold® High Performance Game Load

## OVERVIEW

The multi award winning Black Gold® Game load has been carefully developed to deliver the ultimate performance in 20 gauge guns. Black Gold® Game loads are ballistically tailored to produce devastating kills on those fast and long range birds. This is simply the highest performance 20 gauge game load on the market, utilising cutting edge propellants coupled with our unique Diamond Shot® to deliver blistering performance without the recoil.



DIAMOND SHOT®

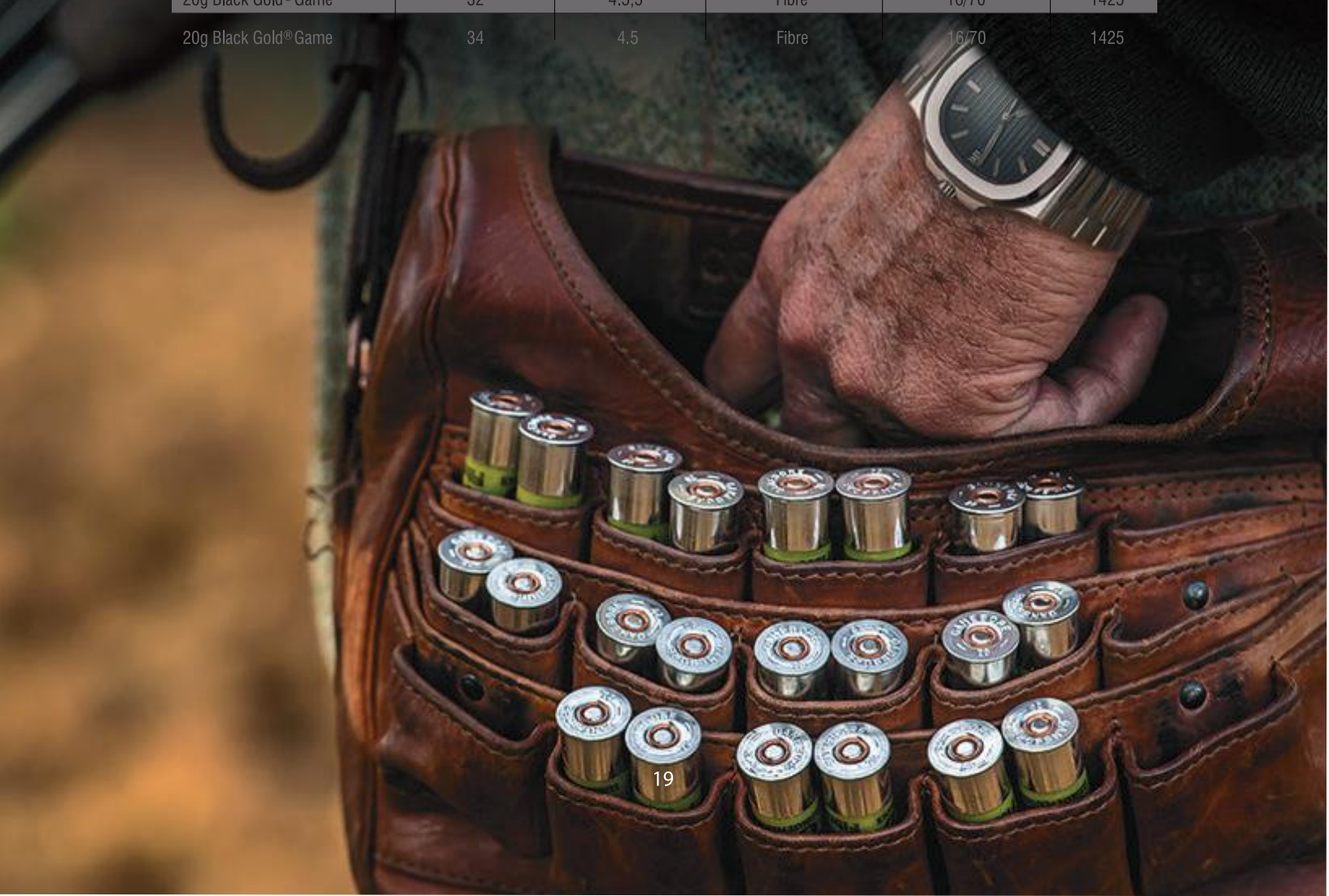
4.5	5	6
3.1mm	3mm	2.8mm

Continental sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
20g Black Gold® Game	28	5,6	Fibre	16/70	1475
20g Black Gold® Game	28	5,6	Plastic	16/70	1475
20g Black Gold® Game	30	5,6	Fibre	16/70	1450
20g Black Gold® Game	30	5,6	Plastic	16/70	1425
20g Black Gold® Game	32	4,5,5	Fibre	16/70	1425
20g Black Gold® Game	34	4,5	Fibre	16/70	1425





# 16G Regal Game

## OVERVIEW

16G Regal Game is available in a true 2.5" case and a traditional 28gms fibre load but utilises up to date progressive propellants and our exclusive, precision made Diamond Shot® to deliver modern day performance on today's game.



English sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
16g Regal Game	28	5,6	Fibre	8/65	1400

# 20G Regal Game

## OVERVIEW

20G Regal Game has been fine tuned using the latest propellants exclusive to Gamebore to deliver outstanding patterns and performance for those fast and long range birds. With our precision Diamond Shot®, this cartridge gives the shooter a 20 bore load with downrange performance which far surpasses its rivals.



English sized Diamond Shot®



## Technical Data

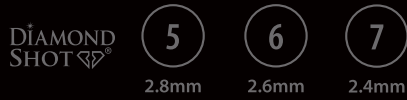
CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
20g Regal Game	25	6	Fibre	8/65	1450
20g Regal Game	28	5,6	Fibre	8/65	1450



# 28G Regal Game

## OVERVIEW

28G Regal Game has been developed to provide the 28 bore shooter with the ultimate performance in this popular calibre with a choice of load from 16gms for use on grouse or partridge up to a 28gms performance pheasant load for use on high and handsome birds. Our precision made Diamond Shot® matched with exclusive powders delivers patterns second to none in these carefully crafted loads. The range also includes the revolutionary Regal 27gms wool wad load with its blistering performance, smooth recoil and devastating patterns that only comes with this truly unique load.



English sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
28g Regal Game	16	6,7	Fibre	8/65	1350
28g Regal Game	25	5,6	Fibre	16/70	1450
28g Regal Game	27	5,6	Wool	16/70	1475
28g Regal Game	28	5	Plastic	16/70	1450

# .410 Hunting

## OVERVIEW

The Gamebore .410 Traditional Hunting load has been designed to deliver performance in even the smallest calibre we manufacture. Available in three different lengths in various shot sizes.



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
.410 Hunting	9	6,7	Plastic	8/50	1375
.410 Hunting	11	6,7	Plastic	8/65	1375
.410 Hunting	16	6,7	Plastic	16/73	1375
.410 Hunting	14	6,7,5	Fibre	8/65	1375
.410 Hunting	18	6,7,5	Fibre	16/73	1375
.410 Hunting Low Noise	19	5,5	Fibre	16/73	Subsonic



PIGEON CARTRIDGES

*Andy Crow*





# 12G Pigeon Extreme The Choice of George Digweed MBE

## OVERVIEW

The Pigeon Extreme load has been developed in conjunction with George Digweed MBE, to provide the ultimate in performance and to deliver high velocity downrange where it matters the most with superior shot patterns, and hard hitting knock-down power thanks to our unique, precision made Diamond Shot®.



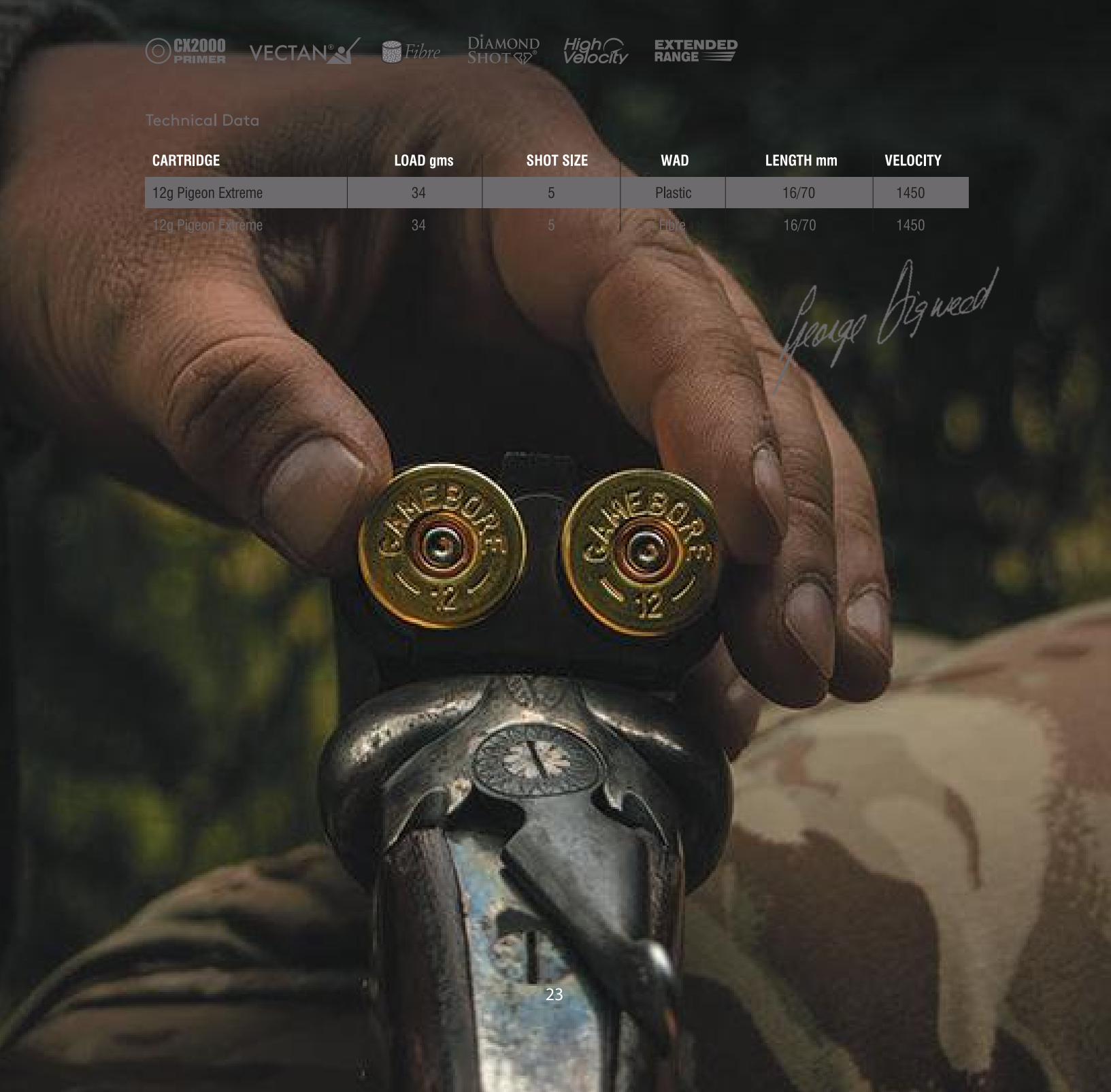
English sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Pigeon Extreme	34	5	Plastic	16/70	1450
12g Pigeon Extreme	34	5	Fibre	16/70	1450

*George Digweed*



DEVELOPMENT FIELD TESTING BY

*Andy Crow*





# 12G Clear Pigeon

## OVERVIEW

Clear Pigeon has been specifically designed and developed in conjunction with renowned pigeon shooter Andy Crow to provide high quality yet at a competitive price without sacrificing on performance, patterns or knock down power. Available in both a plastic or fibre wad option, 30 and 32gms loads and tested for use in semi-auto guns.



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12G Clear Pigeon	30	6	Plastic or Fibre	8/70	1400
12G Clear Pigeon	32	6	Plastic or Fibre	8/70	1400

# 12G Velocity + HV Pigeon

## OVERVIEW

Gamebore Velocity+ HV Pigeon has been specifically designed as a quality pigeon load but at a very competitive price and with a full 30gms load of our exclusive precision made lead shot. Available in both plastic and fibre wad and tested for use in semi-auto guns.



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Velocity + HV Pigeon	30	6	Plastic or Fibre	8/70	1390

SPECIALIST CARTRIDGES





## 12G Buffalo High Performance Specialist Loads

### OVERVIEW

Initially produced for the African market and hence the name, these legendary cartridges have been designed to produce the highest performance possible. This range of specialist loads covers the larger shot sizes such as SG's and BB's.



### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Buffalo	32	SG	Fibre	16/70	1400
12g Buffalo	36	BB,4,5,6	Plastic	16/70	1400
12g Buffalo	42	3	Plastic	16/70	1375

## 12G Mammoth Magnum Lead High Performance Specialist Loads

### Technical Data

Mammoth 3" & 3.5" cartridges are loaded with large sizes of lead shot. These are high performance loads and have extremely high knock down power, they are capable of clean kills at 90yds. These loads feature high performance double based propellant powder from the USA.



### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Mammoth Magnum	50	BB,3	Plastic	25/76	1400
12g Mammoth Magnum	63	BB,1	Plastic	16/86	1400

NON-TOXIC WILDFOWLING CARTRIDGES





# 12G + 20G Bismuth Premium Non-Toxic

## OVERVIEW

As the UK's only shot manufacturer, we have turned our expertise to bismuth using a revolutionary production technique here at our factory. We produce bismuth shot using a unique process that results in superb, uniform, malleable shot which performs like lead and eliminates the issue of shot shattering as seen with bismuth produced using the more traditional method.

Bismuth is the closest material in terms of softness to lead and so has no restrictions on choke and can be loaded in cartridges with a standard fibre wad.

Totally safe for the environment and for use in traditional game guns, these cartridges deliver everything you expect from a Gamebore product, namely the highest quality and outstanding performance.

Loaded in 65mm case length in 12 gauge suitable for most guns including traditional English game and a 70mm 20 gauge load, these will suit the most discerning of game shots where a lead alternative is needed.



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Bismuth	30	4,5	Fibre	16/65	1400
12g Bismuth	32	4,5	Fibre	16/65	1400
20g Bismuth	28	4,5	Fibre	16/70	1400



## 12G + 20G Game & Wetland Steel

### OVERVIEW

12G Super Steel. This high velocity Steel load is suitable for use in standard 2.75" chambered guns in shot sizes 4 and 5. The larger size shot 3 should only be used in high performance steel shot proofed guns with barrels and chokes designed for steel loads.



### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Super Steel	32	3,4,5	Plastic	16/70	1400
20g Super Steel	24	5	Plastic	8/70	1400

## 12G Magnum Steel 3"

### OVERVIEW

Magnum Steel 3" is available with 36 grams of Steel in shot sizes 1, 3 and 4. This cartridge uses double base propellant exclusively imported from the USA. This ensures Gamebore uses the latest advances in steel powder technology to offer truly high performance steel loads.



### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Magnum Steel	36	1,3,4	Plastic	25/76	1460

# 12G Mammoth Magnum Steel 3.5"

## OVERVIEW

Mammoth Magnum Steel 3.5" is the ultimate wildfowl load with high velocity and 1.5oz of large size steel shot. This load will knock down geese at 60yds. This cartridge uses double based propellant exclusively imported from the USA. This ensures Gamebore uses the latest advances in steel powder technology to offer truly high performance steel loads.



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Mammoth Magnum 3.5 Steel Hevi Load	42	BB, 1, 3	Plastic	16/86	1460





## THE COMPETITION RANGE

A Word from George

"I began using White Gold over twenty years ago and I haven't changed in all that time. Without doubt, White Gold have contributed to my continued success at home and internationally since that time. I would not be without them."

*George Digweed*

The choice of multiple World Champion  
George Digweed MBE



# 12G White Gold® *The Champions Choice*

## OVERVIEW

Used by multiple times World Champion George Digweed MBE this is simply the champions choice and a clay cartridge with a reputation second to none. The most serious of shooters put their faith in White Gold® to provide the very best in terms of patterns, performance and quality with smooth recoil and devastating kills.



Continental sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g White Gold®	28	7.5,8	Plastic or Fibre	16/70mm	1450

## TECHNOLOGY OVERVIEW

**DIAMOND SHOT**  
Our precision made, coated shot, graded 5 times for ballistic perfection

**5x**

**Velocity**  
1450 Feet Per Second (FPS)  
**1450FPS**

**World Titles**  
Multiple World Championship titles





# 12G Dark Storm™ Ultimate Performance & Range Competition Load

## OVERVIEW

Building on the blistering performance of the Dark Storm™ game load, this plastic wad competition load is designed for extreme Sporting and FITASC targets, delivering devastating performance and patterns at the longest range.



DIAMOND SHOT®

6.5 2.5mm    7.5 2.4mm    8 2.3mm

Continental sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Dark Storm™	28	6.5,7.5,8	Plastic	20/70	1550
12g Dark Storm™	28	7.5,8	Fibre	20/70	1550



## TECHNOLOGY OVERVIEW

DIAMOND SHOT®

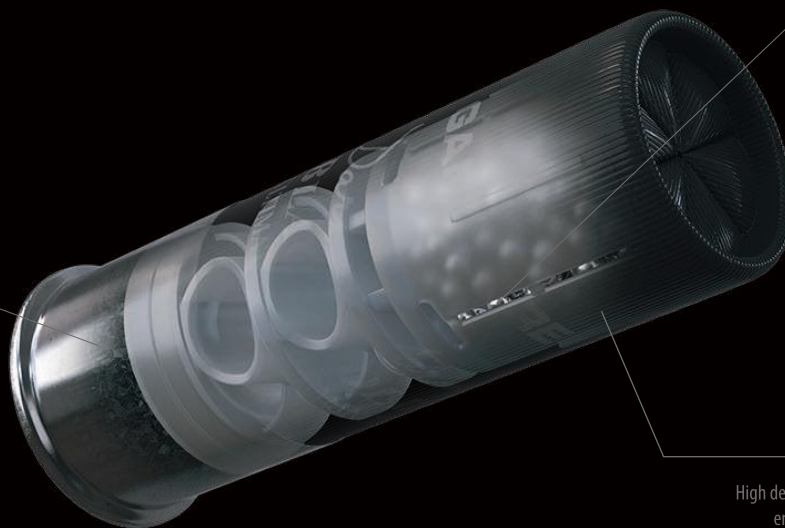
Our precision made, coated shot, graded 5 times for ballistic perfection

5x

### Velocity

Ultra high performance with a muzzle velocity of 1550 feet per second

1550FPS



HD Casing

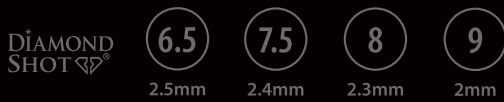
High density plastic case enables maximum performance



# 12G Black Gold® Ultimate Performance Competition

## OVERVIEW

Black Gold® is Gamebore's flagship competition cartridge bringing together the best of the best. In terms of high performance features, such as Gamebore's exclusive Diamond Shot® Gordon Recoil® Reduction System, and a high velocity of 1500fps, this cartridge is the world leader.



Continental sized Diamond Shot®



## Technical Data

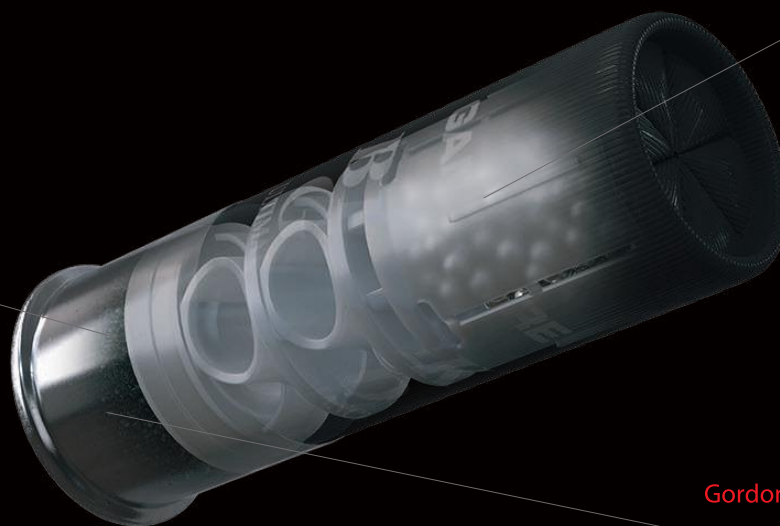
CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Black Gold®	28	7.5,8	Fibre	20/70	1500
12g Black Gold®	28	6.5,7.5,8,9	Plastic	20/70	1500

## TECHNOLOGY OVERVIEW

### Velocity

Ultra high performance with a velocity of 1500 feet per second

**1500FPS**



### DIAMOND SHOT®

Our precision made, coated shot, graded 5 times for ballistic perfection

**5x**

### Gordon Case®

The Gordon Recoil® System reduces felt recoil by up to 15%

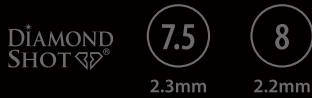
**15%**



# 12G DTL Elite Competition Load

## OVERVIEW

DTL Elite is a carefully crafted load designed to give the ultimate in consistency, performance, recoil and patterns for this demanding discipline. Using Gamebore manufactured, Diamond Shot® coupled with our unique plastic wad system, careful pattern testing and guidance during development from leading DTL shooters means nothing has been left to chance in providing the ultimate DTL cartridge which has been used to win both the British and English titles along with many others. Developed without compromise to give the shooter complete confidence.



English sized Diamond Shot®



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g DTL Elite	28	7.5,8	Plastic	16/70mm	1425

# 12G Blue Diamond™ Competition Load

## OVERVIEW

The Blue Diamond™ delivers outstanding patterns with very moderate recoil due to the Gordon Recoil® Reduction System. Coupled with Diamond Shot™ and Vectan powder available with either plastic or fibre wads this is a must for any competitive shooter seeking performance without excessive recoil.



Continental sized Diamond Shot®



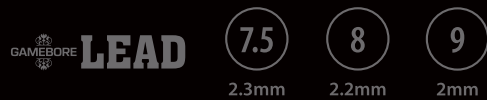
## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Blue Diamond™	24	7.5	Fibre	12/70	1430
12g Blue Diamond™	24	7.5	Plastic	12/70	1430
12g Blue Diamond™	28	7.5,8,9	Plastic or Fibre	12/70	1430

## 12G Evo Competition & Club

### OVERVIEW

A performance load for use at competition level yet still affordable for club shooting. With loads of 21, 24 and 28gms every aspect of the sport is covered. Manufactured in a translucent blue 10mm headed case to keep it affordable but without sacrificing performance, this load has been developed alongside our top level shooters to enable us to cater for the needs of the competitive shooter. The Evo range compromises nothing on quality to deliver the performance you would expect from any Gamebore cartridge.



### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Evo	21	7.5	Plastic	8/65	1395
12g Evo	21	7.5,8	Fibre	8/65	1395
12g Evo	24	8	Fibre	8/65	1420
12g Evo	24	7.5,8,9	Plastic	8/70	1420
12g Evo	28	7.5,8	Fibre	8/70	1420
12g Evo	28	7.5,8,9	Plastic	8/70	1420
12g Evo Low Noise	28	8	Fibre	8/65	Subsonic

## 12G Velocity + Club & Training

### OVERVIEW

We believe that entry level cartridges shouldn't be made by sacrificing quality or performance - ever. Velocity + takes our entry level clay cartridge to another level with Vectan AS powder and our precision made shot, this is a budget cartridge which punches way above its weight to deliver patterns and performance far above its price range. Available with plastic or fibre wads.



### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Velocity+	28	7.5,8	Plastic or Fibre	8/70	1410
12g Hyper Velocity	26	7.5	Plastic or Fibre	8/70	1500

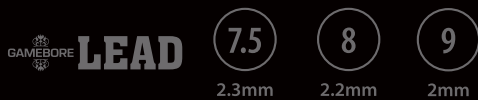


## SMALL GAUGE CLAY CARTRIDGES

### 20G Super Competition

#### OVERVIEW

Our 20G Competition loads are designed to be light on the shoulder. We have loads for beginners, or those that suffer with recoil, through to pro-level competition cartridge available with both a plastic or a fibre wad.



#### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
20g Super Competition	21	7.5	Fibre	8/65	1300
20g Super Competition	24	8	Fibre	8/65	1350
20g Super Competition	24	7.5,8,9	Plastic	8/70	1350
20g Super Competition	28	8	Fibre	8/65	1350
20g Super Competition	28	8	Plastic	8/70	1375
20g Super Competition Low Noise	24	8	Fibre	8/65	Subsonic

### .410 Target

#### OVERVIEW

A smooth shooting load delivering outstanding patterns in a small calibre.



#### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
.410 Target	14	9	Plastic	8/65	1400

## STEEL CLAY CARTRIDGES

### 12G Black Gold® HV Steel Professional Non-Toxic Competition

#### OVERVIEW

Black Gold® HV Steel offers a high performance, non-toxic alternative to lead loads. With a muzzle velocity of 1450FPS and performance at range, this cartridge has won numerous competitions where lead shot is prohibited. A true performance green load. UK SPEC\*\*\* CIP.

STEEL  **7.5**  
2.5mm



#### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Black Gold® HV Steel	24	7.5	Plastic	20/70	1450
12g Black Gold® HV Steel	28	7.5	Plastic	20/70	1450

### 12G White Gold® Pro-Steel Non-Toxic Performance Competition

#### OVERVIEW

White Gold® Pro-Steel has a muzzle velocity of 1400 feet per second, and provides the shooter with a high quality competition load for grounds where the use of lead shot is prohibited. UK SPEC\*\*\* CIP.

STEEL  **7.5** **9**  
2.5mm 2.25mm



#### Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g White Gold® Pro Steel	24	7,5,9	Plastic	16/70	1400
12g White Gold® Pro Steel	28	9	Plastic	16/70	1400



# 12G + 20G Super Steel Non-Toxic Club and Training

## OVERVIEW

Super Steel Competition has been used in Scandinavia for over 30 years with great success following the ban on lead shot. Gamebore introduced it to the UK market as a more economic alternative to lead competition loads. This cartridge has a velocity of 1350 feet per second. UK SPEC\*\*\* CIP.



## Technical Data

CARTRIDGE	LOAD gms	SHOT SIZE	WAD	LENGTH mm	VELOCITY
12g Super Steel	21	7.5	Plastic	8/65	1350
12g Super Steel	24	7.5,9	Plastic	8/70	1350
12g Super Steel	28	7.5,9	Plastic	8/70	1350
20g Super Steel	24	7	Plastic	8/67	1350



# TECHNOLOGY

Gamebore cartridges amalgamate a number of superior and cutting edge components to produce an end product which is world class. Each type of cartridge utilises a different combination of elements to make it specific for its use and requirements.



## QUAD SEAL™

The NEW and exclusive Quad Seal™ gives ballistic consistency not previously achievable, with its revolutionary four-ring design. It reduces recoil, increases striking energy and it is 100% environmentally friendly.



## CX2000 PRIMER

The most highly consistent and reliable primer available, this is used throughout our cartridges to give the shooter the utmost reliability and confidence.



## GORDON CASE®

The legendary and revolutionary designed base wad incorporated within the case head reduces recoil by up to 15% allowing higher performance, long range loads to be developed without adversely affecting the shooter.

Trademarks used under licence by Baschieri & Pellagri



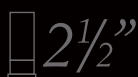
## HD CASE

High density polymer plastic case designed to perform in our premium, high performance range to give easy loading and smooth ejection from a case made specifically for these demanding loads.



## PAPER CASE

With long established credentials for smooth shooting, this is the quintessential game load for English side by side game guns but incorporates modern powder and shot technology to perform on today's game. A true 2 1/2" case (65mm).



## 2 1/2"

A true 2 1/2" (65mm) case for use in guns with 2 1/2" chambers where case length is critical for optimum performance, unlike some manufacturers who use 67mm as a substitute.



## NICKEL BRASS HEAD

Nickel plated to give smooth, consistent and reliable ejection in higher performance loads.



## F2 POWDER

Exclusive to Gamebore in the UK, this range of powders has become synonymous with outstanding performance and delivers blistering speeds at range without excessive felt recoil. The performance of these loads simply cannot be duplicated with other powders.



## M92S POWDER

Exclusive to Gamebore in the UK, this latest, cutting edge development in modern powder technology offers a longer, progressive burn to develop maximum velocity without excessive pressure or recoil and delivers simply outstanding performance at extreme ranges.



## VECTAN® POWDER

Clean burning, reliable, consistently smooth powders from Nobel Sport FR a leader in powder production. Vectan powder is the most premium powder that Nobel Sport FR produce.



## DOUBLE BASE PROPELLANT

High technology, cutting edge powders that are double base (nitro glycerin) which allows us to develop and manufacture high performance loads without excessive recoil, this powder features in our small gauge loads, high performance heavy weights, premium steel and non toxic cartridges. These loads simply cannot be replicated by using single based propellant. Exclusive to Gamebore in Europe.



## GAMEBORE WAD SYSTEM

Plastic wads manufactured in house to unique designs and exacting standards to give consistent performance and deliver perfect patterns every time. Using the very latest manufacturing equipment and best materials available.



### FIBRE WAD

The highest quality, single piece, non fragmenting 100% fibre wads with no plastic components to deliver excellent gas seals and patterns.



### WOOL WAD

Unique wad system using 100% British lambs wool which delivers significantly reduced recoil, improved patterns and a perfect gas seal even in back-bored guns, these wads are essential in heavy loads for high birds where a natural wad is required.



### BIO-WAD®

Building on the Quad Seal™ design, the Bio Wad® is a new full cup wad utilising the same cutting-edge material which is 100% environmentally safe. It incorporates all the benefits of the Quad Seal™ with the addition of a new and unique cup section. The Bio Wad® has petals with newly designed unique 45 degree overlapping edges, giving complete barrel protection.



### DIAMOND LEAD SHOT®

Our precision, lead shot is produced here at Gamebore in the only working shot tower in the UK and used exclusively by ourselves. It is lead shot taken to the next level with this unique process which sees it graded still further and then polished in a revolutionary process to produce shot of a consistency far beyond anything else available which is perfect in its sphericity and accurate, even size to deliver the ultimate in patterns. Simply put, Diamond Shot® is the best quality lead shot in the world.



### GAMEBORE LEAD SHOT

Made and used exclusively by Gamebore, this shot is precision manufactured in the last remaining shot tower in the UK to ensure accurate, even size and perfectly spherical shot which is crucial for delivering consistent patterns.



### STEEL SHOT

Soft steel shot to CIP regulations from one of the world's leading manufacturers, consistent in its sphericity and size for outstanding patterns.



### BISMUTH

High-density 9.6g/cc Bismuth is a premium non-toxic shot. The highly uniform pellets are as soft as lead for maximum energy transfer. Bismuth is also available with fibre wads.



### POWER HOUSE DIVISION

Cartridges developed using exclusive components and extensive R&D, ultra high performance loads designed and developed to deliver the ultimate knockdown and velocity even at long range, these represent the pinnacle in performance cartridges for those high, handsome birds.



### ULTIMATE PERFORMANCE

Developed to ensure all components combine to give their maximum potential and deliver results which are greater than the sum of their parts - simply the cutting edge of performance cartridges.



### HIGH VELOCITY

Cartridges with high velocity ideal for performance use and demanding disciplines where targets are at range.



### EXTENDED RANGE

Muzzle velocity is only part of the story, downrange energy is key to a cartridges long range effectiveness. These cartridges are designed to deliver unsurpassed performance down range where it matters most giving knockdown performance others simply cannot match.



### LOW RECOIL

An ideal cartridge when the shooter needs a cartridge with a soft recoil.



### MODERATE RECOIL

The recoil is moderate and may be reduced further if a heavier gun or other recoil reducing measures are adopted.



### LOW NOISE

Developed where noise is a factor and needs taking into consideration or for use in a moderated gun, a subsonic cartridge produces a flatter, duller noise as the sound barrier is not exceeded.



# EXCLUSIVE

## WHY WE ARE THE BEST?

Loading our award-winning Game and competition winning cartridges relies on getting all aspects of the cartridge right, from the primer, case, powder, wad to the shot. Once the best materials available are acquired they then need to be combined to achieve the maximum benefit from each element whilst ensuring all parts work in harmony. You need to do this with an unmatched degree of accuracy and consistency so the final product is of the very highest quality.

Here at Gamebore we load the ultimate in shotgun cartridges and here's how;



### Quad Seal™

Quad Seal™ technology delivers never seen before knock-down power where it matters most; down range. Designed and developed in house by Gamebore, exclusively for Gamebore, Quad Seal™ gives improved ballistic consistency, noticeably reduced recoil and increased striking energy. Plus it is fully degradable and 100% environmentally friendly.



### ISO 9001

Gamebore are the only UK cartridge manufacturer operating to these exacting standards. The level of attention to detail to achieve and maintain this accreditation means you can have complete and total confidence in every aspect of the quality and consistency of our cartridges and our business as a whole.



### Gordon Case®

Exclusive to Gamebore in the UK this unique recoil reducing system is created by the renowned Italian manufacturers Baschieri and Pellagri. This system is an integral part of the base wad of the cartridge which allows the production of higher performance loads whilst reducing felt recoil by up to 15%. This allows smooth shooting characteristics and a quick recovery time for the second shot whilst allowing cartridges to be produced with increased velocity and performance. Gamebore use only the highest quality cases throughout our range and insist on using CX2000 primers in all our products as these are known throughout the industry to be the most consistent and reliable available.

Trademarks used under licence by Baschieri & Pellagri



### Powders

Gamebore use a range of the highest quality powders available including Vectan and Alliant double base propellants (Alliant powder is exclusive to Gamebore in the UK). We are at the forefront of developing cartridges with the aim of improving downrange speed and effectiveness without excessive pressures and recoil. The old idea that harsh recoil equals high speed is an urban myth. Heavy recoil causes fatigue and discomfort to the shooter, delays recovery time for the second shot and can result in pellet damage and poor patterns, all factors best eliminated from a quality cartridge.

F2 & M92s Powders- These world leading powders are exclusive to Gamebore in the UK and deliver blistering downrange velocity coupled with smooth acceleration to deliver unrivalled performance. The progressive acceleration from these powders reduces felt recoil, minimises pellet damage on ignition of the cartridge and delivers downrange performance second to none. Whether loaded in one of our award winning game or competition cartridges you can be sure of the ultimate in performance, shot after shot.



### Loading and Testing

Utilising some of the very latest and most technologically advanced loading machines in operation, Gamebore are at the forefront of high quality cartridge manufacturing, loading and engineering. When testing cartridges during manufacture, it is essential that the maximum pressure is constantly checked to ensure that cartridges are safe and comply with CIP regulations. However, at Gamebore we go a huge step further and use exclusive, state of the art, high tech testing equipment which measures parameters far beyond just the maximum pressure. These include primer burn time, crimp opening speeds and much more which enables us to tailor cartridge performances in fine detail as well as enabling us to duplicate the exact performance in any specific cartridge time after time. This unique system allows us to produce cartridges which have identical pressure curves to previous batches to give shooters a cartridge which has a consistency of performance that cannot be achieved without this technology. Thus, the discerning shooter receives the most exacting consistency in our cartridges which others simply cannot match.



### Pattern Testing

Speed and consistency are crucial but these are irrelevant if the cartridge can't deliver consistent, even patterns downrange where it matters. Within our factory we have a 45 metre (50 yard) pattern testing tunnel which is not only crucial in the development of new products but is also used to check all our cartridges during manufacturing. This means we can ensure they deliver the best patterns possible time after time.



### Field Testing

Not only are all Gamebore loads extensively scrutinised in our state of the art testing facility to ensure ballistic perfection, we also enlist the expertise of some of the world's most renowned shots to verify their performance in the field before general release. These include professional shots- George Digweed MBE, Simon Ward, David Carrie and Mark Winsler.



### Wads - Plastic and Wool

With our 'quality first' ethos at the forefront of all we do, ensuring the highest quality wads comes as second nature to us. Operating state of the art plastic injection moulding machines, we manufacture wads for both lead and steel shot at our factory to our own unique design which give perfect gas seals, outstanding recoil reduction and perform consistently to deliver outstanding patterns across our range. Gamebore introduced wool wads in 2013 and they were an immediate success with game shooters. The unique material, sourced here in the UK, provides a wad with a cushioning effect which not only reduces recoil and delivers outstanding patterns but also a perfect gas seal due to its unique lateral expansion properties, which is especially important in back bored guns where a normal fibre wad may not.



### Lead Alternatives

Tungsten Matrix & Bismuth were developed by Gamebore to give a material with the same density and malleability of lead shot. This unique material is carefully manufactured by ourselves to produce uniform shot and give tremendous patterns without any restrictions on choke. Downrange energy and effectiveness are unrivalled in this unique material.



### People

High tech equipment, modern production facilities and exacting quality standards are only part of what makes Gamebore cartridges special. This is backed up by a highly dedicated team with 'loads' of first-hand experience, skill, drive and commitment to innovate and develop the best shotgun cartridges available.



MANUFACTURERS OF ENGLISH SHOTGUN CARTRIDGES FOR GAME & CLAY SHOOTING SINCE 1973

Gamebore Cartridge Co Ltd., Great Union Street, Hull, HU9 1AR. England.

e.mail: [info@gamebore.com](mailto:info@gamebore.com)

[www.gamebore.com](http://www.gamebore.com)

