




HEROES ARROW™

September 2021

Available on 

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Business Summary

Draw your bow and aim for big wins in this 20-line slot. Land a hero on the same row as a target symbol to shoot an arrow and win a payout. Red heroes fire burning arrows for hot wins, including the minor, major and grand prizes of up to 500 x your total bet. In Free Games, build the tally with hero prizes and win it every time another hero makes his shot. Land more Scatters to win extra Free Games!

This game can be played on the following devices and orientations:

- Desktop
- Tablet in both landscape and portrait modes
- Mobile in both landscape and portrait modes



For information on supported mobile devices and information on how to configure game limits to control house exposure, see the [GPAS Integration Options](#) document.



This game supports Free Spins Bonus (FSB).

Business Case

- The Grand Prize awarded by Red Heroes in the Arrow Feature pays 500 x the total bet, providing massive win potential.
- Multiple Heroes, including red ones, can land on the same row to award several high-paying prizes.
- In Free Games, players build a tally when the Arrow Feature is triggered and win it at the end of that spin, providing the player with a fun feature to chase.
- Players can retrigger Free Games by landing three or more Scatter symbols.

Game Details

Game Code	gpas_harrow_pop		
Casino Launcher / IMS Game Code	gpas_harrow_pop		
Base Cost	10		
Grid Size / Nº of Lines	3x5 / 20 lines		
Combined Feature Frequency	1 in 22.17 spins		
Player Volatility	3/5		
RTP	96.38%		
Hit Frequency per Max Lines	1 in 3.17 spins		
Maximum Paytable Prize	160 x bet per line		
Win Distribution	Low	Medium	High
Maximum Win (x Total Bet)	1,193 × Total Bet		
Maximum Win Probability (1 in X Games)	1 in 1,000,000,000		
Maximum Win Description	Grand prize plus some coinciding wins		
1000x Total Bet Win Probability (1 in X Games)	1 in 166,666,666		

Base Cost

When configuring a game, you can set a **Base Cost Multiplier**, which multiplies the Base Cost (minimum size bet) set by Playtech. This means that while the number of lines in this game is 20, the Base Cost to play is set to 10 by Playtech - you can then set a Base Cost Multiplier to set the stake levels for the game.

This is an innovative feature that allows Playtech to offer games that are more amenable to cheap Free Spins Bonus promotions, while still allowing Playtech games to deliver the full range of features and winlines.

For example, on this game the Free Spins Bonus can be promoted at a cost of 10p (Base Cost Multiplier 1), while still being able to have the game available at a default cost of 20p (Base Cost multiplier 2) or even 40p (Base Cost multiplier 4).

There are no fractional betting and rounding concerns.

Examples are in the table below:

Base Cost Multiplier	Stake (GBP Example)
1	10p
2	20p
3	30p
4	40p
5	50p

In addition to the base cost, licensees should also set a maximum total bet. It is recommended this is set in relation to what the max win cap will be.

Examples are in the table below:

Win Cap	Recommended Max Total Bet
£100,000	£83.00
£200,000	£166.00
£250,000	£207.50
£500,000	£415.00
£750,000	£622.50
£1,000,000	£830.00
£1,500,000	£1245.00
£2,000,000	£1660.00
£2,500,000	£2075.00

Symbol Details



WILD

The **WILD** symbol substitutes for all symbols, except for the **CASTLE**, **HERO**, and **TARGET** symbols, to make the best winning combination.

The **WILD** symbol appears on reels 2, 3, 4 and 5.



CASTLE

When 3 or more **CASTLE** symbols simultaneously land anywhere on the reels, the **Free Games Feature** is triggered.

The **CASTLE** symbol pays 2, 10 or 50 × the total bet depending on how many symbols have triggered **Free Games**.



HERO

The **HERO** symbol can be green or red.

If the **HERO** symbol appears on a row with the **TARGET** symbol, the **Arrow Shot Feature** is triggered.

The **HERO** symbol appears on reels 1, 2, 3 and 4.



TARGET

If the **TARGET** symbol appears on a row with the **HERO** symbol, the **Arrow Shot Feature** is triggered.

The **TARGET** symbol can only appear on reel 5.

Game Feature

Arrow Shot Feature:

If a **HERO** symbol lands on the same row as a **TARGET** symbol, the **Arrow Shot Feature** is triggered. The **HERO** will fire an arrow, hitting the **TARGET**, and a prize will be awarded.

If the **HERO** symbol is green, possible prizes are the total bet multiplied by 2x, 3x, 4x, 5x and 8x.

If the **HERO** symbol is red, possible prizes are the total bet multiplied by 10x, 15x, 20x (MINOR), 100x (MAJOR) and 500x (GRAND).

The **Arrow Shot Feature** can be triggered multiple times from the same spin.

Free Games Feature:

When 3 or more **CASTLE** symbols land simultaneously anywhere on the reels, the **Free Games Feature** is triggered.

8 **Free Games** are awarded.

During **Free Games**, a tally appears above reel 5 set to zero at the beginning of the feature.

During **Free Games**, if the **Arrow Shot Feature** awards the MINOR, MAJOR or GRAND, this prize will be awarded directly to the player.

However, if the **Arrow Shot Feature** awards any other prize, this will be added to the tally instead.

If one or more **Arrow Shot Feature** is played for a given **Free Game**, the value of the tally meter will be awarded to the player once all **Arrow Shot Features** are played.

During **Free Games**, if 3 or more **CASTLE** symbols land simultaneously anywhere on the reels, 8 additional **Free Games** are awarded.

Free Games are played with the same bet that was placed on the spin that triggered them.

Screenshots

Devices



1. Desktop

Main game reels in the desktop user interface.



2. Mobile

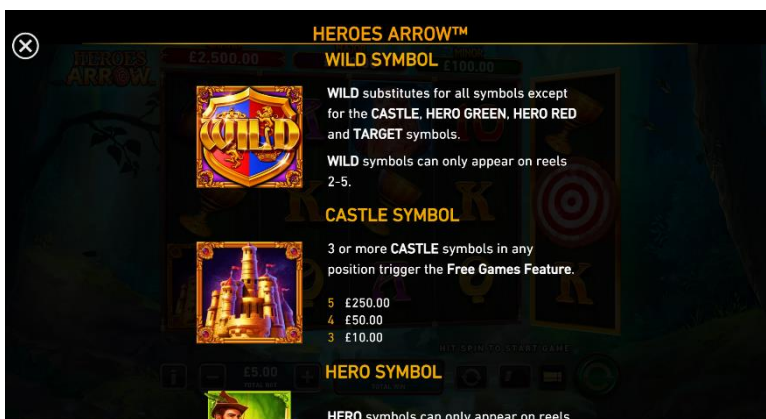
Main game reels in the portrait mobile user interface.

Gameplay



1. Splash Screen

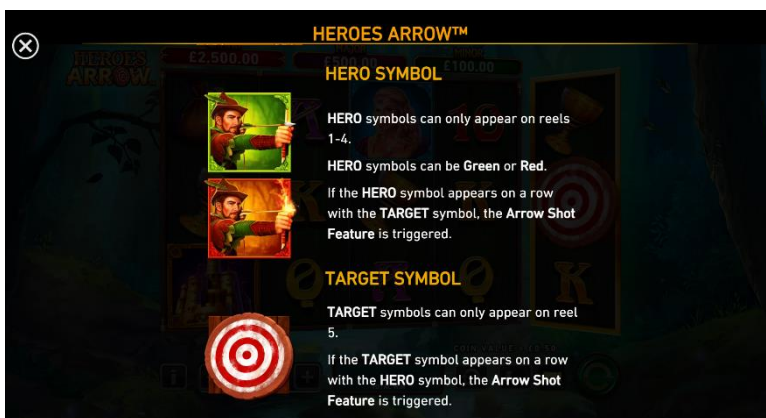
Splash screen of the game.



2. Paytable – WILD and CASTLE Symbols

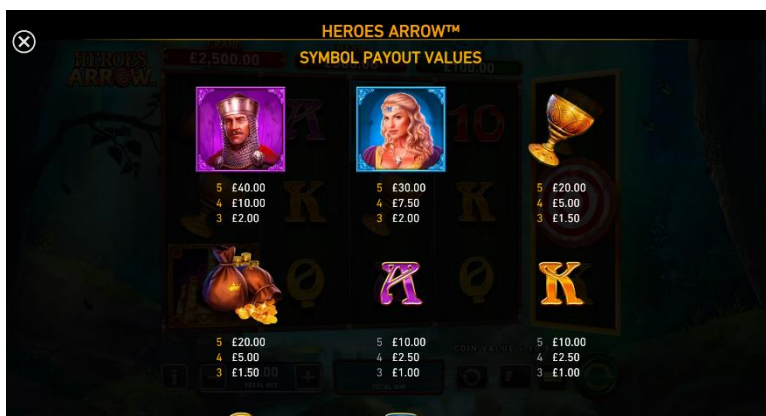
Section of the paytable describing the **WILD** and **CASTLE** symbols.

The paytable is scrollable.



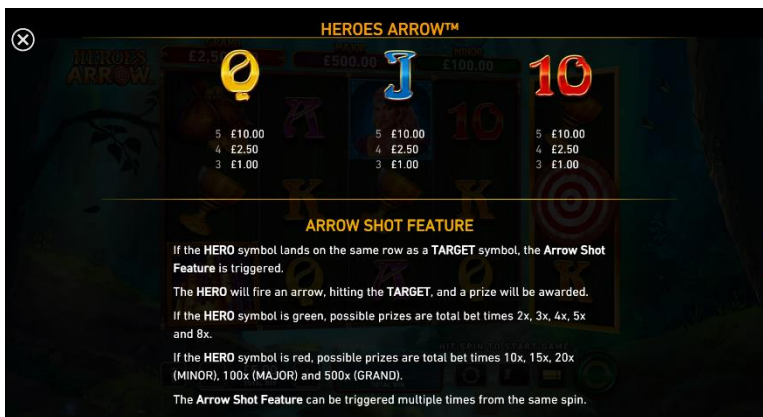
3. Paytable – HERO and TARGET Symbols

Section of the paytable describing the **HERO** and **TARGET** symbols.



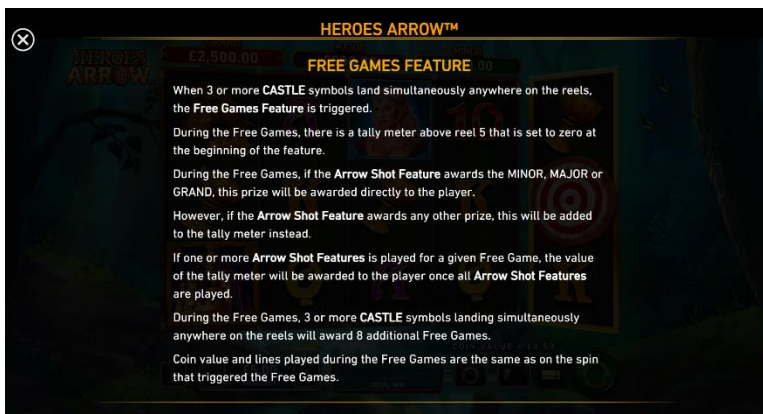
4. Paytable – High-paying and Low-paying Symbols

Section of the paytable listing the high-paying and low-paying symbols and their payouts.



5. Paytable – Arrow Shot Feature

Section of the paytable explaining the **Arrow Shot Feature**.



6. Paytable – Free Games Feature

Section of the paytable explaining the **Free Games Feature**.



7. Paytable – Winning Bet Lines and General Rules

Sections of the paytable illustrating the winning bet lines and explaining the general rules of the game.



8. Arrow Shot Feature Trigger

When a **HERO** symbol lands on the same row as a **TARGET** symbol, the **Arrow Shot Feature** is triggered.

The **HERO** will hit the **TARGET** and win a prize.

More than one **Arrow Shot Features** can be triggered from the same spin.



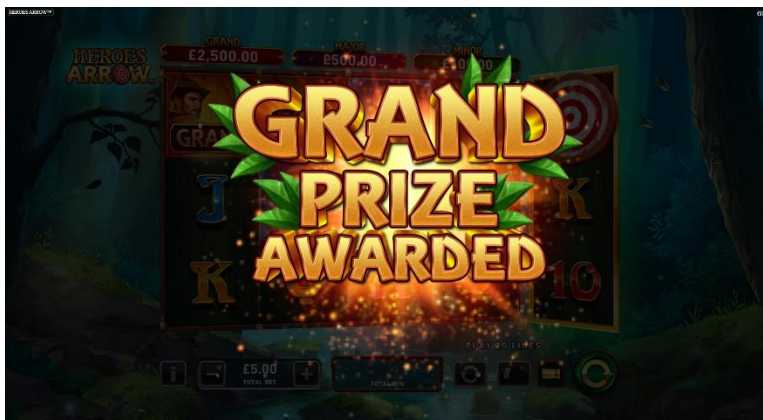
9. Arrow Shot Feature – Green Hero

If the **HERO** symbol is green, possible prizes are the total bet multiplied by 2x, 3x, 4x, 5x and 8x.



10. Arrow Shot Feature – Red Hero

If the **HERO** symbol is red, possible prizes are the total bet multiplied by 10x, 15x, 20x (MINOR), 100x (MAJOR) and 500x (GRAND).



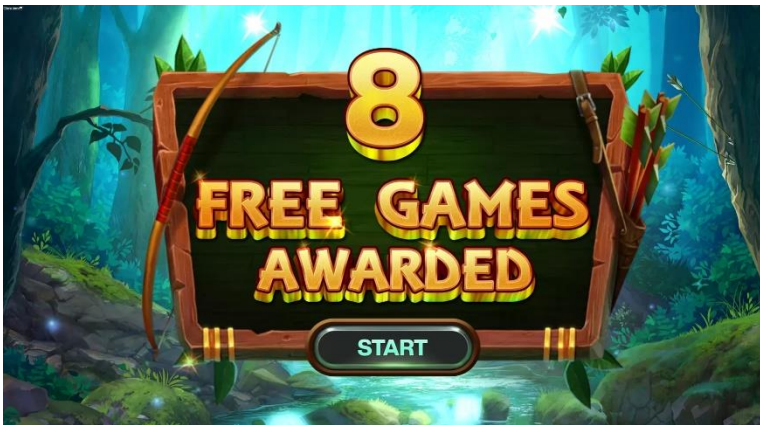
11. Arrow Shot Feature – GRAND Prize

Win splash that appears when the GRAND prize is won.



12. Free Games Feature Trigger

When 3 or more **CASTLE** symbols simultaneously land on the reels, the **Free Games Feature** is triggered.



13. Free Games Feature Pop-up

Pop-up window explaining that the **Free Games Feature** has been triggered and that the player has won **8 Free Games**.



14. Free Games Feature – Arrow Shot Feature

During **Free Games**, if the MINOR, MAJOR or GRAND prizes are won, these are awarded directly to the player. All other prizes from the **Arrow Shot Feature** are collected in the tally above reel 5.

The tallied amount is awarded after each spin the **Arrow Shot Features** are triggered on.

The tally meter never resets during **Free Games**.



15. Free Games Retrigger Pop-Up

Pop-up window explaining that the **Free Games Feature** has been retriggered, awarding **8 more Free Games**.



16. Win Splash – Total Win

Win splash that appears when the **Free Games Feature** ends.



17. Win Splash – Big Win

Win splash that appears when a **BIG WIN** is triggered.

Document Version History

Version	Date	Author	Change Description
1.0	13/08/2021	Kateryna Venger	Initial version.
1.1	19/08/2021	Jasmine Hutchinson	Math update.
1.2	25/08/2021	James Keenan	Wrote business summary + case Update game code Proofread