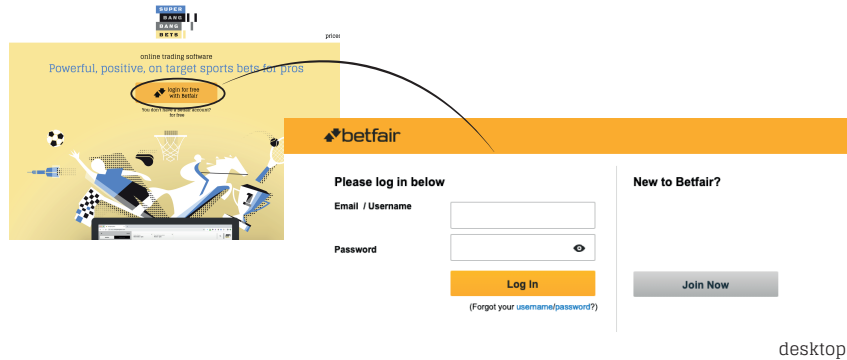


## User Guide

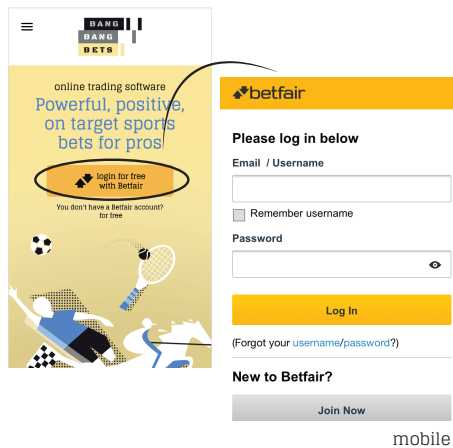
### 1. Login

Logging in to the Bang Bang Bets application is done through the Betfair.com website in an integrated way. Just click on "login for free with Betfair", which will direct you to a Betfair login page, where you will need to enter your username and password (and possibly a 2-step authentication).

As this login is done directly in the Betfair website, your credentials are secure.



desktop



mobile

### 2. API Betfair

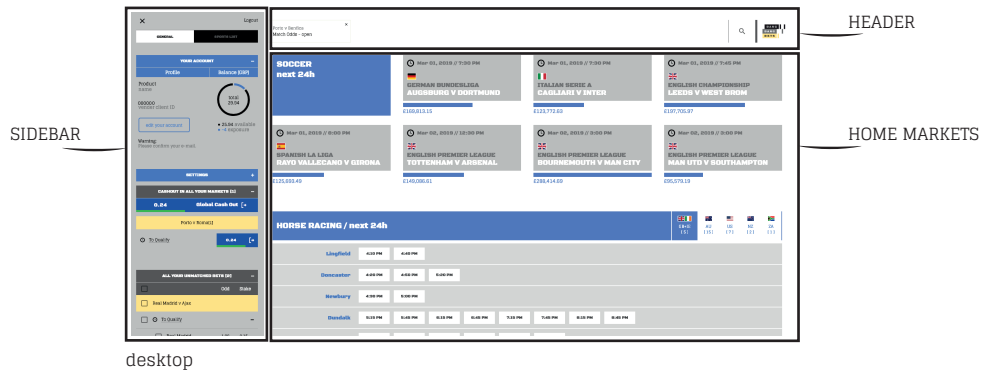
Bang Bang Bets is a software licensed by Betfair, receiving all information through the Betfair APIs, communicating with both API-NG and ESA-api.

All market information (odds, matched and unmatched bets) is obtained instantly through the ESA-api by websockets, so Bang Bang Bets users have access to faster information than most others using alternative software on the market, and certainly faster than the Betfair.com website.

Bang Bang Bets API-NG calls are programmed not to exceed the 5-calls-per-second limit on Betfair, thereby ensuring that you do not have to pay any fees to Betfair (see more at <http://content.betfair.com/aboutus/content.asp?product=exchange&sWhichKey=Betfair%20Charges>), as long as the user does not sign in to Bang Bang Bets in different browsers, as this can count as multiple instances of the application being opened and making calls to Betfair.

### 3. Bang Bang Bets Layout

The layout of Bang Bang Bets is organised into 3 sections: Sidebar, Header and Home Markets.



desktop



mobile

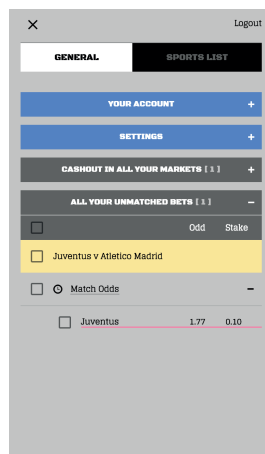
## 4. Bang Bang Bets Sidebar

When you are on a market page, you have three tabs on your SideBar (General + This Market + Sports List).

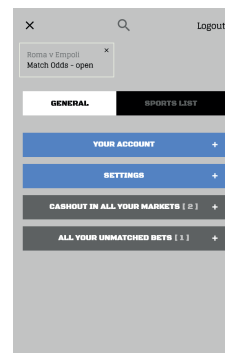
If you are on another page (homepage, for example), you will only have two tabs (General + Sports List).

### 4.1 General

The Sidebar of Bang Bang Bets, in General, is divided into 4 areas: your account, settings, cashout in all your markets and all your unmatched bets.



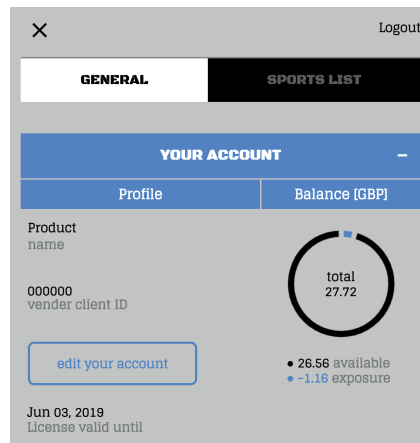
desktop



mobile

### - Your account

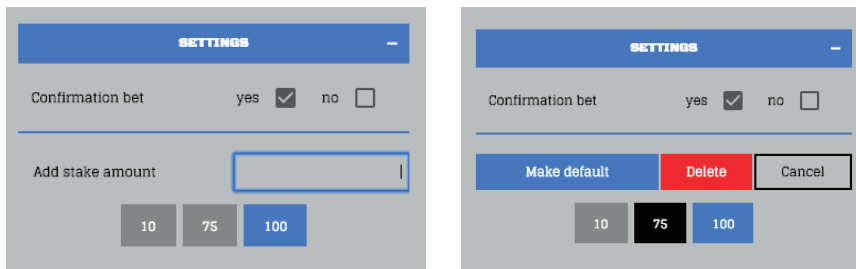
In the "Your account" area you can check the available balance and exposure (total open bets) as well as your vendor client id, which is the unique identifier linking your Betfair account to the Bang Bang Bets application and which you should always mention when to contact our support.



## - Settings

In the "Settings" area you can define your list of personal stakes and the stake you want to use ("default Stake").

As a security measure, you can opt for "bet confirmation", that is, when you place a bet, a pop-up appears to confirm it, so you don't place bets by accident.

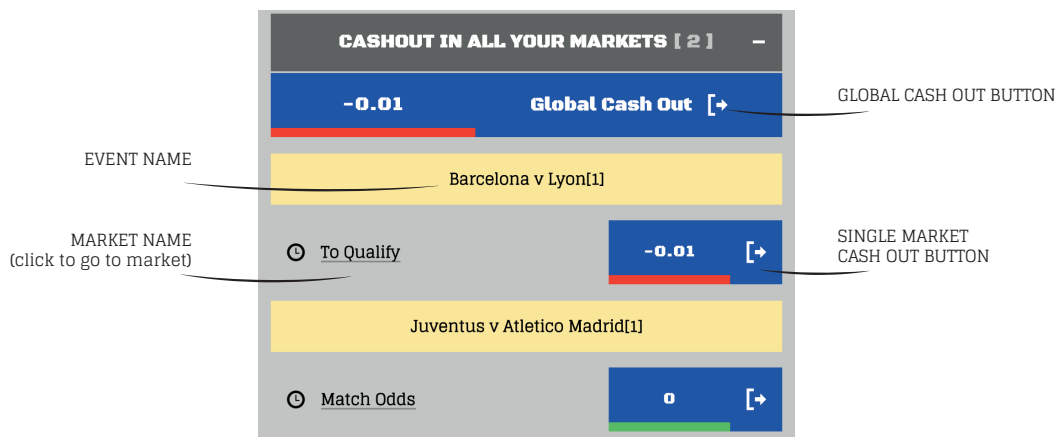


## - Cashout in all your markets

The Cash Out area includes a sort of panic button at the top, which allows you to close all open positions in all markets (global cash out).

**Note:** Cash Out can not be made in markets with more than one winner (Asian Handicap, for example). You must manually close position in the desired selection.

There is also a list of all markets with open bets that you can use to access each of the markets, or even cash out each individual market.



## - All your unmatched bets

In the "All your unmatched bets" area you can quickly view all your unmatched bets in all markets. You can also use this area to cancel these bets or as a shortcut to their respective markets.

**ALL YOUR UNMATCHED BETS [ 2 ]**

	Odd	Stake
<input type="checkbox"/> Juventus v Atletico Madrid		
<input type="checkbox"/> Match Odds		
<input type="checkbox"/> Juventus	2.06	0.10
<input type="checkbox"/> Atletico Madrid	5.8	0.20

**CANCEL [2] UNMATCHED BETS**

	Odd	Stake
<input checked="" type="checkbox"/> Barcelona v Lyon		
<input checked="" type="checkbox"/> To Qualify		
<input checked="" type="checkbox"/> Barcelona	1.21	0.20
<input checked="" type="checkbox"/> Barcelona	1.28	0.20

Labels for the first screenshot:  
 SELECT ALL UNMATCHED BETS (checkbox)  
 SELECT ALL FROM THIS EVENT (checkbox)  
 SELECT ONLY THIS (checkbox)  
 SELECTION NAME (text)

Labels for the second screenshot:  
 click to cancel (button)  
 EVENT NAME (text)  
 MARKET NAME (click to go to market) (text)

## 4.2 Sports list

The market research is presented in tree format, of the type: sport> competition> event> market, in which competitions are ordered alphabetically. On horses and greyhounds there is a "next 24hours" list, which makes it easy to see the next races (sorted by hour).

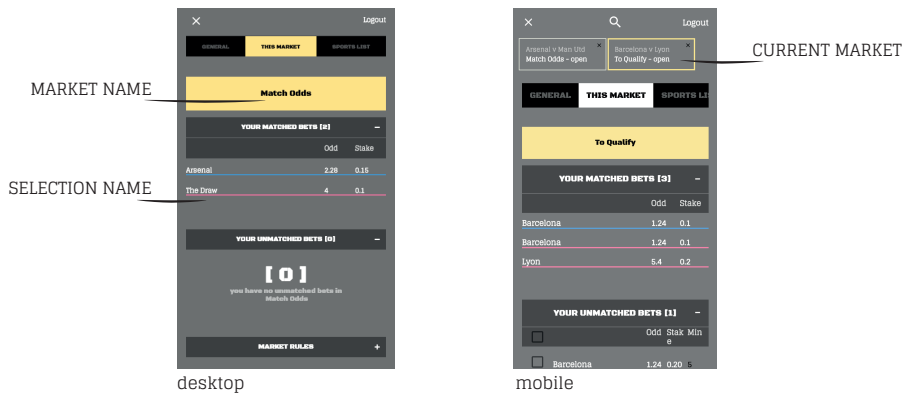
**CLICK TO GO TO MARKET** (points to a race entry)

**CLICK TO SEE ALL SPORTS AGAIN** (points to 'SEE ALL SPORTS' button)

**CLICK TO GO BACK** (points to a category in the tree view)

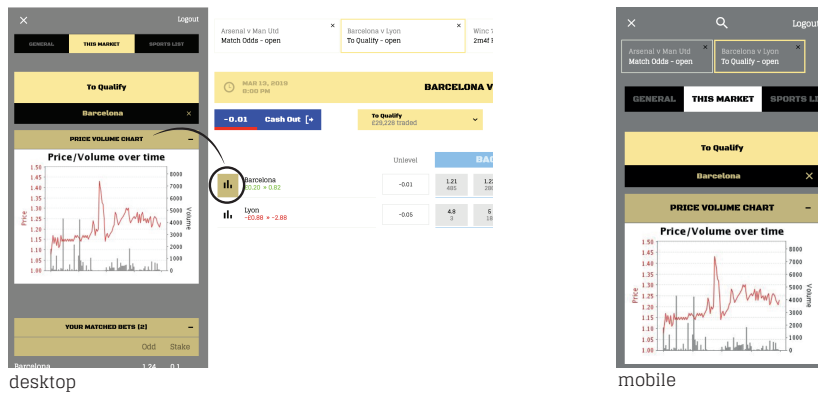
## 4.3 This Market

When you are on a market page, a "This Market" tab appears on your Sidebar. Only the matched and unmatched bets in the selected market will appear, unlike the "General" tab, in which all placed bets appear.



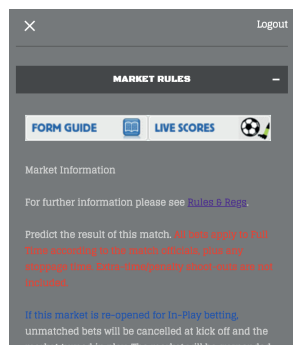
### - Price volume chart

It appears in your sidebar when you click on the selection chart icon. The chart causes the visible values of the matched and unmatched bets to adjust, to show only those corresponding to the chosen selection. To see the full market bets again, simply close the selection, or click the chart icon again.



### - Market Rules

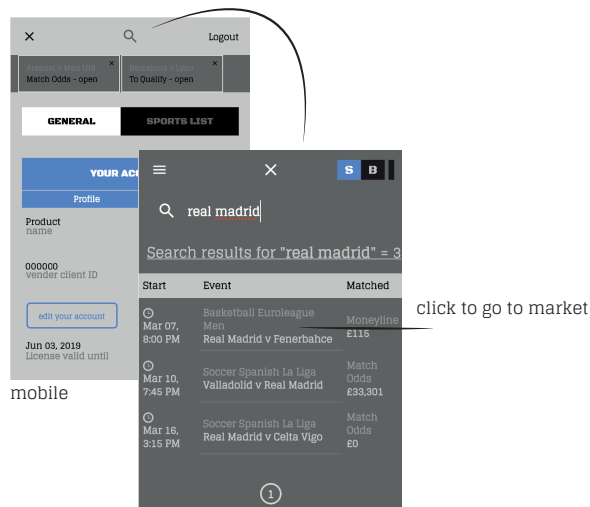
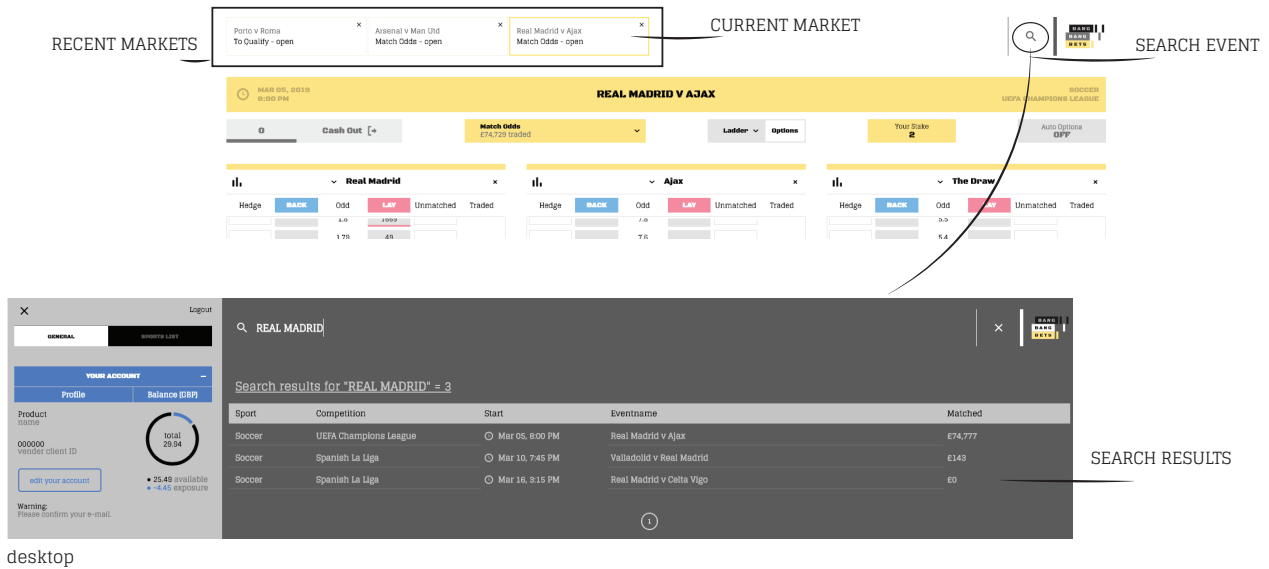
Area reserved for the specific rules of this market, as provided by Betfair.



## 5. Header

This area consists of a "search event" bar and a "recents markets" area. Here there is a search function at the top that lets you search for markets by competition or event name, or even by team. When you search something, a search tab with information about what you have searched for is automatically created.

The current market tab is the one highlighted in yellow and if it is closed it is only removed from the quick access list, ie, all open bets in that market remain. When closing a "recent market" you will be directed to "Home markets".



## 6. Home Markets

### 6.1 Layout

This area is occupied by the prominent markets. First, there are the football markets, those that have more money volume within the next 24h.

Just below, you will find the horse races, also happening in the next 24 hours, but organised by country and racing venues.

Then, in yellow, there is a list of all live markets, organised by sport.

Finally, there are the main tennis and basketball games, also happening in the next 24 hours.



desktop

SOCCER NEXT 24H  
(MORE MONEY VOLUME)

HORSE RACING NEXT 24H  
(ORGANISED BY COUNTRY AND RACING VENUES)

LIVE MARKETS  
(ORGANISED BY SPORT)

TENNIS AND BASKETBALL NEXT 24H  
(MAIN GAMES)



mobile

SOCCER NEXT 24H  
(MORE MONEY VOLUME)

HORSE RACING NEXT 24H  
(ORGANISED BY COUNTRY AND RACING VENUES)

LIVE MARKETS  
(ORGANISED BY SPORT)

TENNIS AND BASKETBALL NEXT 24H  
(MAIN GAMES)

## 7. Market Page

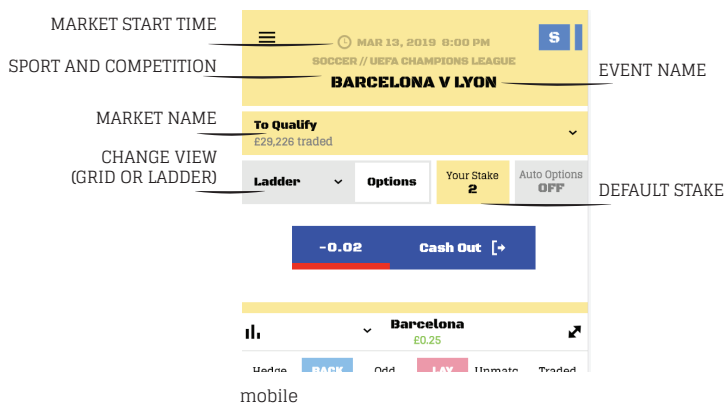
When you click a market, you will enter the Market Page. The market view (Grid or Ladder) that will appear in the application will be the last view you used.

### 7.1 Market Page header

The "Market Page" header is the same in grid and ladder views. Only one "Options" button is added when you use the ladder view.



desktop



mobile

## 7.2 Grid View

A Grid view is a betting interface similar to that available on the Betfair website, but gives you much more information. It is particularly suitable for markets with many selections, such as horse racing, when you want to get an overview of the entire market at the same time.

We present below the layout of the grid view in a horse race.

desktop

PRICE/VOLUME BETFAIR CHART

CLICK TO FOCUS THE PROFIT HERE

CLICK TO PLACE A BACK BET AT SELECTED ODD

CLICK TO PLACE A LAY BET AT SELECTED ODD

PRICE/VOLUME BETFAIR CHART

CLICK TO PLACE A BACK BET AT SELECTED ODD

CARD FORM

CLICK TO PLACE A LAY BET AT SELECTED ODD

mobile

mobile

The grid betting interface is intuitive, very easy to analyse.

There are 5 types of columns in this type of view:

- **Unlevel:** Place a bet focusing on the risk in this selection and without profit in the other selections. This is a cash out option that closes the position in the Market concentrating profit or loss on a single selection (on some mobile phone screens you may need to tilt the phone to see this option - landscape view)
- **Back Odds:** Up to 3 columns of Back odds, with the best 3 odds available;



- **Last traded price (LTP):** shows the odd of the last traded price, with the weight of money indicator below. The Weight of Money indicates a downward trend of the odd, when displayed in red, and a rising trend, when displayed in green. The weight of money is calculated by assigning 50% importance to the best odd, 30% to the second best tick and 20% to the third best tick.
- **Lay Odds:** up to 3 columns of Lay odds, with the 3 best odds available;
- **Matched bets (TRADED):** total amount of bets matched in each selection.

To the left of the name of each market selection there is an icon that you can use to access the corresponding Betfair Chart (Price Volume Chart), which shows in the sidebar the matched and unmatched bets for this selection.

Through the "+" sign next to the Betfair chart icon, you can access the card form of each horse. Information such as "race position" of the last races, age of the horse and pedigree are available here.

To place a bet, click on a blue rectangle (Back) or pink (Lay). When you have "Bet Confirmation" active, you can then change the odd and place bets at the price you want.

### 7.3. Ladder View

The Ladder view is one of the most popular among trading software users, because it is very useful and it's not available on the Betfair website. It gives you an intuitive overview of the odds ladder, so you can easily notice the behaviour of the market and place bets, which will be immediately matched or kept on waiting lists to be matched as soon as the market moves.

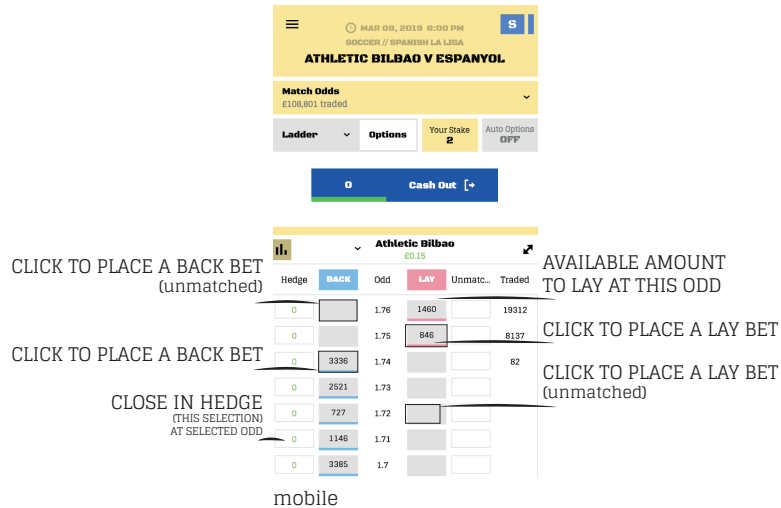
There are many graphical and dynamic indicators in this view that will allow you to quickly and accurately anticipate how the market will react.

Below, we present the ladder layout in a match odds football market.

The screenshot displays the Ladder View for the match Athletic Bilbao v Espanyol. The main interface shows the odds ladder for Athletic Bilbao (€0.15) and Espanyol (-€0.20). Annotations point to specific UI elements:

- CLICK TO PLACE A BACK BET (unmatched)
- CLICK TO PLACE A BACK BET
- CLICK TO CLOSE IN HEDGE (THIS SELECTION) AT SELECTED ODD
- CLICK TO PLACE A LAY BET AVAILABLE AMOUNT TO LAY AT THIS ODD
- CLICK TO PLACE A LAY BET (unmatched)

desktop



The ladder view automatically opens with as many stairs (selections) as can be fit on your screen. If the market has more selections than those visible, you can customise the selections you want to see in 2 ways: by clicking on "Options", to open a new area in the side bar, or on the selection header (ladder).

There are several points in ladder view that you should take into account:

- **Chart column:** a graphical indication of the odd value of the most recent matched bets - each row indicates a change in the last traded price (green for rise and red for descent);
- **Hedge:** a column that allows you to close all bets on a Market selection, distributing profit or loss equally across all selections: profit (green) or loss (red) are displayed for each odd value, so you can easily choose the odd you want to hedge (distribute);
- **Back:** it's the blue column in which you can place your BACK bets (in the odds with available money your bet can be immediately matched, in the empty odds your bet will have to wait to be matched);
- **Odd:** it's the column with all Betfair odds (from 1.01 to 1000);
- **Lay:** it's the pink column in which you can place LAY bets (in the odds with available money your bet can be immediately matched, in the empty odds your bet will have to wait to be matched);

**Traded:** displays the total amount of bets matched at that odd since the market opened.

Whenever a bet is matched in this odd, the new traded value flashes in yellow;

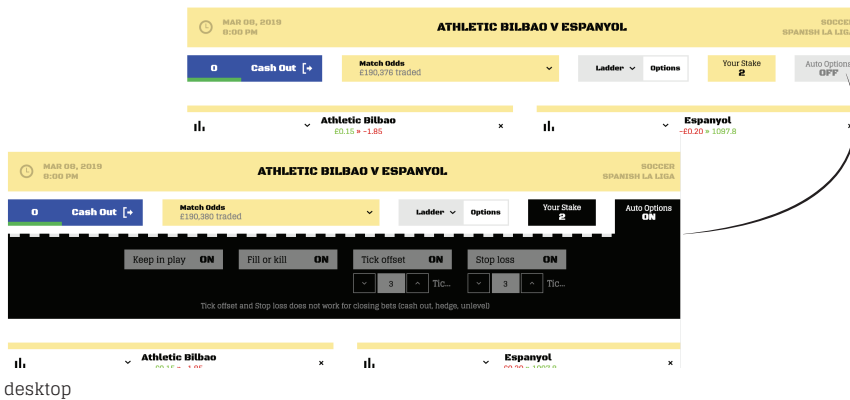
## - Ladder view: fullscreen mobile

market <b>Match Odds</b> // stake // auto <b>OFF</b>					
Roma					
Hedge	BACK	Odd	LAY	Unmatc..	Traded
		1.67			
		1.66	274		
		1.65	2012		
		1.64	1389		580
		1.63	5036		11128
		1.62	2054		3697
		1.61	3331		20970
		1.6	7074		44167
		1.59	5045		66346
	2746	1.58			102525
	8700	1.57			16802
	15288	1.56			4614
	12124	1.55			75

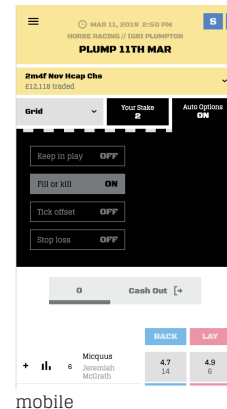
mobile - fullscreen

## 8. Automatic betting

When you turn the Auto Options button on within the Market Page, you can choose to activate one or more of the Automatic Bets that Bang Bang Bets offers: Keep in Play, Fill or Kill, Tick Offset and Stop Loss.



desktop



mobile

### 8.1 Keep in Play

Persist the order to in-play. The bet will be automatically placed in the in-play market at the start of the event. Otherwise the unmatched bet will be canceled when the market suspends to go from pre-live to in-play.

### 8.2 Fill or Kill

Execute the transaction immediately and completely (filled to the amount placed) or not at all (canceled).

### 8.3 Tick offset

This is a betting option that automatically closes a trade on profit with a tick interval previously defined by you:

- If the trade started with a BACK bet, Bang Bang Bets will place a LAY bet x ticks below;
- If the trade started with a LAY bet, Bang Bang Bets will place a BACK bet x ticks above.

The closing trade bet will only be placed when the opening bet amount is matched. If the opening bet is partially matched, then the closing bet will also be partially placed.

### 8.4 Stop Loss

This is a betting option that automatically closes the trade when a maximum loss limit is reached:

- If the trade started with a BACK bet, Bang Bang Bets will place a LAY bet x ticks above;
- If the trade started with a LAY bet, Bang Bang Bets will place a BACK bet x ticks below.

The stop loss bet will only be placed when the opening bet amount is matched. If the opening bet is partially matched, then the closing bet will also be partially placed.