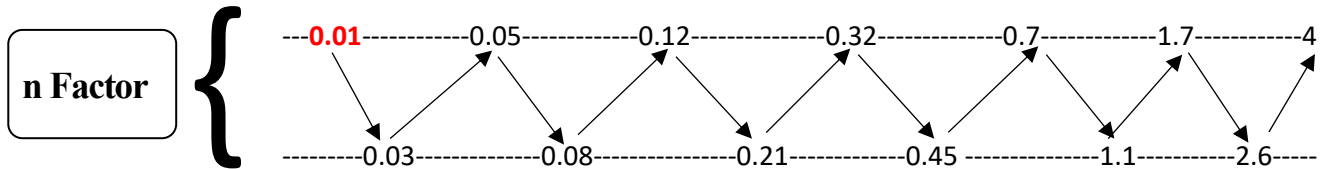


# Herge\_EA Bot v.1.0

This is Recovery Zone trading EA that will works as following

## THIS IS REFERENCE LOT MANAGEMENT



# The EA will be 4/5 digits brokers

# The EA will be works on Forex, Indices, Gold, and all instruments...

## The EA Input Parameters

- Trade Orders = True (Show pending order prices on the chart)
- Trade History = True (Show trade operation history on the chart)
- Profit/Loss = True (Show profit/loss for open position)
- SL/TP Level = True (Show Stop Loss and Take Profit Values)
- Time to Open = -20 or 00 or +60 (Time to open trade)
- Spread less than = 1 (can be 0 or 0.1 or 0.8....)
- Keep Trading = True
- Magic Number = 1234
- Ask = 0.1(can be 0.0001)
- Slippage = 1
- Take Profit 1 = 100pips/Pts (Take Profit 1 = TP1)
- Take Profit 2 = 200 pips/Pts (Take Profit 2 = TP2)
- Starting Lot = 0.01
- Breakeven = True
- Breakeven hit Time = 5 (in Buy or sell direction)
- Breakeven Lot = nFactor\*0.7

## The EA Input Parameters description

### - Trade Orders =True

If Trade Orders =True, The EA will show pending order prices on the chart

### - Trade History=True

If Trade History =True, the EA will show trade operation history on the chart

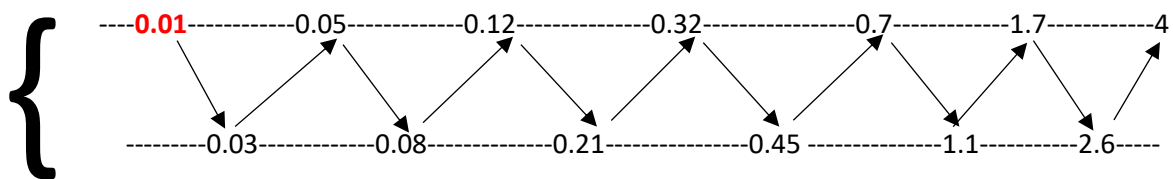
- **Profit/Loss = True**  
If Profit/Loss=True, the EA will show profit/loss for open position
- **SL/TP Level = True**  
If SL/TP Level =True; the EA will show Stop Loss and Take Profit Values on the chart
- **Time to Open = -20**
  - If Time to Open =-20, when you lunch the EA, it will open new Buy0/Sell0 position 20min previous the closure of the day candle
  - If Time to Open = 00, when you lunch the EA, it will open new Buy0/Sell0 position at the Open price of the day candle
  - If Time to Open =+60, when you lunch the EA, it will open new Buy0/Sell0 position 60min after the open price of the day candle, that mean at the open price of 2<sup>nd</sup> candle on the H1 chart.
- **Starting Lot= 0.01**

**Definition:**

- a) The nFactor is the number that the EA will multiply the reference lot if I change the Starting lot.

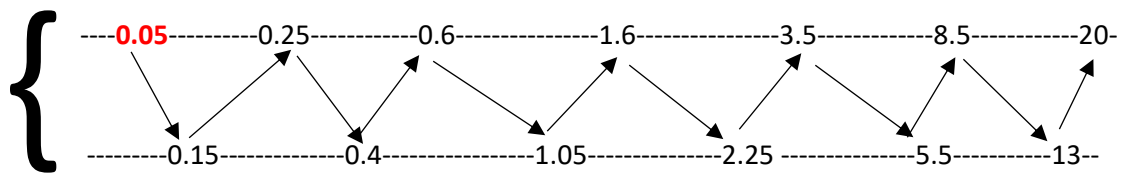
**b) 0.01 is in red because is the pivot lot**

If Starting = 0.01, then the EA will open positions as follow



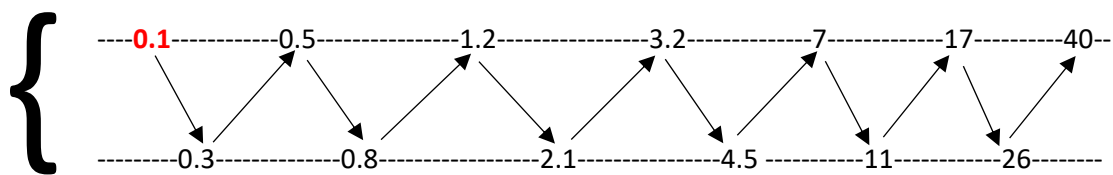
So, the nFactor=1.

if I Set Starting Lot=0.05, nFactor=5; then the EA will multiply all reference lot by 5 as follow:



So, the nFactor=5.

if I Set Starting Lot=0.1, nFactor=10; then the EA will multiply all reference lot by 10 as follow:



So, the nFactor=10.

#### - Breakeven = True

Breakeven Level is when  $\sum \text{Buys} + \sum \text{Sells} = 0$  (Including Swap + Commission).

- If the EA has already reached “**Breakeven Lot**” without hit the breakeven level, and if the price reach breakeven level, the EA will close all positions on current symbol with USD0.00 profit and open new cycle of Buy0/Sell0 position.
- If the price has already hit the “**Breakeven hit Time**” the EA will close all positions on current symbol with USD0.00 profit and open new cycle of Buy0/Sell0 position.

**NOTE: I WILL GIVE DESCRIPTION ON BUYs DIRECTION,  
THEN THE SELLs POSITIONS WILL BE OPPOSITE OF  
BUYs**

When you lunch the EA,

- a) The EA first check if there is a current position opened buy the same EA thanks to Magic Number, if there is current position opened buy the EA, it will just manage till to closure.
- b) If there is no open position, the EA will open Buy0/Sell0 at **"Time to Open"** with 0.01lot or 0.1lot or nFactor lot.
- c) Place TP1 of the Buy0/Sell0 position at **"Spread less than "** (That mean if at the moment where the EA will open the Buy0/Sell0 position, the spread is less than, **"Spread less than "**, the EA will set TP1 of Buy0/Sell0 position, and if the spread become great than , **"Spread less than "**, the EA will delete TP1 of the Buy0/Sell0 position and wait until it become less than , **"Spread less than "**.
- d) - Place SellStop order at (TP1-Ask) price of the sell position with 0.03lot or 0.3lot or nFactor lot, when **"Spread less than "** is satisfy, and set his TakeProfit to TakeProfit2 (TP2)  
  
- Place BuyStop order at (TP1+Ask) price of the Buy position with 0.03lot or 0.3lot or nFactor lot, when **"Spread less than "** is satisfy, and set his TakeProfit to TakeProfit2 (TP2)



**if the price hit the take profit of the Buy0 position (TP1) and if BuyStop Order with 0.03lot, or 0.3lot or nFactor lot is not activated to buy position at the same time, then the EA will delete that BuyStop Order and Open Buy1 position with 0.03lot or 0.3lot or nFactor at the TakeProfit 1 price**

If the price hit take profit of the Buy0 position (TP1) and if the BuyStop Order with 0.03lot, or 0.3lot or nFactor is activated at the same time, that will be correct situation and the following will be happens



After that, the TakeProfit1 of the Buy0 will be hit and Buy1 opened, the EA will:

a)

- Delete SellStop order with 0.03lot or 0.3lot or nFactor lot

- Modify TP1 of sell0 position to TP2

- Set StopLoss of Sell and Buy position as follow:

  - \* StopLoss of Buys position = TP2sell(s) position-Ask

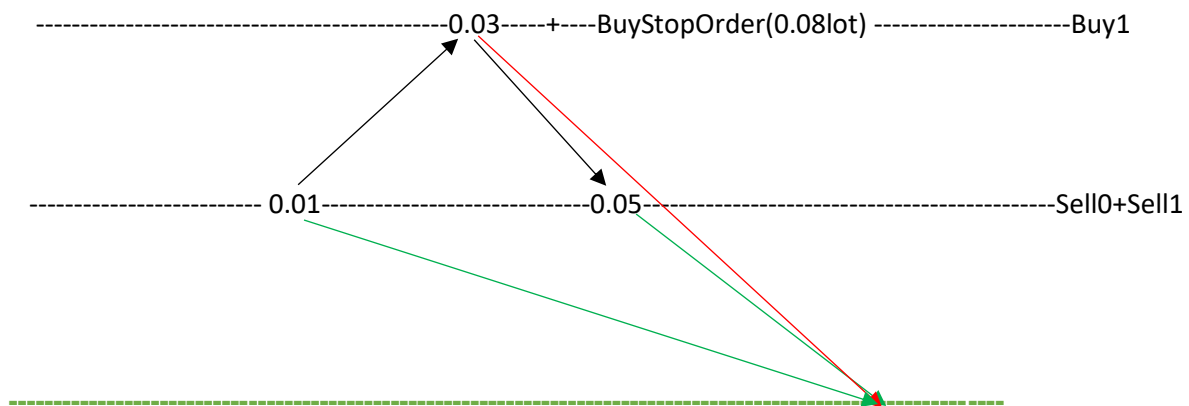
  - \* StopLoss of Sells position = TP2buy(s) position+Ask

- Place SellStop Order with 0.05lot or 0.5lot or nFactor lot as describe on diagram lot at the same price as Sell0 position (**Sell0 price is the Reference of the next Sells position price due to slippage reason**) with the same TP2 and StopLoss as Sell0 position.



On the previous picture the SellStop Order with 0.5lot was placed at 1.17634 price

So, if the market does not hit the TP2 line and return, the SellStopOrder (0.05lot) placed at the sell0 level will be activated to sell1 position and the the BuyStop Order (with 0.08 lot) will be placed at the same price as Buy1 with the same TP2 and StopLoss as Buy1 position.



So, if the market does not hit the TP2 of the Sell1+Sell2 position and return, the BuyStopOrder (0.08lot) placed at the Buy1 level will be activated to Buy2 position and the SellStop Order(0.12lot) will be placed at the same price as Sell0 level position



So, the process will continuous according to the lot diagram lot till close to profits.



Now it can happen that the price hit TP2 of Sells position and Buys position remains (in the case of Sell direction) or that, the price hit TP2 of Buys position and Sells position remains as on the following picture:



**In that case:**

- **The TP2 of Buys position= StopLoss of Sells position (even if the price does not reach StopLoss of Sells position)**
- **The TP2 of Sells position = StopLoss of Buys position (even if the price does not reach StopLoss of Buys position)**

**Keep Trading= True**

If “**Keep Trading= True**” the EA will place orders as following

**Buy Direction**

BuyStop Order (0.01 or 0.1 or nFactor lot) at TP2

SellLimit Order (0.01 or 0.1 or nFactor lot) at TP2+ask =StopLoss of Sells

**Sell Direction**

SellStop Order (0.01 or 0.1 or nFactor lot) at TP2

BuyLimit Order (0.01 or 0.1 or nFactor lot) at TP2-ask= StopLoss of Buys

That mean

- If the price hit the TP2 of Buys position and activated new Buy0 position and do not reach StopLoss of the Sells position at the same time, to close all Sells position and open Sell0 position; the EA will delete pending SellLimit Order, close all Sells position and open Sell0 position at the same time as TP2 is hit and Buy0 activated.
- If the price hit the TP2 of Sells position and activated new Sell0 position and do not reach StopLoss of the Buys position at the same time, to close all Buys position and open Buy0 position; the EA will delete pending BuyLimit Order, close all Buys position and open Buy0 position at the same time as TP2 is hit and Sell0 activated.

So, if **Keep Trading= False**, the EA will not open new Buy0/Sell0 position anymore at the closure of all Buys/Sells positions.

# Very very important!

Between Buys and Sells zone, spread can be very very high at the closure and the opening of the market



In that case:

- if there is BuyStop Order at the Buys line or SellStop Order at the Sells line, and if the market price is between Buys and Sells Line, and if the current spread is higher than **“Spread less than”**, the EA will first delete that pending BuyStop Order or that pending SellStop Order until the current spread re-become less than **“Spread less than”**
- if the price market gets out the of the Buys and Sells zone and go up, the EA will open the buy position when the market asks=Buys line price and will not place BuyStop Order; that buy position will have the same Take profit and Stoploss as previous current open buy position
- if the price market gets out the of the Buys and Sells zone and go down, the EA will open the Sell position when the market Bid=Sells line price and will not place SellStop Order; that sell position will have the same Take profit and Stoploss as previous current open sell position