Botket EUR USD Automation

Automated Trading Strategy — How It Works

1. Overview

This document describes the operation of the Botket EUR USD Automation (EA) — a fully automated trading system built for the MetaTrader 4 platform. The EA is designed exclusively for the EUR/USD currency pair and requires no manual intervention once deployed. It autonomously detects market trends, executes trade entries, manages open positions, and closes trades at profit — all without human input.

Platform	MetaTrader 4 (MT4)
Currency Pair	EUR/USD (EURUSD)
Version	1.00
Developer	botket | © 2026
Operation Mode	Fully Automated — No manual input required

2. Trend Detection

The EA uses a built-in proprietary trend detection tool to continuously monitor the EUR/USD market. It determines whether the market is in an uptrend (bullish) or downtrend (bearish) condition before taking any action. No trade is opened unless a clear directional trend has been confirmed by the tool.

- Monitors market conditions in real time
- Identifies bullish (upward) or bearish (downward) trends
- Only acts on confirmed trend signals — no false entries

3. Trade Entry

Once a trend is confirmed, the EA opens the first trade in the direction of that trend using the lot size pre-selected by the user. For an uptrend, a Buy order is placed. For a downtrend, a Sell order is placed. The EA then monitors the trade continuously.

4. Position Management — Averaging Strategy

If the market moves against the initial trade, the EA does not close the position at a loss. Instead, it waits for a strategically favorable price level and opens an additional trade in the same direction as the original. This process — known as averaging — can repeat multiple times.

With each new trade added, the EA automatically increases the lot size to apply greater weight at a better price level, bringing the overall average entry price closer to the current market. Simultaneously, the Take Profit levels across all open trades are recalculated and adjusted to reflect the new blended average entry price.

5. Real Trade Examples

The following tables are drawn from actual trade history and illustrate how the EA behaves in both a downtrend and an uptrend scenario.

Downtrend Example — 14 May 2026 (Sell Trades)

Trade #	Direction	Lot Size	Entry Price
1	Sell	3.00	1.17061
2	Sell	3.00	1.17084
3	Sell	3.00	1.17102
4	Sell	3.83	1.17123

All four sell trades closed at a unified Take Profit level of 1.17060, returning a combined profit on the session.

Uptrend Example — 15 May 2026 (Buy Trades)

Trade #	Direction	Lot Size	Entry Price
1	Buy	3.00	1.16536
2	Buy	3.00	1.16515
3	Buy	3.00	1.16493
4	Buy	3.83	1.16472
5	Buy	3.83	1.16450

6	Buy	3.83	1.16418
7	Buy	5.53	1.16378
8	Buy	5.53	1.16343

All eight buy trades closed at a unified Take Profit of 1.16470. The EA progressively increased lot size from 3.00 → 3.83 → 5.53 as it added positions, accelerating the recovery once the market reversed upward.

6. Automatic Lot Size Progression

The EA does not use a fixed lot size across all trades in a sequence. It automatically increases the lot size with each additional trade placed during the averaging process. This ensures that later trades — placed at more favorable price levels — carry greater weight and help recover losses from earlier positions more efficiently once the market moves in the intended direction.

From the trade history, the following progression was observed:

- Initial trades: 3.00 lots
- Second tier: 3.83 lots
- Third tier: 5.53 lots

7. Take Profit

Every trade opened by the EA carries its own Take Profit (TP) level. As additional trades are added to the sequence, the EA automatically recalculates the blended average entry price across all open positions and adjusts the TP levels accordingly. This ensures all trades in a sequence close at a profitable level simultaneously when the market reaches the target.

8. Stop Loss

The EA does not use a Stop Loss on any trade. It relies entirely on its trend detection logic and the averaging strategy to recover from adverse market movements. The assumption is that the identified trend will ultimately prevail, allowing all averaged positions to close at a profit.

⚠️ **Risk Note:** The absence of a Stop Loss means that in the event of a sustained trend reversal, drawdown can accumulate significantly. It is strongly recommended to deploy this EA on a dedicated account with capital allocated specifically for this strategy.

9. Verified Performance

The Botket EUR USD Automation has undergone a rigorous testing process before being deployed on a live trading account. The following outlines our testing and live trading timeline:

- Demo Account Testing (5 Months) — The EA was first run on a demo account for a full 5 months to validate its trend detection logic, averaging strategy, and overall consistency across different market conditions. During this phase, the system was monitored closely and fine-tuned to ensure reliable performance.
- Live Account Launch (3 Months Ago) — Following successful demo testing, the EA was deployed on a live trading account 3 months ago. It has since been running fully automated with real capital.
- Live Account Result — Last Week — The screenshot and figures below reflect the EA's performance on the live account during the most recent week of trading.

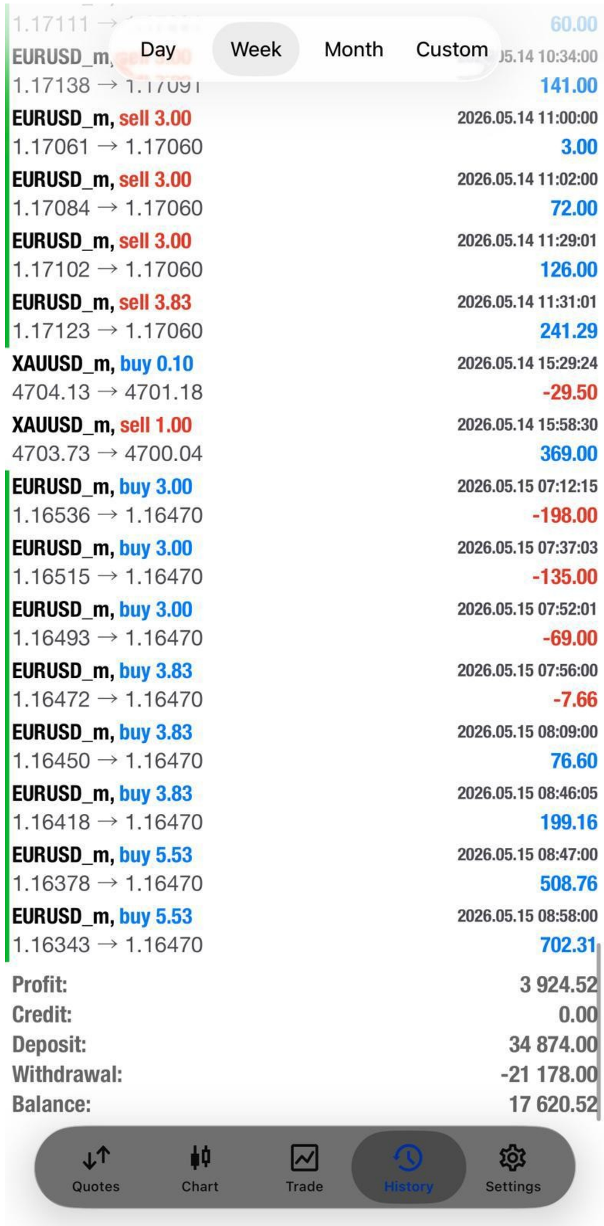
The following figure is taken directly from the live MT4 account trade history for the week shown:

Weekly Profit

$3,924.52

Trade History Screenshot — MT4 Reference

The screenshot below is taken directly from the MetaTrader 4 platform and shows the actual trade history used as reference for this document.



Live MT4 Chart — Active Trades (18 May 2026)

The screenshot below shows the live MetaTrader 4 platform with the EA actively running on the real account. Two open buy positions are visible on the EUR/USD 1-minute chart, with Take Profit levels clearly marked. The Navigator panel confirms the EURUSD Expert Advisor is loaded and active on the Alpari live account.

10. Real Trade Examples & Averaging Scenarios

This section provides real trade examples taken from the live account history, followed by step-by-step scenario walkthroughs that illustrate exactly how the averaging strategy works in practice.

Example A — Downtrend Sell Sequence (14 May 2026)

The EA detected a downtrend and opened an initial sell at 1.17061. As price temporarily moved upward against the trade, the EA averaged down by adding 3 more sell positions at progressively higher prices with increasing lot sizes. Once the market resumed its downward direction and hit the unified Take Profit at 1.17060, all 4 trades closed simultaneously in profit.

Trade #	Direction	Lot Size	Entry Price	Take Profit	Profit
1	Sell	3.00	1.17061	1.17060	**+3.00**
2	Sell	3.00	1.17084	1.17060	**+72.00**
3	Sell	3.00	1.17102	1.17060	**+126.00**
4	Sell	3.83	1.17123	1.17060	**+241.29**

Total profit from this sequence: **+$442.29**

Example B — Uptrend Buy Sequence (15 May 2026)

The EA switched direction after detecting an uptrend and opened the first buy at 1.16536. Price initially continued falling, triggering 7 more averaging buy trades at lower prices with escalating lot sizes (3.00 → 3.83 → 5.53). Once price recovered to the averaged Take Profit level of 1.16470, all 8 trades closed together, generating a strong combined profit.

Trade #	Direction	Lot Size	Entry Price	Take Profit	Profit
1	Buy	3.00	1.16536	1.16470	**-198.00**
2	Buy	3.00	1.16515	1.16470	**-135.00**
3	Buy	3.00	1.16493	1.16470	**-69.00**
4	Buy	3.83	1.16472	1.16470	**-7.66**
5	Buy	3.83	1.16450	1.16470	**+76.60**
6	Buy	3.83	1.16418	1.16470	**+199.16**
7	Buy	5.53	1.16378	1.16470	**+508.76**
8	Buy	5.53	1.16343	1.16470	**+702.31**

Total profit from this sequence: **+$1,076.17**

How the Averaging Works — Step by Step Scenario

Scenario: EA detects an uptrend on EUR/USD

- Step 1 — Trend detected as bullish. EA opens Buy Trade #1 at 1.16536 with 3.00 lots. Take Profit set at 1.16570.
- Step 2 — Price drops to 1.16515 instead of rising. EA does not close or panic. It identifies this as a better entry opportunity.
- Step 3 — EA opens Buy Trade #2 at 1.16515 with 3.00 lots. The averaged entry price is now 1.16525. Take Profit is recalculated and adjusted downward to reflect the new average.
- Step 4 — Price continues falling to 1.16493. EA opens Buy Trade #3 at 1.16493 with 3.00 lots. Average entry now moves closer to current price. TP adjusted again.
- Step 5 — EA adds further trades at 1.16472, 1.16450, 1.16418 with increased lot sizes of 3.83 lots each, continuing to lower the average entry and shift the TP down.
- Step 6 — Lot size increases again to 5.53 for trades at 1.16378 and 1.16343, placing maximum weight at the lowest price levels.
- Step 7 — Market reverses upward as the original trend reasserts itself. Price climbs toward the unified Take Profit level of 1.16470.
- Step 8 — All 8 trades hit Take Profit simultaneously at 1.16470. Despite early trades being in drawdown, the heavier lot sizes on the lower trades generate enough profit to cover losses and produce a net gain of +$1,076.17.

Key Insight: The averaging strategy turns a losing sequence into a winning one by increasing position size at better prices. The larger the drawdown phase, the more aggressively the bot positions itself for the recovery — and the greater the profit when the trend resumes.

11. Summary — How It Works Step by Step

- Step 1 — The EA scans the EUR/USD market in real time using its built-in trend detection tool.
- Step 2 — When a clear uptrend or downtrend is identified, the EA opens the first trade in that direction at the user-defined lot size.
- Step 3 — If the market moves against the trade, no Stop Loss is triggered. Instead, the EA waits for a favorable price and opens a second trade in the same direction with an increased lot size.
- Step 4 — This averaging process repeats as needed, with lot sizes increasing automatically at each tier.
- Step 5 — With every new trade added, the EA recalculates the average entry price and adjusts all Take Profit levels accordingly.
- Step 6 — Once the market moves back in the trend direction and the unified Take Profit level is reached, all trades in the sequence are closed simultaneously at a profit.
- Step 7 — The EA then resets and waits for the next confirmed trend signal to repeat the process.