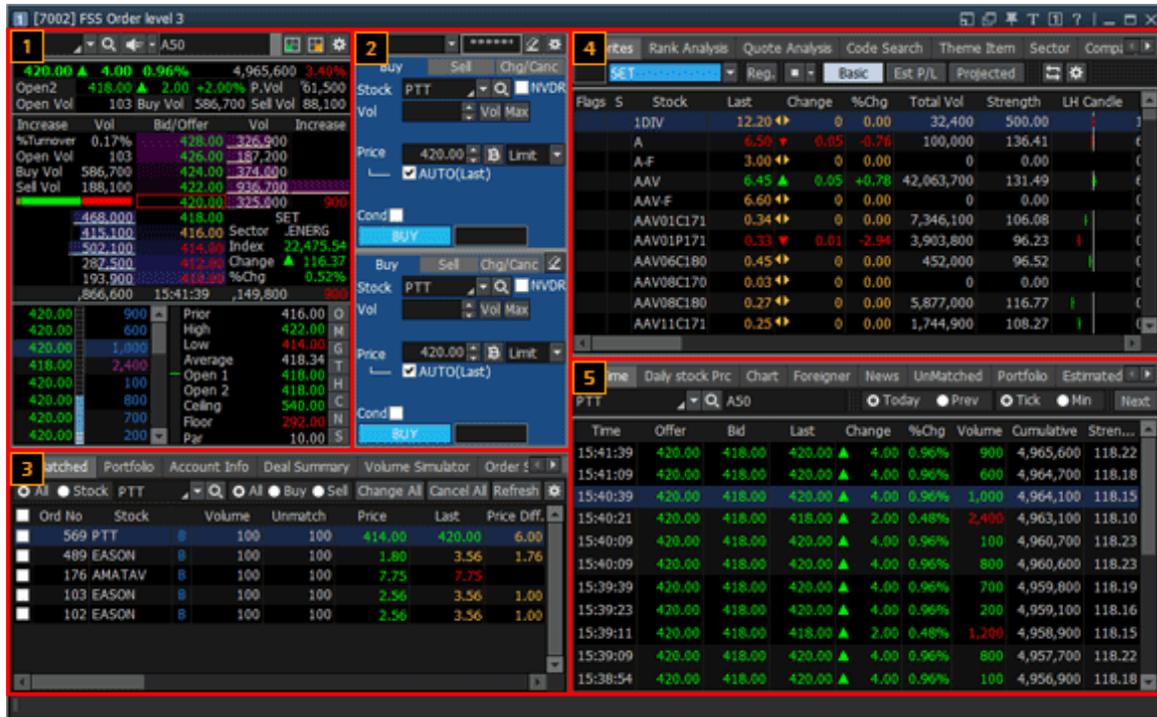


**[7002] (FSS)(Hero) Order level 3**

**1. Overview of Screen**

This is a screen to view bid/offer information of stock, order, chart, investment information and account information on the same screen.



**2. Description of Screen**

**1 Bid/Offer Area**

This is a bid/offer window that shows detailed information and 5 bids/offers of the selected stock. Especially, the stock to be viewed can be selected. Price of stock group can be viewed using rotator function, and there is a menu function that allows the user to write down memo and create a simple user database for each stock. In addition, HERO FSS allows the user to determine remaining volume of each bid/offer intuitively by displaying remaining bid/offer volume as bar graph. Additional information can be changed by clicking buttons at the top right corner. Click button to configure detailed settings on the 'Setting' screen.

**1 Connecting screens function**

- A** : An order can be placed on the '[4000] Mini Order' pop-up screen.
- B** : Most active stocks of the day can be viewed on the '[1100] Most Active' pop-up screen.
- C** : Top gain/loss stocks can be viewed on the '[1101] Top Gain / Loss' pop-up window.
- D** : Matching status of stocks can be viewed in mini screen on the '[3002] Stock Ticker' pop-up screen.
- E** : Daily stock price status of the stock can be viewed on the '[3003] Historical Price' pop-up screen.
- F** : Technical analysis can be performed on the stock on the '[6000] Technical Chart' pop-up screen.

- G N** : News about the stock can be viewed on the '[8000] Market News' pop-up screen.
- H S** : The stock can be comprehensively analyzed on the '[5000] FSS Conditional Scanner' pop-up screen.

**2** Match equalizer function

Recently matched volume is displayed using an equalizer to identify momentary strength of buy/sell intuitively



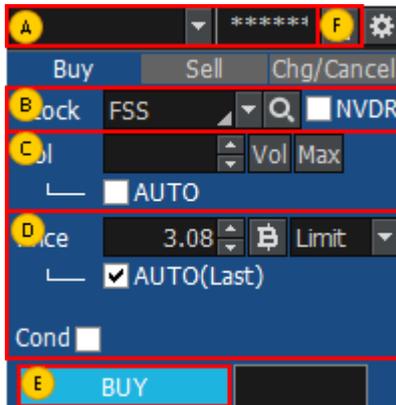
**2** Order Area

There are two order windows in the order area, one at the top and one at the bottom. They allow the user to set two order conditions such as buy and buy or buy and sell, and place the most appropriate order depending on the situation.

※ Precaution

If the same order screen is selected and order is placed using shortcut key, top/bottom orders are sent at the same time

**1** Buy order

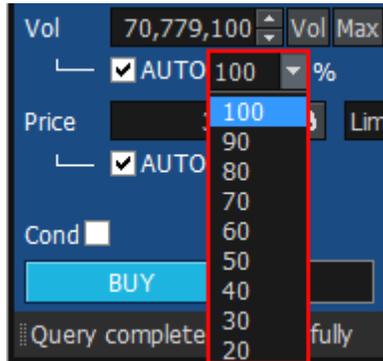


- A** Select an account to place a buy order.
- B** Select a stock to order.  
If  NVDR is checked, a stock without voting rights for the stock selected by the user is selected.
- C** Enter order volume or click **Vol** button to select volume from the volume selection pop-up window.

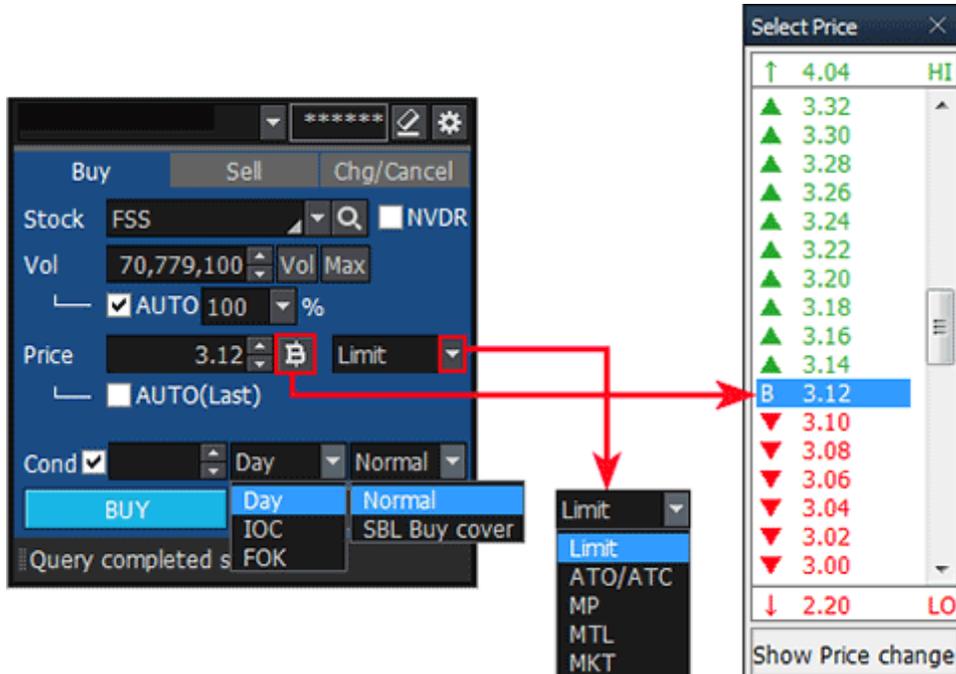
100	200	300	400	500	600	700	800	900	
1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	stocks
10	20	30	50	60	70	80	90	100	%
100,000	500,000	1,000,000	2,000,000						
3,000,000	5,000,000	10,000,000							Baht Edit

Click **Max** button to calculate maximum available volume in portfolio.

Check 'AUTO' item to automatically calculate volume based on % of portfolio selected by the user.

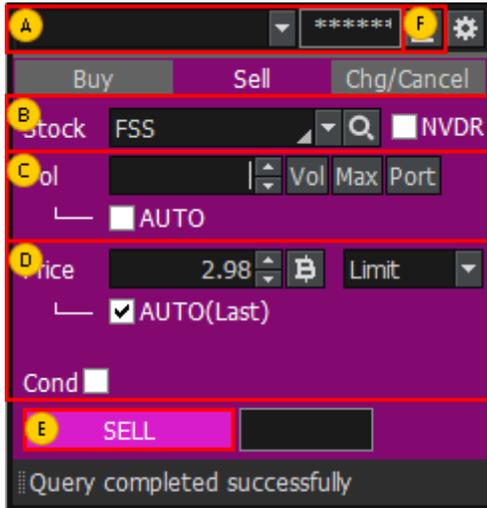


- D Enter order price or click the button to select bid when the pop-up window appears. Designate price type. If 'AUTO (Last)' item is checked, last of the stock is entered automatically. If 'Cond' item is checked, detailed order type can be selected.



- E Click **BUY** button to place the buy order.
- F Click button to delete all details of the order entered by the user and enter a new order.

2 Sell order

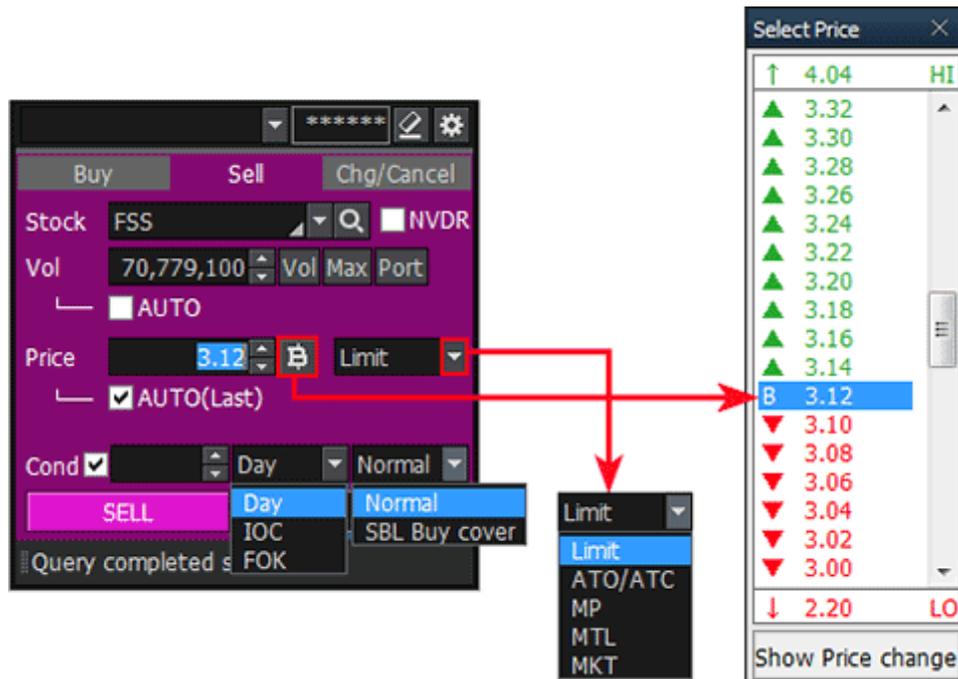


- A Select an account to place a sell order.
- B Select a stock to order  
If  NVDR is checked, a stock without voting rights for the stock selected by the user is selected.
- C Enter order volume or click **Vol** button to select volume from the volume selection pop-up window.

100	200	300	400	500	600	700	800	900	
1,000	2,000	3,000	4,000	5,000	6,000	7,000	8,000	9,000	stocks
10	20	30	50	60	70	80	90	100	%
100,000		500,000		1,000,000		2,000,000			
3,000,000		5,000,000		10,000,000				Baht Edit	

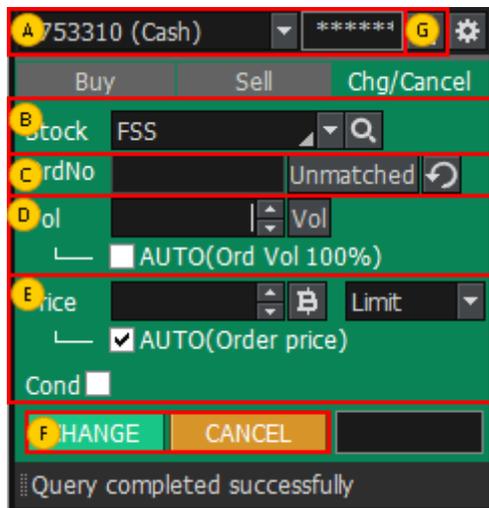
- Click **Max** button to calculate maximum available volume in portfolio.
- Check 'AUTO' item to automatically calculate volume based on % of portfolio selected by the user.
- Click **Port** button to open the portfolio pop-up window. Select portfolio from the pop-up window to place a sell order.
- D Enter order price or click the button to select offer when the pop-up window appears. Designate price type. If 'AUTO(Last)' item is checked, last of the stock is entered automatically.

If 'Cond' item is checked, detailed order type can be selected.



- E Click **SELL** button to place the sell order.
- F Click button to delete all details of the order entered by the user and enter a new order.

3 Change/cancel order



- A Select an account to place change/cancel order
- B Select a stock to order.
- C Enter original order number or click **Unmatch** button and select an unmatched order from the unmatched order pop-up window.  
Click button to delete original order number.
- D Enter order volume or click **Vol** button to select volume.  
If 'AUTO (Order Vol 100%)' is checked, remaining unmatched volume is automatically entered according to % designated by the user
- E In case of change order, enter order price or click button and select bid/offer from the bid/offer pop-up window. Designate price type.

Check 'AUTO(Last)' item to enter last of the stock automatically.  
 If 'Cond' item is checked, detailed order type can be selected.  
 Items are not selected in case of cancel order.

- F Click CHANGE CANCEL buttons to place the order.
- G Click button to delete all details of order entered by the user and enter a new order.

### 3 Account Information Area

Information related to portfolio such as "Unmatched, Portfolio, Account Info, Deal Summary, Volume Simulator" is provided using tabs. In common, change all, cancel all and sell all orders can be placed by checking the check box next to the stock.

- 1 Order Status:  
Daily order status can be viewed.

Ord No	Stock	Volume	Price	Avg.M.Price	Matched	Unmatched	ST	Ord Type	PG
43	TRUE	1,000	4.28				RO	V	

- 2 Portfolio  
Various information about current account portfolio can be seen at a sight to identify account status of the user.

Stock	Type	Avg. Cost	Available	Actual	Last	Amount(Cost)
IFEC	N	1.00	12,069	12,069	3.10	12,069.00
AAV		5.12	2,300	2,300	6.10	11,781.04
ALT		8.57	100,000	100,000	4.14	857,351.16
ARIP		1.86	20,000	20,000	0.71	37,299.51
BBL		201.83	7,500	7,500	220.00	1,513,716.80
BWG-W4		0.88	50,000	50,000	0.23	44,121.37

- 3 Deal Summary  
Detailed deal summary of the day can be viewed. Detailed history of daily buy and sell orders is shown.

Stock	Avg Price	Intraday Buy Vol	Buy Val	Avg Price	Intraday Sell Vol	Sell Val	Com+Fee +Vat	Realized
KTB	20.50	100	2,050.00	0.00	0	0.00	4.54	0.00

- 4 UnMatched  
Current unmatched order status can be viewed at a sight

Ord No	Stock	Volume	Unmatch	Price	Last	ST	Ord Type	PG	Price Diff.
220	AP	200	200	8.15	8.20	O		X	0.05
217	KTB	200	100	20.50	20.50	m		X	

**5** Portfolio & Unmatched Order

Portfolio and Unmatched order information can be viewed. 'Change all/Cancel all' order can be executed on unmatched orders.

Stock	Type	Avg.Cost	Available	Actual
IFEC	N	1.00	12,069	12,069
AAV		5.12	2,300	2,300
ALT		8.57	100,000	100,000
ARIP		1.86	20,000	20,000
BBL		201.83	7,500	7,500
BWG-W4		0.88	50,000	50,000

Ord No	Stock	Volume	Unmatch	Price
220	AP	200	200	8.15
217	KTB	200	100	20.50

**6** Account Info

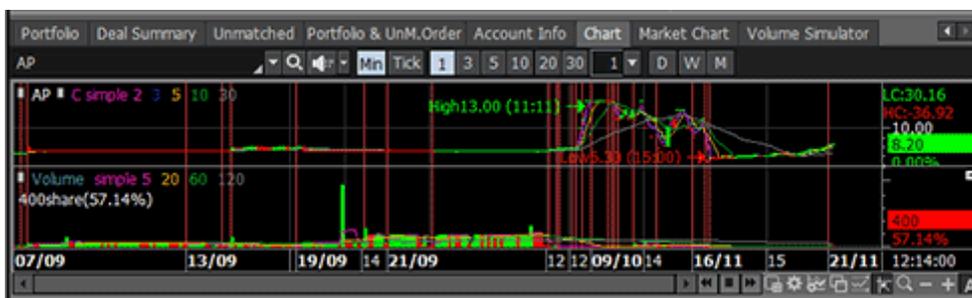
Current account information can be viewed.

Cash refers to cash in the cash account. Even if there are stocks in possession, cash is displayed as 0 if there is no cash in the account.

App Credit	16,000,000.00	Cash	4,951.21
Line Avail	15,994,257.31	Total Exposure	15,994,258.14
Unsettle Buy		Unsettle Sell	
AR T-1	0	AP T-1	0
AR T-2	0	AP T-2	0
AR T-3	0	AP T-3	0
Summary	0	Summary	0
Account Type	C	Cash sbl	10,000,000.00
Port nkt value	11,726,027.55	Real cash sbl	0

**7** Chart

The chart of the stock can be viewed. The chart can be set differently from the mini chart screen at the top right corner for comparison, or it can be used to analyze the chart in greater detail compared to the mini chart at the top right corner.



**8** Markets Chart

Trend of SET, MAI markets can be viewed.



#### 9 Volume Simulator

'PP, Buy allow volume, Total exposure' can be viewed by entering stock and buy price.

Stock	AP	Buy Price	Buy allow volume	Total exposure
AS0/AS0		8.20	1,946,208	15,994,258.14
PP	15,994,257.31			

#### 4 Favorites and Price Analysis Area

Favorites and investment information for trading are viewed on the right side of the screen.

'Favorites and price analysis' area can view prices of favorite stocks selected by the user, rank analysis, quote analysis, code search and theme item.

- 1 Favorites: Prices of favorite stocks can be viewed.
- 2 Rank Analysis: % up, up, % down and down ranks of the selected market can be viewed.
- 3 Quote Analysis: List of stocks that show quote change can be viewed based on the designated conditions such as 'New High/New Low, Limit High/Limit Low'.
- 4 Code Search: A list of stocks that satisfy search conditions can be viewed.
- 5 Theme Item: A list of theme stocks that satisfy designated conditions can be viewed.
- 6 Sector: This is a screen to view current index of industries constituting the market, volume, price information, up and down stocks, and hourly and daily index status.
- 7 Company Info: Yearly/quarterly company information of the selected stock can be viewed.

#### 5 Investment Information Area

Reference investment information including stock price data, market data and news can be viewed on the screen

- 1 By Time: Hourly stock price trend of the stock on the day/previous day can be viewed.
- 2 Daily Stock Price: Daily stock price trend can be viewed as numbers and chart for the selected stock and date.
- 3 Chart: 'Day/week/month/minute/tick' mini charts of a stock can be viewed. As for the general chart, various indicators and analysis tools can be added and used.
- 4 Foreigner: Daily ratio of stocks owned by foreigners and change of trend can be viewed.
- 5 News: News for all stocks or news for the selected stock can be viewed
- 6 Unmatched: Current unmatched order status can be viewed at a sight.
- 7 Portfolio: Account portfolio information and account status can be viewed at a sight.

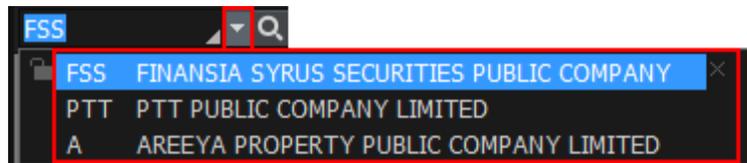
- 8 Estimated Matched: Estimated matched price of the stock at the time of opening or closing can be viewed.

『Common Matters for Bid/Offer Area』

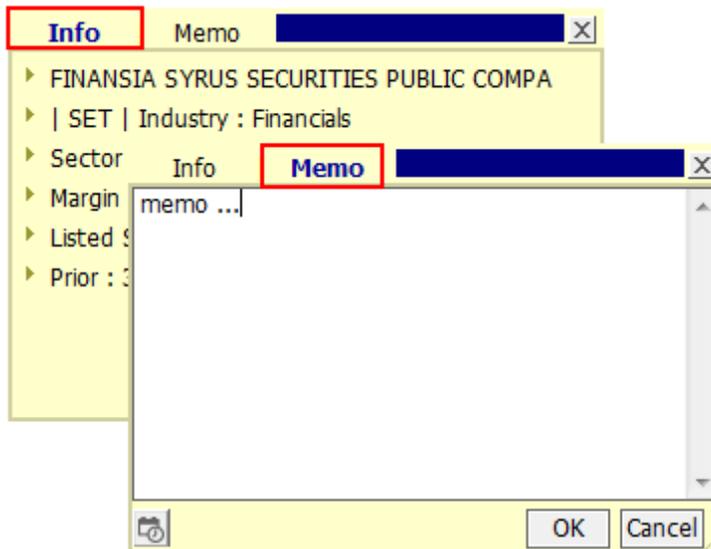
- 1 Selection of a stock to be viewed  
Enter or select a stock to be viewed.



- 1 Selection of a stock to be viewed
  - A The user can directly enter a stock to be viewed.
  - B Click button to open a list of stocks previously viewed

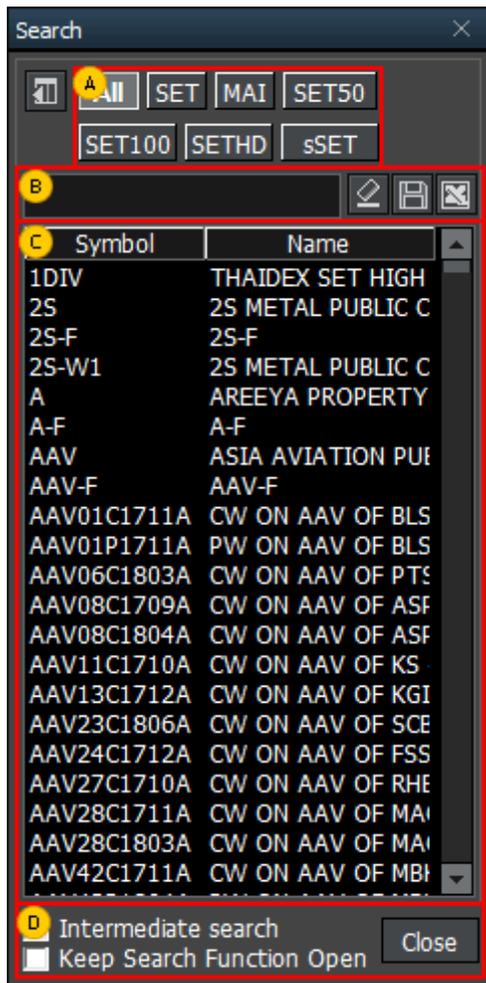


- C Click next to stock name to see 'Info' and 'Memo' for the selected stock.  
Memo function allows the user to write down opinions and thoughts about a stock. This memo can be checked at any time on other screens. This is a simple user database for stocks that adds to price viewing function of the screen.



s

- 2 Selection of a stock to be viewed through search  
Click button to open the 'Search' pop-up window and select a stock to be viewed.

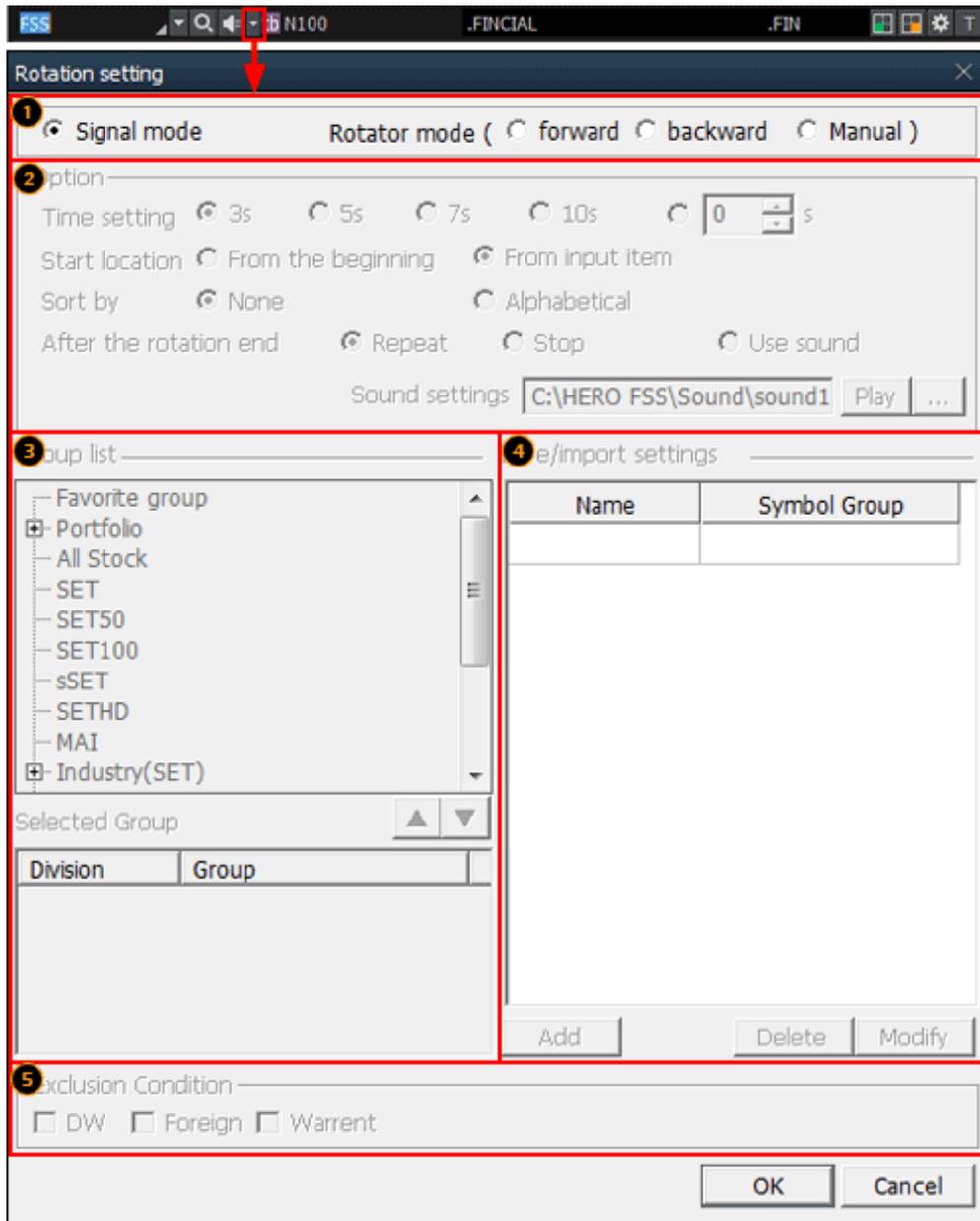


- A** Select a category to be viewed.
- B** Directly enter a stock to be searched and viewed.  
Click to save the search result as a TXT file on the user's PC.  
Click to save the search result as an Excel file on the user's PC
- C** A list of stocks in the category selected in **A** or a list of stocks based on the search results described in **B** is provided.
- D** Intermediate Search and Keep Search Function Open functions can be selected.  
Intermediate search of the stock can be viewed. If "Keep Search Function Open" is checked, the 'Search' pop-up window is kept instead of disappearing after double clicking and entering industry.

## 2 Signal mode / rotator mode functions

HERO FSS helps the user view stock price information by providing signal mode / rotator mode functions.

Click to set signal mode and rotator mode.



**1** AMode selection

**A** Signal mode

This mode is a general mode that views price information of a stock selected by the user.

**B** Rotator mode

This is a mode that views price information of multiple socks according to the conditions set by the user (stock, direction, time, etc.)

- Forward: Price information of the selected stocks is rotated in forward direction of the list.
- Backward: Price information of the selected stocks is rotated in backward direction of the list.
- Manual: The user can manually click to decide rotating direction to view the selected stocks

**3** Designation of rotator stock list

Double click a group from the group list for rotator view or click button to show the selected

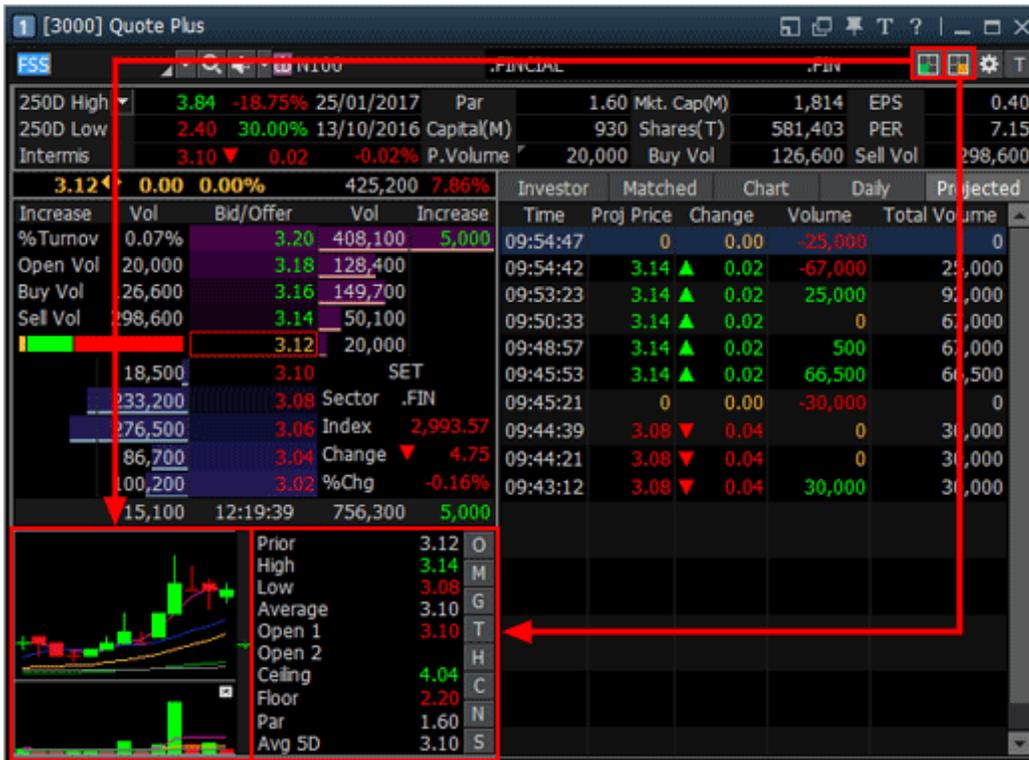
group in the selected group area at the bottom.  
 One group or multiple groups can be selected.  
 Click button to delete the selected group.

4 After selecting the stock group for rotator view in , click button to save the selected group.

5 Exclusion condition can be set for the stocks selected for rotator view.

3 Change additional information

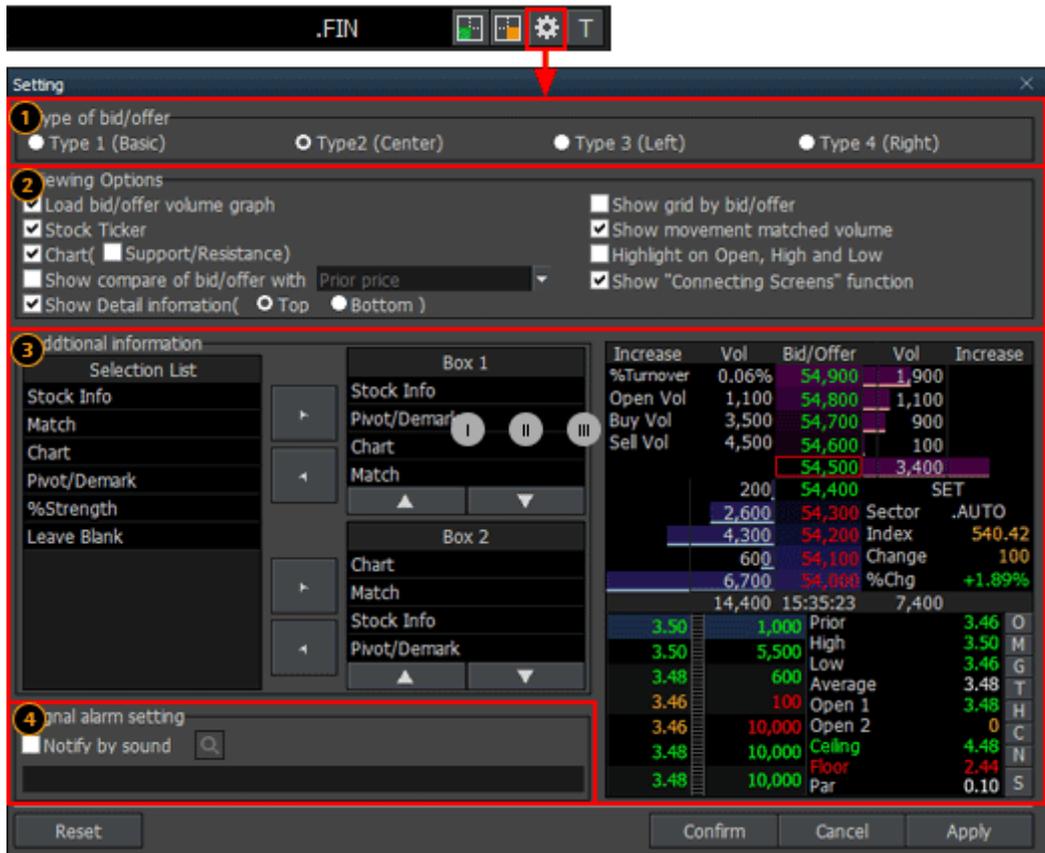
Click button at the top right corner of the screen to change additional information provided at the bottom.



4 Settings

Current price screens of HERO FSS can quickly recognize prices of stocks through various graphics and colors.

To fully utilize such functions, click  button at the top of the screen and select desired options.



**1** Type of bid/offer setting

One of 4 types including 'Basic, Center, Left and Right' can be selected according to position of bid/offer data.

Basic Type divides bid and offer into left and right sides and arranges prices vertically. This type can clearly distinguish between bid status and offer status.

Center Type divides bid and offer into left and right sides around the center, allowing for easy analysis of bid and offer information.

Left Type and Right Type align bid/offer information in a line on the left side or right side.

HERO FSS offers different types of bid/offer alignment and additionally provides a graph that shows remaining volume of each bid/offer price. User convenience was maximized to intuitively recognize bid/offer information by providing different bid/offer arrangement types and graph for remaining volume of each bid/offer price.

**A** Type 1 (Basic)

Increase	Vol	Bid/Offer	Vol	Increase
3.12	0.00	0.00%	425,200	7.86%
%Turnov	0.07%	3.20	408,100	5,000
Open Vol	20,000	3.18	128,400	
Buy Vol	126,600	3.16	149,700	
Sell Vol	298,600	3.14	50,100	
		3.12	20,000	
	18,500	3.10		SET
	233,200	3.08		Sector .FIN
	276,500	3.06		Index 2,993.57
	86,700	3.04		Change ▼ 4.75
	100,200	3.02		%Chg -0.16%
	715,100		12:19:39	756,300 5,000

**B** Type 2 (Center)

3.12		0.00	0.00%	425,200	7.86%
Increase	Vol	Bid	Offer	Vol	Increase
4,500	23,000	3.10	3.12	20,000	
	33,200	3.08	3.14	50,100	
	76,500	3.06	3.16	49,700	
	86,700	3.04	3.18	28,400	
	00,200	3.02	3.20	08,100	
	19,600	14:21:41		56,300	4,500

**C** Type 3 (Left)

3.12		0.00	0.00%	425,200	7.86%
Offer	756,300	%Turnov	0.07%		
3.20	408,100	Open Vol	20,000		
3.18	128,400	Buy Vol	126,600		
3.16	149,700	Sell Vol	298,600		
3.14	50,100				
3.12	20,000				
3.10	23,000	4,500	SET		
3.08	233,200	Sector	.FIN		
3.06	276,500	Index	2,993.57		
3.04	86,700	Change	▼ 4.75		
3.02	100,200	%Chg	-0.16%		
Bid	719,600	4,500			

**D** Type 4 (Right)

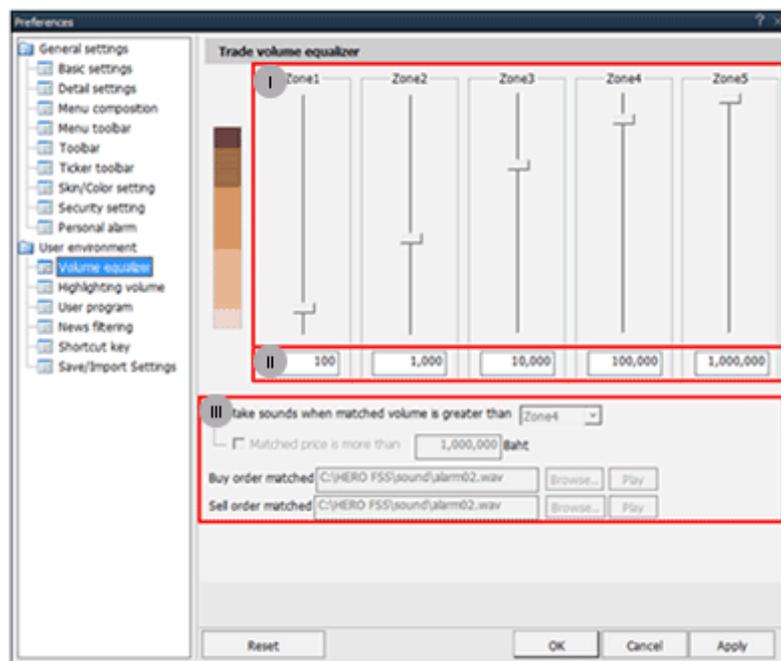
%Turnov	0.07%	756,300	Offer
Open Vol	20,000	408,100	3.20
Buy Vol	126,600	128,400	3.18
Sell Vol	298,600	149,700	3.16
		50,100	3.14
		20,000	3.12
		23,000	3.10
		233,200	3.08
Sector	.FIN	276,500	3.06
Index	2,993.57	86,700	3.04
Change	▼ 4.75	100,200	3.02
%Chg	-0.16%	4,500	719,600
			Bid

**2** Viewing options

- A** Load bid/offer volume graph: Bid/offer volume is displayed as a graph.
- B** Show grid by bid/offer: Bid/offer grid display can be set.
- C** Stock ticker: Stock ticker display can be set.
- D** Show movement matched volume: Instantaneous match volume equalizer display of (hourly) match tab can be set.

**Tip. How to set match volume equalizer**

Select [User environment -> Volume equalizer] item under [Features -> Preferences] menu on the main screen to set detailed options for trade volume equalizer.



- I Click mouse button to adjust equalizer level of each zone.
- II Enter match volume of each zone.
- III Choose an option to make sounds.

- E Chart: Chart display and support/resistance display on the chart can be set.
  - F Highlight on open, high and low: Display of highlight on daily open, high and low prices can be set.
  - G Show compare of bid/offer with 'prior price': Percent change can be viewed with prior price/open/high/low condition.
  - H Show connecting screens function: Display of connecting screen button in the bid/offer area can be set.
  - I Show detail information: Location of detailed stock information such as '250D High, 250D Low, PreOpen2, ...' provided at the top of the screen can be selected.
- 3 Additional information
- A Additional information provided when  button is clicked at the top right corner of the screen can be set.
- Up to 4 items can be set each for the top and the bottom. Order of items can be changed using   buttons or mouse drag & drop.
- 4 Signal alarm setting: Signal alarm setting can be set by selecting a sound to be used.

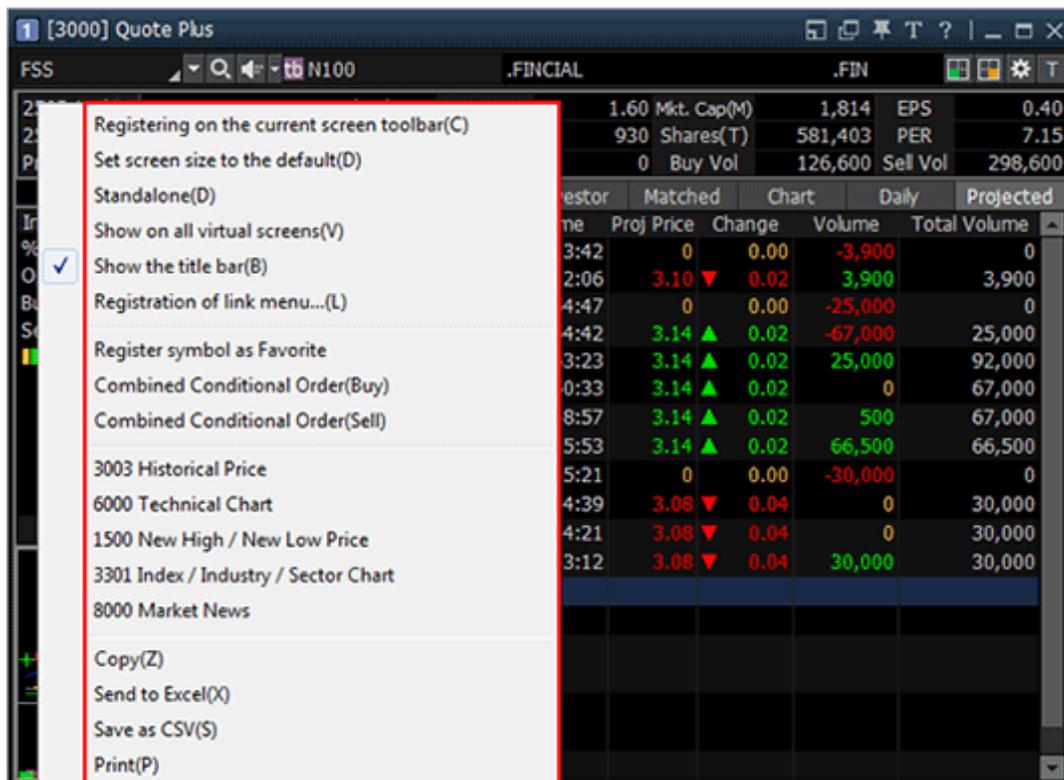
**5** Bid/offer area order function

- On the bid/offer window of the current price screen, put the mouse cursor on a bid/offer and click the right mouse button to open an order menu for 'Buy, Sell, Change/Cancel'. Select an order item to automatically enter the selected price into '[4000] Mini Order' screen, which allows for fast order placement with minimal time and route.

Increase	Vol	Bid/Offer	Vol	Increase	Time
%Turnov	0.07%	3.20	408,100		12:19:39
Open Vol	20,000	3.18	128,400		14:12:06
Buy Vol	126,600	3.16	149,700		09:54:47
Sell Vol	298,600	3.14	50,100		09:54:42
		3.12	20,000		09:53:23
	18,500	3.10	SET		09:50:33
	233,200	3.08	Sector .FIN		09:48:57
	276,500	3.06		Buy	
	86,700	3.04		Sell	
	100,200	3.02		Change/Cancel	
	715,100				12:19:39

**6** Additional / special functions on right mouse button

FSS HERO has maximized user convenience by providing various additional and special functions when the right mouse button is clicked on the screen.



- Registering on the current screen toolbar (C)  
Select this option to register the current screen on the main screen toolbar.
- Standalone (D)  
Select this option to recognize the current screen as a standalone window and freely move it out of the HERO FSS frame.
- Show on all virtual screen (V)  
Select this option to show the current screen on all virtual screens in use.

**4** Show the title bar (B)

The title bar at the top of the screen can be shown or hidden.

**5** Send to Excel (X)

Data on the current screen can be sent to the Excel program. Data generated using 'Send to Excel' function is not saved. Data must be saved before closing the Excel program.

**6** Save as CSV (S)

Data viewed are saved as a CSV file of Excel. Click this menu, enter saving location and name, and click 'Save' button to save data.

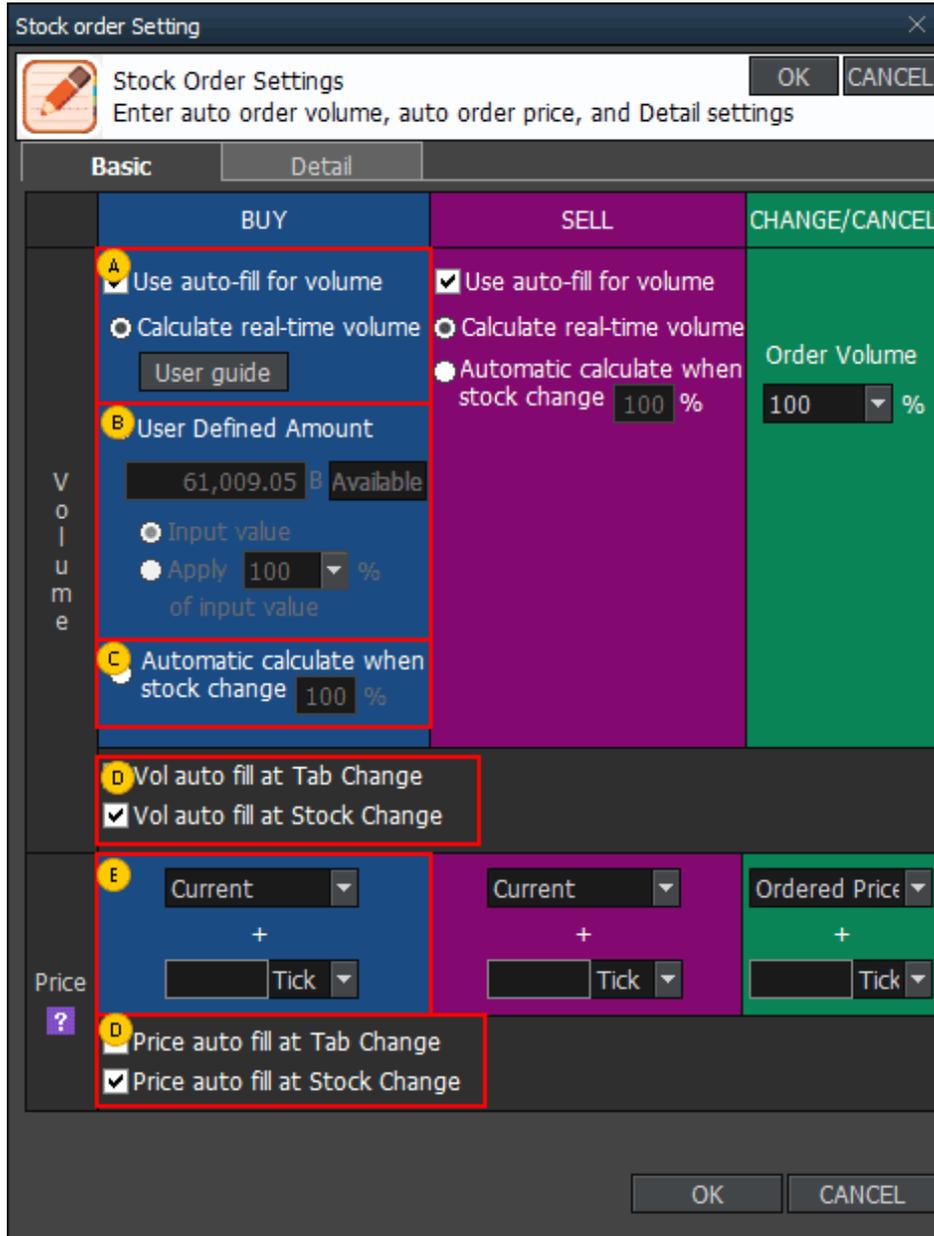
## 『Common Matters for Order Area』

**1** Order Settings

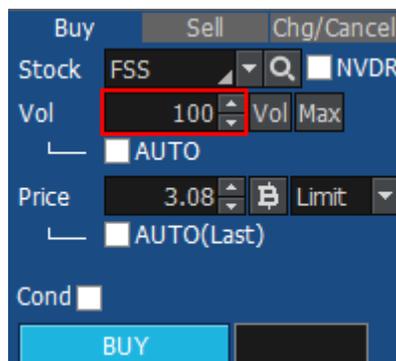
The order screen of FSS HERO allows for fast and convenient trading through configuration of trading volume and price settings.

In addition, various setting options are designed so that the user can decide settings based on personal trading environment and style, thus maximizing efficiency of trading. Various setting values are automatically changed on the trading window in real time when the stock is changed or bid/offer changes.

1 Basic



- A** Auto-fill for volume: Auto-fill for volume is a function that automatically fills volume reflecting account information such as deposit and portfolio, as well as real-time price, so that orders can be placed immediately.



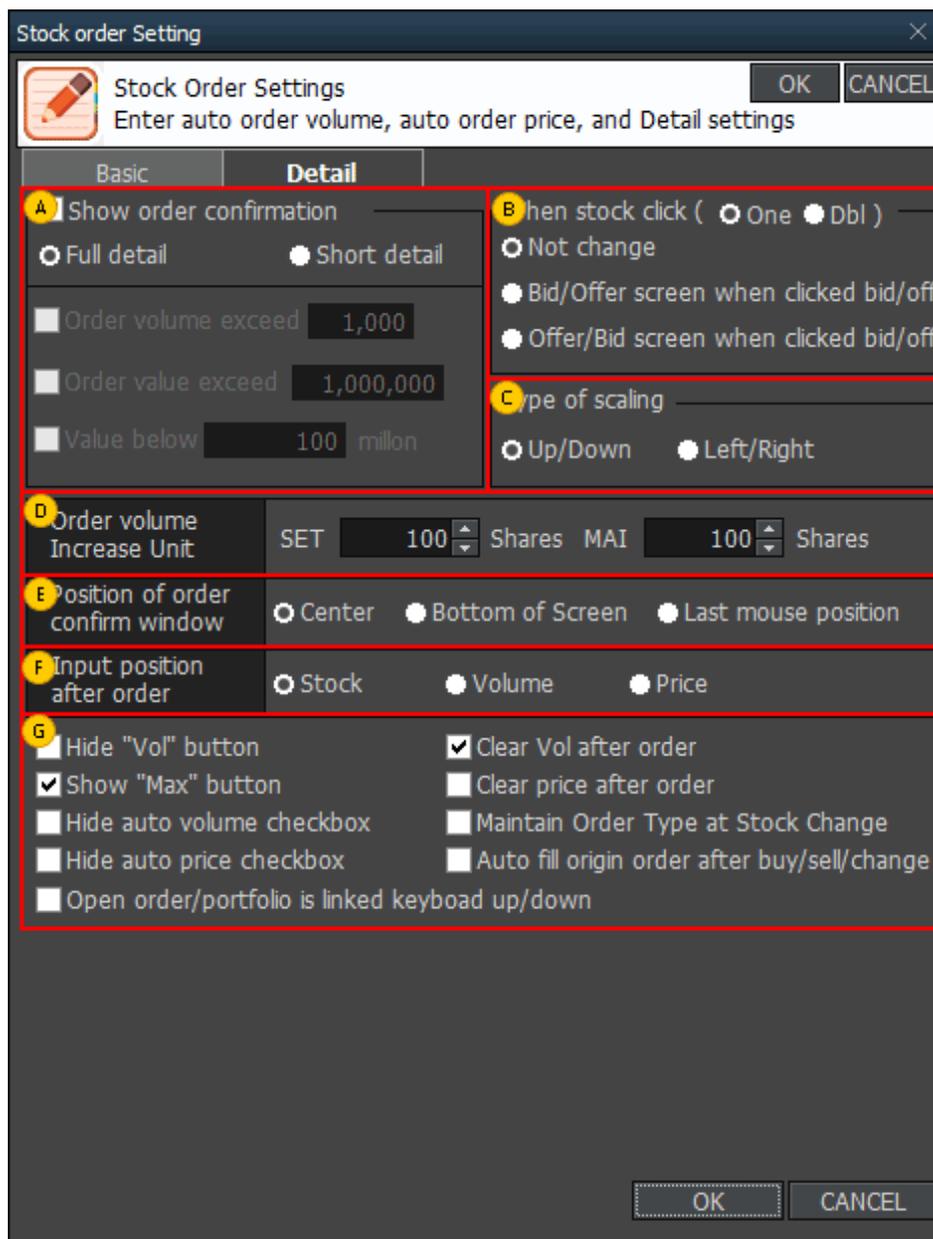
- B** User Defined Amount: Order amount can be adjusted by setting as a ratio of input value.

Ex) If 1,111 is entered into User Defined Amount and 'Input value' is selected, volume is calculated automatically based on 1,111 Baht entered by the user. If 50% is selected, volume is calculated to be 555 Baht (1,111 Baht × 50%).

- C** Automatic calculate when stock change: Order volume can be entered in %.

- D** When changing tab or stock, order volume and price can be filled automatically.  
If 'Price auto fill at stock change' item is selected, bid/offer price is filled automatically as price of "Buy, Change/Cancel or Sell" order whenever stock is changed.
- E** Order price is entered automatically according to designated tick or %.

2 Detail



- A Order confirmation can be shown in full detail or short detail.
- B Event for one clicking or double clicking of stock can be selected.
- C Type of scaling buttons can be selected between up/down and left/right.
- D Increase unit of order volume can be designated by the user. Default order volume is 100 or 50 stocks depending on price, but it can be set by the user for fast order placement considering size of deposit in the user's account.
- E Position of the order confirmation window can be designated.
- F Input position after order can be designated.
- G Various options such as showing of order window buttons can be set.

### 『Order Type』

- **Limit** : Limit order is an order to buy or sell at a specified price.

- **MKT(Market Order)** : A market order is an order to buy or sell a stock at the best available price. A market order can be matched at more than one price level. Unmatched quantity (if any) will be automatically cancelled. Market orders are allowed only during open trading sessions.
- **MP(Special Market Order)** : A special market order is an order to buy or sell a stock at the best available price. Such an order can be matched at more than one price level. Unmatched quantity (if any) will be converted to a limit order at a price of one tick better than the last executed price. Special market orders are allowed only during open trading sessions.
- **MTL(Market-to-Limit Order)** : A market-to-limit order is submitted as a market order to execute at the current best market price only. Unmatched quantity (if any) will be converted to a limit order at price equal to the last executed price. Market-to-limit orders are allowed only during open trading sessions.
- **ATO(At-The-Open Order)** : An order to buy or sell a stock at the session's opening price. ATO orders are allowed during pre-open sessions (morning and afternoon).
- **ATC(At the Close Order)** : An order to buy or sell a stock at the closing price. ATC orders are allowed only during pre-close sessions.
- **IOC(Immediate-Or-Cancel Order)** : An order to buy or sell a stock immediately at a specific price (limit order) on the condition that any remaining portion of the trade which is unmatched will be cancelled. IOC orders are allowed only during open trading sessions and are not allowed to be used with an Iceberg order or any market order type.
- **FOK(Fill-Or-Kill Order)** : An order to place a trade immediately and completely at a specified price (limit order); if the specified conditions cannot be met immediately, the order is cancelled. FOK orders are allowed only during open trading sessions, and are not allowed to be used with an Iceberg order or any market order type.
- **Publish(Iceberg Order)** : An iceberg order is a high volume order that has been equally subdivided into smaller lots so that only the portion of the total order which is currently being executed is visible. The broker specifies the subdivided portion of the order to be published in the order book. When the published portion of the order is executed, the next remaining suborder is made available for trade until the entire high-volume order has been executed.

An Iceberg order is allowed only during open trading sessions, must be a limit-price order, and must be divided into no more than 100 suborders.

Any unmatched portions of an Iceberg order in each trading session will be automatically cancelled by the system. In addition, when the trading of a particular stock is halted, all unmatched volume of Iceberg orders will be automatically cancelled.

\* Source of data: SET