

FX Harvest PRO | ALGO

English user manual for the licensed **ALGO** add-on in FX Harvest PRO for MetaTrader 4 and MetaTrader 5.

IMPORTANT: **ALGO** can open and close trades automatically. Test the complete configuration on a demo account before enabling it on a real account.

Description

ALGO automates selected entry and exit conditions from the current chart. Opening and closing are controlled separately, so you can enable only the part of the process that you need.

The module supports:

- ✓ moving-average (**MA**) conditions
- ✓ Stochastic (**Stoch**) conditions and filtering
- ✓ **RSI** conditions
- ✓ an opposing candle (**Rev**)
- ✓ a **Pinbar**
- ✓ a confirmed breakout (**BO**)
- ✓ a compatible **Arrow** signal feed when one is detected

ALGO does not evaluate whether a setup is suitable for your account. Position size, **SL**, **TP** and the trading permissions come from the active Harvest configuration.

Key features

- ✓ separate automatic opening and closing

- ✓ independent **BUY** and **SELL** directions
- ✓ market orders or **STOP** orders
- ✓ a limit for concurrently open ALGO trades
- ✓ optional shutdown after the first opened trade
- ✓ separate MA and Stochastic parameters for opening and closing
- ✓ advanced hours, signal-candle and risk-related settings in the EA inputs

Requirements

- FX Harvest PRO version **8.89** for MT4 or MT5
- a license that includes the **ALGO** add-on
- **AutoTrading** enabled in MT4 or **Algo Trading** enabled in MT5 before automatic execution
- a chart with sufficient price history for every enabled indicator condition

The **Arrow** controls are shown only when Harvest detects a compatible arrows feed. Their absence does not prevent the other ALGO conditions from working.

Installation

The add-on is part of the main Harvest EA; there is no separate ALGO program file.

1. Install **FXHarvestPro_EN.ex4** in MT4 or **FXHarvestPro_EN.ex5** in MT5 as described in the main FX Harvest PRO manual.
2. Attach FX Harvest PRO to the chart that you want the module to monitor.
3. In the EA properties, allow automated trading.
4. On the Harvest horizontal panel, select **A**.

The ALGO panel appears below the horizontal Harvest panel. If it does not appear, see [The ALGO panel does not open](#).

First run

Start with one entry condition and keep automatic closing disabled until you have checked the opening logic.

1. Select **A** on the horizontal Harvest panel.
2. Keep either **BUY**, **SELL**, or both selected.
3. In the **OPEN** section, select one condition such as **MA**, **Stoch**, **RSI**, **Rev** or **Pinbar**.
4. Check the condition's numeric fields.
5. Enable **AutoTrading** in MT4 or **Algo Trading** in MT5.
6. Select **AUTO -** to enable automatic opening.

When opening is enabled, the button changes its active state. Harvest then waits for a new condition that matches the selected direction and the current settings.

Module settings

The tables below list the controls shown in the EN build. Defaults describe a fresh Harvest configuration; saved panel settings can replace them.

General opening controls

English label	Default	Effect
BUY	On	Allows automatic BUY trades.
SELL	On	Allows automatic SELL trades.
1 & OFF	On	Turns automatic opening off after the first trade is opened.
STOP	Off	Places a STOP order above or below the signal candle instead of entering at market.
STOP distance field	1.0 pips	Sets the offset from the signal candle for a STOP order.

English label	Default	Effect
Rev	Off	Uses an opposing candle as an opening condition.
Pinbar	Off	Uses a pinbar as an opening condition.
BO	Off	Enables opening after a confirmed breakout.
BBuy: OFF / BSell: OFF	Off	Shows and positions the breakout level for the selected direction.
breakout distance field	10.0	Sets the maximum distance from the break-out level for market execution; beyond it, Harvest places a LIMIT order at the breakout level.
Max open	1	Limits concurrently open ALGO trades. 0 means no limit.
AUTO -	Off	Enables or disables automatic opening.

OPEN conditions

English label	Default	Effect
MA	Off	Opens on a new moving-average crossing condition.
Arrow	Off; conditional	Uses the detected compatible arrows feed. This control appears only when the feed is available.
Stoch	Off	Used alone, opens on a new Stochastic condition. With another opening condition, the

English label	Default	Effect
		current Stochastic direction must also match.
RSI	Off	Opens on an RSI threshold condition, using the mode selected in RSI signals mode.

The opening MA defaults are:

Row	Period	Method	Price	Shift
Fast MA	11	SMA	CLOSE	0
Medium MA	34	SMA	CLOSE	0
Slow MA	0	SMA	CLOSE	0

A Slow MA period of 0 leaves the third average out of the calculation.

The opening Stochastic defaults are K=5 , D=3 , Slowing=3 , OB=0 and OS=0 . The opening RSI defaults are upper level 70 , lower level 30 , period 14 and price CLOSE .

CLOSE conditions

English label	Default	Effect
MA	Off	Closes ALGO trades on the configured moving-average condition.
Arrow	Off; conditional	Closes according to the selected arrows close method. It appears only when an arrows feed is detected.
Stoch	Off	Closes on the configured Stochastic condition. If MA and Stoch are both selec-

English label	Default	Effect
		ted, the closing condition requires matching direction from both calculations.
Rev	Off	Closes after an opposing candle condition.
Delete STOP	On	Deletes an unfilled ALGO STOP order on the next bar.
AC-	Off	Enables or disables automatic closing.

The closing MA defaults are:

Row	Period	Method	Price	Shift
Fast MA	3	EMA	CLOSE	0
Medium MA	5	EMA	CLOSE	0
Slow MA	0	EMA	CLOSE	3

The closing Stochastic defaults are `K=5` , `D=3` , `Slowing=3` , `OB=0` and `OS=0` .

When the `Arrow` controls are available, `Close arrows` offers:

- `CHANNEL BAND` — closes when price reaches the configured channel-band condition;
- `ARROW` — closes on an opposite arrow;
- `SIGNAL` — closes on an opposite complete signal.

`Margin` defaults to `10%` and applies to the `CHANNEL BAND` method.

ALGO advanced inputs

Open the EA properties (`F7`) to edit these public settings. Labels below are the exact English labels shown by the EN wrapper.

Risk setting: Increase risk after a loss mechanically multiplies the next fixed lot or dynamic risk value after a losing ALGO trade. Keep it disabled unless you have tested the resulting position sizes and account exposure.

English label in MT4/MT5	Default	Effect
Magic number for ALGO trades	777	Identifies ALGO trades.
Increase risk after a loss	false	Enables the loss-following multiplier.
Increased risk multiplier	2.0	Multiplies the next fixed lot or dynamic risk value after a loss when the option above is enabled.
Candle number for buy and sell signals	1	Selects the candle shift used to evaluate opening and closing signals.
Minimum % of wick in a pinbar candle	67	Sets the minimum wick share required for a pinbar.
Check if pinbar is in the trade direction	false	Adds the pinbar direction check.
Check the moving average trend for the pinbar	false	Adds the MA trend check to a pinbar condition.
Min. number of candles in the opposite direction to open a reverse trade	1	Sets the preceding-candle requirement for Rev .

English label in MT4/MT5	Default	Effect
RSI signals mode	Aggressive	Selects Aggressive or Standard RSI threshold logic.
Minimum profit level for automatic closing	Off	Allows closing from Off, BE level or Secure profit level.
Timeframe for checking MA and Stoch closing signals	Current	Selects the interval used for MA and Stochastic closing checks.
Limit automatic trading to specified hours	false	Restricts automatic opening to the configured broker-time interval, evaluated with one-second precision.
Start hour	08:00	Sets the inclusive start time of the allowed interval.
End hour	20:00	Sets the exclusive end time of the allowed interval.
Close all trades outside of trading hours	false	When automatic closing is enabled, closes eligible market trades outside the configured interval.
Close all pending orders outside of trading hours	false	When automatic closing is enabled, removes eligible pending orders outside the configured interval.
Maximum allowed price deviation from signal [points]	1000	Rejects execution when price has moved farther than the configured number of points from the signal.

Trading-hours window: Harvest compares broker time with the configured start and end times to one-second precision. The start is included and the end is excluded. If the start time is later than the end time, the interval continues across midnight. If both times are equal, the interval is empty: automatic opening is blocked, and every time is outside the interval for the optional closing actions.

How ALGO works

1. Harvest evaluates the enabled opening conditions on the configured candle.
2. If **Stoch** is enabled together with another opening condition, the current Stochastic direction must match that condition.
3. Harvest checks **BUY** or **SELL**, the ALGO open-trade limit, the active Harvest trade settings and, when enabled, the configured broker-time interval.
4. With **STOP** off, Harvest sends a market order. With **STOP** on, it places a STOP order relative to the signal candle.
5. If **1 & OFF** is enabled, automatic opening is disabled after the first opened trade.
6. Automatic closing runs independently when **AC -** is enabled and at least one closing condition is selected.

An enabled condition is not a guarantee that a trade will be accepted. Platform permissions, broker rules, available margin and the current Harvest protection settings still apply.

Practical guidance

- Start with one opening condition and one direction.
- Verify **SL**, **TP**, lot calculation and **Max open** before enabling **AUTO -**.
- Treat values expressed in points separately from values expressed in pips.
- If you use **STOP**, check both **STOP distance** and **Delete STOP**.
- If **Arrow** appears, verify which compatible signal source is active before enabling it.
- After changing the EA inputs, reopen the ALGO panel and check that the intended state is visible.

Frequently asked questions

Can ALGO close trades without opening new ones?

Yes. Leave **AUTO -** disabled, select a closing condition and enable **AC-**.

Why is **Arrow** not shown?

Harvest shows the **Arrow** controls only after it detects a compatible arrows feed. The MA, Stochastic, RSI, **Rev**, **Pinbar** and **BO** conditions do not require that feed.

What does **0** mean in **Max open**?

It removes the ALGO-specific concurrent-open limit. Other Harvest and platform restrictions can still prevent a trade.

Does **1 & OFF** close the opened trade?

No. It turns automatic opening off after the first trade is opened; it does not close that trade.

Troubleshooting

The ALGO panel does not open

1. Confirm that FX Harvest PRO **8.89** is attached to the chart.
2. Confirm that the license includes **ALGO**.
3. Close any other expanded Harvest module panel.
4. Select **A** again.

The ALGO panel should appear below the horizontal Harvest panel. If it still does not appear, prepare the Harvest and terminal versions, the exact message and a screenshot without account data for support.

AUTO - is enabled but no trade opens

1. Confirm that **BUY**, **SELL**, or both are selected.
2. Confirm that at least one **OPEN** condition is selected.
3. If **Stoch** is selected with another condition, check whether its current direction matches.

4. Check `Max open` and `Maximum allowed price deviation from signal [points]`. If the trading-hours limit is enabled, confirm that the current broker time falls within the configured `Start hour` and `End hour` interval.
5. Confirm that `AutoTrading` in MT4 or `Algo Trading` in MT5 is enabled.

After correction, wait for a new qualifying condition; enabling the module does not execute an old signal retroactively.

Automatic opening switches off after one trade

Clear `1 & OFF` if you want automatic opening to remain active after the first opened trade.

An unfilled STOP order disappears

Clear `Delete STOP` if the order should not be removed on the next bar. Before doing so, review how long an unfilled pending order should remain active in your process.

Automatic closing does not run

1. Confirm that `AC-` is active.
2. Select at least one condition in `CLOSE`.
3. Check `Minimum profit level for automatic closing` in the EA inputs.
4. Confirm that the open trade belongs to ALGO on the current symbol and matches the active Magic-number rules.

If closing still does not run, record the selected `CLOSE` conditions and the exact terminal message before contacting support.

License and support

The module requires an active FX Harvest PRO license with the `ALGO` add-on enabled.

Technical support

- Email: pomoc@fxware.pl
- Website: <https://fxware.pl>

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