

AlfaGo

Trading robot for the MetaTrader 5 terminal.

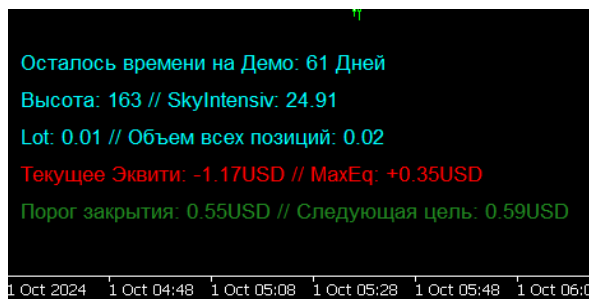
Here is a highly technological trading robot that works on the principle of a modified multi-level martingale, which allows you to average groups of positive and negative orders and can develop a grid of up to 50 orders.

The key feature of the trading robot is a set of auxiliary functions that allow you to automate many tasks. For example, the robot is equipped with special filters that prevent it from placing unnecessary orders and volumes when it is not required to do so. This allows you to avoid unnecessary negative equity on the account. Then it automatically adapts to its own position placement strategy and determines the volume of the next trades, so as not to miss the most favorable trend reversal and close positions with a profit. During testing and configuration, its behavior may surprise you.

The robot's profitability strategy is to make a profit from the price movement in any direction.

1. The initial lot can go along with the trend.
 2. The initial lot goes against the trend, with subsequent orders it gains more volume before the subsequent reversal, and with a positive order or group of orders it makes a big profit and at this point closes all positions.
 3. The robot can sell in one window of the trading instrument and buy in another. One trading pair or instrument has two windows in the MT5 terminal for the operation of the same robot, but in two directions at once: SELL and BUY.
- To determine the zero ratio of positive and negative groups of orders, the ZERO line is drawn in the MT5 currency instrument window.

In the lower-left part of the interface there is an information section of the robot, where you can find a variety of indicators: the volume of all positions or the current order, the profit required to close all orders, the current equity, the current profit trail, the trend height, the number of days of the demo version remaining before the end, the amount of paid time in the commercial versions of.



In the current version, the main settings of the robot are open and you can apply them to any trading instrument.

After installing the trading robot in the MT5 terminal, you will be provided with a wide range of settings for testing, improving and saving them to the SET file for each trading instrument.

Instructions for setting up the AlfaGo robot

The screenshot shows the MetaTrader 5 interface with the AlfaGo robot settings. The top part displays a price chart for 1000PEPEUSD on the M1 timeframe. The bottom part shows the 'Настройки' (Settings) tab with various parameters for the robot.

Советник: AlfaGo_TEST_Ru.ex5

Символ: 1000PEPEUSD M1

Интервал: Последний месяц 2024.10.01 2024.10.20

Форвард: Нет 1970.01.01

Задержки: Без задержек, идеальное исполнение

Моделирование: Все тики

Начальный депозит: 200 USD 1:500 плечо

Оптимизация: Отключена

00:00:37 / 00:00:37

Для вызова справки нажмите F1

Install the robot in the Expert folder of the Metatrader 5 terminal and select it from the list available in the "Settings" tab. Next, go to the "Settings" tab.

Переменная	Значение	Старт	Шаг	Стоп	Шаги
Основные настройки					
<input checked="" type="checkbox"/> Направление Sell или Buy	SELL	BUY		SELL	
<input checked="" type="checkbox"/> Максимальный спред	60	20	1	200	
<input checked="" type="checkbox"/> Magic number	1000	1000	1	10000	
<input checked="" type="checkbox"/> Стартовый объем первого ордера	1000	0.01	0.001	0.1	
<input checked="" type="checkbox"/> Условный доход с первого ордера	0.01	0.1	0.01	1.0	
<input checked="" type="checkbox"/> Кривая прогрессии дохода (0.1-1.5)	0.2	0.21	0.021	2.1	
<input checked="" type="checkbox"/> Коммиссия за откр. ордера или 0	0.01	0.1	0.01	1.0	
<input checked="" type="checkbox"/> Стартовый Коэф до SkyIntensiv	1.2	1.15	0.115	11.5	
<input checked="" type="checkbox"/> Огран. SkyIntensiv (1.3-1.5)	1.35	1.35	0.135	13.5	
<input checked="" type="checkbox"/> Минимал. шаг между ордерами (в Point)	800	95	1	950	
Настройки кривых отката					
<input checked="" type="checkbox"/> Коэффициент отката 1 (для SkyIntensiv)	1.0	1.0	0.1	10.0	
<input checked="" type="checkbox"/> Диапазон 1 (от 0 - до 1) в Points	7000	1000	1	10000	
<input checked="" type="checkbox"/> Коэффициент отката 2 (для SkyIntensiv)	1.0	1.0	0.1	10.0	
<input checked="" type="checkbox"/> Диапазон 2 (от 1 - До 2) в Points	15000	1500	1	15000	
<input checked="" type="checkbox"/> Коэффициент отката 3 (для SkyIntensiv)	1.1	1.0	0.1	10.0	
<input checked="" type="checkbox"/> Диапазон 3 (от 2 - До 3) в Points	21000	2000	1	20000	
<input checked="" type="checkbox"/> Коэффициент отката 4 (для SkyIntensiv)	1.25	1.0	0.1	10.0	
<input checked="" type="checkbox"/> Диапазон 4 (от 3 - До 4) в Points	25000	3000	1	30000	
<input checked="" type="checkbox"/> Коэффициент отката 5 (для SkyIntensiv)	1.29	1.0	0.1	10.0	
<input checked="" type="checkbox"/> Диапазон 5 (от 4 - До *) в Points	50000	4000	1	40000	

In the "Basic Settings" section, you will get access to controlling the robot's behavior and can set parameters, including the grid step, the initial volume of the first order, and the profit size.

In the "Rollback Curve Settings" section, you will have a small test to test your understanding of the robot's strategy philosophy. Although it does most of the work automatically, it needs to be aware of what price movement space it is in and what standards of trend reversals it should rely on. And you also set a virtual pullback curve yourself, as an example: the higher the trend — the lower the reversal, but the problem is that there is no proportionality between the height of the trend and the depth of the reversal (also there is no linear increase in the rollback). Moreover, depending on price dynamics, sharp minute fluctuations, the geometry may not change at all it has a specific value, but this is exactly the problem that the robot already solves thanks to complex search algorithms. Your task is only to correct the curves using the coefficient and a wide range of trend heights.

📁 Основные настройки	
<input checked="" type="checkbox"/> Направление Sell или Buy	SELL
<input checked="" type="checkbox"/> Максимальный спред	60
<input checked="" type="checkbox"/> Magic number	4567
<input checked="" type="checkbox"/> Стартовый объем первого ордера	1000
<input checked="" type="checkbox"/> Условный доход с первого ордера	0.01
<input checked="" type="checkbox"/> Кривая прогрессии дохода (0.1-1.5)	0.2
<input checked="" type="checkbox"/> Коммиссия за откр. ордера или 0	0.01
<input checked="" type="checkbox"/> Стартовый Коэф до SkyIntensiv	1.2
<input checked="" type="checkbox"/> Огран. SkyIntensiv (1.3-1.5)	1.35
<input checked="" type="checkbox"/> Минимал. шаг между ордерами (в Point)	800

"Basic settings"

1. Sell or Buy direction. Since the robot works only in one direction of trading commands, choosing Sell means that the entire order chain will be directed to sell, and choosing Buy-to buy. You can only install one robot in one window. To sell and buy at the same time, set each mode to a separate window of two options.

2. The maximum spread function allows you to temporarily stop the robot's operation if the difference between the Ask and Bid prices exceeds the value you set. This is especially useful during the release of important news or during transitions between the days of the week.

3. The Magic value is necessary in several situations. If you perform purchase and sale operations for the same instrument in different windows, then you must set different values for. For example, in Sell mode, you can set 111, and in Buy — 222. The numbers don't really matter, the main thing is the difference. You can also just set 1 and 2. It is also recommended to use different Magic numbers if you apply different grid parameters for the same tool and in the same direction. For example, if one robot went into a long drawdown and reached the expected bottom, and the drawdown can last for a month, then instead of waiting, you can start another robot - a stand-in who will earn money on fluctuations in the bottom. That's why you need a different Magic.

4. The starting volume is the minimum value that the broker offers for the selected instrument. You can get acquainted with the characteristics of the instrument on the broker's website. You can also enter the "one-click trading" mode and see what the

minimum value of the trading instrument volume is offered by the terminal. The first number after zero will be the minimum amount of. However, you can increase this parameter manually: instead of 0.01, make 0.03, and so on. Before calculating your risks, check the strategy tester to see what the relative drawdown was in the history for a given time interval. In this demo version of the robot, the "Auto-balance" function is disabled.

5. The conditional income function from the first order allows you to set the desired amount of profit that you want to get from a certain number of trades. As soon as the order grid is created, the function automatically starts calculating the expected profit. This profit will be displayed as the closing threshold in the lower-left corner of the screen. As soon as the robot reaches this threshold, it will start closing orders. However, if the trend continues to move in the direction of profit, the robot will automatically turn on the thrall mode and try to extract even more profit.

6. The income progression curve is a parabola that changes the relationship between the number of grids, the volume of orders, and the desired profit. The parameters indicate the effective working range, and the larger it is, the higher the profit will be with each new order in this grid.

7. The open volume commission is directly proportional to the initial volume and the subsequent total volume of all orders. Some brokers charge a commission for closing a trade (especially in crypto currencies), and this condition can be specified in these settings.

8. The starting coefficient to SkyIntensiv is a manual coefficient for the first 5 orders. It often requires an individual approach, since in some tools the pullback curve at the beginning is very narrowed and you need to crawl against the trend on small fluctuations. By itself, the SkyIntensiv volume generator starts working in a heated trend state, when the grid is already filled with 5-6 positions.

9. SkyIntensiv limit-the SkyIntensiv generator automatically calculates the exact coefficient, which is multiplied by the size of the starting lot and creates the desired amount of money. In high-frequency trading, this coefficient can vary from 0.9 to 1.45. If you want to increase the tool steps several times, you must also increase the maximum value for SkyIntensiv. Why is there a restriction? Sometimes, in currency instruments, there may be a momentary spike in the price up on the background of news, followed by a quick pullback down. To prevent the generator from setting too large volumes and risking your capital, it is recommended to limit such situations.

10. The minimum step between orders is the starting value in points set by the robot. It can change this step at any time according to its algorithm, but usually does not set it less than the specified. The grid itself is well suited for the algorithm of high-frequency trading on a minute timeframe, but you can customize it as you like.

Настройки кривых отката	
<input checked="" type="checkbox"/> Коэффициент отката 1 (для SkyIntensive)	1.0
<input checked="" type="checkbox"/> Диапазон 1 (от 0 - до 1) в Points	7000
<input checked="" type="checkbox"/> Коэффициент отката 2 (для SkyIntensive)	1.0
<input checked="" type="checkbox"/> Диапазон 2 (от 1 - До 2) в Points	15000
<input checked="" type="checkbox"/> Коэффициент отката 3 (для SkyIntensive)	1.1
<input checked="" type="checkbox"/> Диапазон 3 (от 2 - До 3) в Points	21000
<input checked="" type="checkbox"/> Коэффициент отката 4 (для SkyIntensive)	1.25
<input checked="" type="checkbox"/> Диапазон 4 (от 3 - До 4) в Points	25000
<input checked="" type="checkbox"/> Коэффициент отката 5 (для SkyIntensive)	1.29
<input checked="" type="checkbox"/> Диапазон 5 (от 4 - До *) в Points	50000

"Settings for rollback curves"

This feature is very important because it brings out the full potential of the AlfaGo grid robot.

The program already has a standard sinusoid curve template designed for the EUR / USD pair, which also resembles the charts of many trading instruments. The step between orders stretches this pattern proportionally. However, if you want to make more profit, especially during periods of deep drawdowns, you can adjust the robot's pullback curve by setting the necessary parameters for your sinusoid shape. You can also change the parabola of the profit curve by increasing it at the end to achieve greater success in rare but large trades. It all depends on your preferences and goals.

Now a little theory: why do we need this pullback curve?

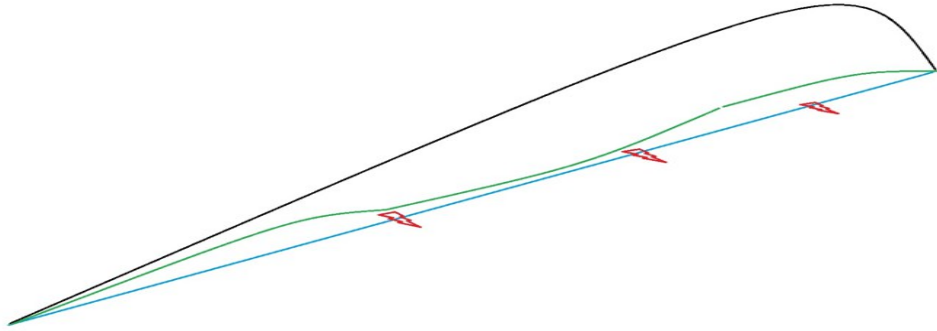
Here are the facts of statistics for EUR / USD, the trend has a recoilless range of about 4000 Points, where the rollback is on average 730 Points.

Переменная	EUR/USD	Значение
Основные настройки		
<input checked="" type="checkbox"/> Направление Sell или Buy		SELL
<input checked="" type="checkbox"/> Максимальный спред		35
<input checked="" type="checkbox"/> Magic number		456
<input checked="" type="checkbox"/> Стартовый объем первого ордера		0.01
<input checked="" type="checkbox"/> Условный доход с первого ордера		0.56
<input checked="" type="checkbox"/> Кривая прогрессии дохода (0.1-1.5)		0.9
<input checked="" type="checkbox"/> Комиссия за откр. ордера или 0		0.02
<input checked="" type="checkbox"/> Стартовый Коэф до SkyIntensiv		1.24
<input checked="" type="checkbox"/> Огран. SkyIntensiv (1.3-1.5)		1.4
<input checked="" type="checkbox"/> Минимал. шаг между ордерами (в Point)		93
Настройки кривых отката		
<input checked="" type="checkbox"/> Коэффициент отката 1 (для SkyIntensive)		1.1
<input checked="" type="checkbox"/> Диапазон 1 (от 0 - до 1) в Points		800
<input checked="" type="checkbox"/> Коэффициент отката 2 (для SkyIntensive)		0.97
<input checked="" type="checkbox"/> Диапазон 2 (от 1 - До 2) в Points		1400
<input checked="" type="checkbox"/> Коэффициент отката 3 (для SkyIntensive)		1.15
<input checked="" type="checkbox"/> Диапазон 3 (от 2 - До 3) в Points		2500
<input checked="" type="checkbox"/> Коэффициент отката 4 (для SkyIntensive)		1.03
<input checked="" type="checkbox"/> Диапазон 4 (от 3 - До 4) в Points		3000
<input checked="" type="checkbox"/> Коэффициент отката 5 (для SkyIntensive)		1
<input checked="" type="checkbox"/> Диапазон 5 (от 4 - До *) в Points		4000

At the height of 1300 Points, it has a maximum rollback of 360-370 Points, if you skip it, you can return to the starting value of 4000 Points, and since we laid equity at the length of 4000 Points with a full clip of grid orders, we will have a chance to merge a deposit at a loss in the length of 5300 Points, as the deposit is not enough. For practical research, set

the start date from 19.08.2015 to 28.08.2015, Sell direction. Further, the price drew a similar figure in 2022, which means that it is probably tomorrow.

In this situation, it is important to pay attention to the 900-1500 Points range and select the curve coefficient for different date runs, narrowing it to 0.96 from coefficient 1. When in the middle of the trend at the height of 2500-2900 Points, the pullback stretches to 570-600 Points and you can stretch more, up to 1.15 from the coefficient, or increase revenue, but please note that the function The "manual curve" in the form of a sine wave for profit is not implemented in this robot, but only has a simple arc-shaped shape.



The figure with the example above shows a trend in the Sell direction with a pullback(black line), the blue line has a linear extension, which is formed in a simple formula: the volume with each step is multiplied by the same coefficient, and so step by step, the capabilities of the AlfaGo robot allow you to draw a green line in the form of a sine wave.

In conclusion. As the developer of this robot, I sincerely believe that you, as a user, can easily understand the settings of the Expert Advisor and it will become an indispensable tool for you to earn money on various currency instruments.