

PRODUCT TECHNICAL SHEET

Expert Advisor: CustomGridScalper_Breakeven

Multi-Asset Algorithmic Strategy on M15 Timeframe | Version 1.0

1. Market Logic & Operation

The **CustomGridScalper_Breakeven** Expert Advisor is an algorithmic tool designed for the MetaTrader 5 platform (MQL5). The strategy combines an M30 timeframe trend filter with progressive grid management on M15 charts to optimize basket exit points (Breakeven / Cumulative Target).

- Trend Filter (MA M30):** Underlying trend analysis based on a basket of Moving Averages (Fast EMA 7, Slow EMA 21, Trend EMA 150) calculated on the M30 Timeframe.
- Progressive Grid Management:** Averaging entries with fixed steps and a moderate lot multiplier (1.1) to contain capital exposure during pullbacks.
- Basket Closure (TP Points):** Simultaneous automatic exit of all open positions of the same type upon reaching a point profit on the weighted average price.

2. Pair Profile & Specific Parameters

Parameter / Metric	EURUSD (M15)	GBPUSD (M15)
Grid Step / Multiplier	200 points / 1.1	200 points / 1.1
Max Simultaneous Orders	8 orders	8 orders
Basket Take Profit	500 points	500 points
Profit Factor	29.94	4.12
Win Rate	~90.5%	~74.0%
Max Equity Drawdown	16.52% (\$4,196.82)	17.65% (\$4,577.49)
Net Return (\$25k Backtest)	+\$5,080.73 (+20.3%)	+\$4,574.89 (+18.3%)

3. Technical Architecture & Integrated Modules

- Candle Close Execution Control:** InpOnCandleClose module for signal validation exclusively upon M15 bar completion.
- Multi-Timeframe Moving Average Module:** Integrated trend alignment calculation with dynamic data handling for periods 7, 21, and 150 on M30.
- Basket Management:** Real-time recalculation algorithm for weighted break-even price and aggregate pip target for instant closure of the entire order block.
- Swap & Risk Mitigation:** Recommended for Swap-Free accounts or low-spread/low-commission brokers to prevent overnight cost erosion during extended trends.