Perpetual Investments

DEMYSTIFYING LONG-SHORT FUNDS

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THE BENEFITS OF A COMBINED LONG/SHORT FUND: INCREASING THE OPPORTUNITY FOR ALPHA

ALPHA IS THE OUTWORKING OF A FUND MANAGER'S STOCK PICKING SKILLS. IT IS THE ABILITY TO ADD VALUE ABOVE THE MARKET

A TRADITIONAL LONG ONLY FUND

Fund managers analyse an investable universe created according to certain investment criteria, ie sound management, quality of business, conservative debt and recurring earnings. They then rank stocks on valuation metrics. The highest ranking stocks are included in the portfolio; nothing is done with the low ranking stocks.

A LONG/SHORT FUND: INCREASING THE OPPORTUNITY FOR ALPHA

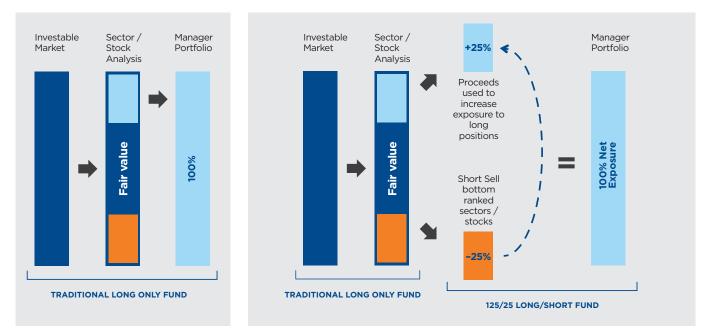
Fund managers employ teams of analysts to evaluate risks and opportunities, good news and bad news. The majority do nothing with the bad news, other than avoid certain stocks.

The combination of a long/short fund provides investors a way to profit from the bad news, as well as the good.

A long/short fund allows a fund manager to actively utilise the low ranking stocks by shorting them. This can increase alpha in a combination of different ways:

- **1.** It increases the opportunity set for the fund manager.
- If the stock declines in price, a profit is made when the short position is closed.
- 3. The cash received from initialising the short position can be used to increase exposure to the highest conviction, long stocks.
- The investor's gross exposure to the market increases, increasing the opportunity for alpha.

These opportunities are particularly valuable in volatile or sideways trading markets.



HIGH RANKING STOCKS

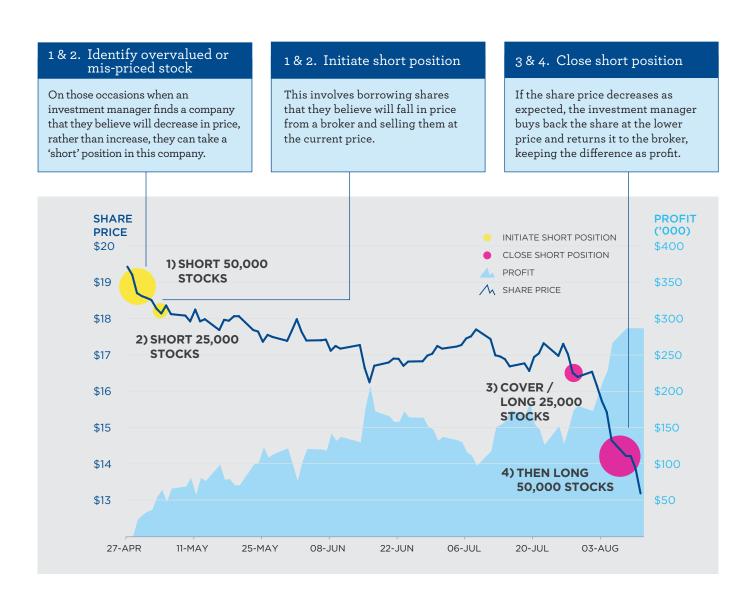
LOW RANKING STOCKS

WHY RISK MANAGEMENT IS IMPORTANT

When an investor buys a share, the worst case outcome is that he or she loses all the money they paid for it. However, when an investor shorts a share, the theoretical risk is limitless because the share price of the company could increase forever. At Perpetual, we believe that shorting requires a specific skill set and a prudent risk managed process in order to achieve a favourable balance of risk and return for investors. While well-chosen short positions can generate returns, especially during periods of market uncertainty, taking short positions does involve higher levels of risk than taking long positions only.

PROFITING FROM A FALLING SHARE PRICE

PROFITING FROM A FALLING SHARE PRICE TAKES A UNIQUE STOCK PICKING SKILL. THIS EXAMPLE DEMONSTRATES HOW IT WORKS IN PRACTICE



KEY BENEFITS OF SHORTINGDIVERSIFICATION FROMINC'LONG ONLY'OPF

Shorting allows investors to profit from declining share prices. Not only can this boost portfolio returns, it can also provide diversification from the traditional 'long only' portfolio.

INCREASED OPPORTUNITY SET

Being able to short stocks increases an investment manager's opportunity set.

If a 'long' investor finds a share to be unattractive, their only options are to sell the share if they own it, or not buy the share.

PROFIT FROM A FALLING SHARE PRICE

If a 'short' investor finds a share they expect to fall in price, they can short the share. If the investor's assumptions are correct and the share falls in price, the short investor can actively generate a return.

SEVEN COMMON MISCONCEPTIONS ABOUT SHORTING

WHILE SHORTING STRATEGIES HAVE THE POTENTIAL TO GENERATE RETURNS IN BOTH UP AND DOWN MARKETS, THERE ARE A NUMBER OF MYTHS ABOUT SHORTING THAT HAVE STOPPED MANY INVESTORS FROM USING THESE STRATEGIES WITHIN THEIR PORTFOLIOS

SHORTING CAN MAKE A COMPANY GO BANKRUPT

Shorting a share is no more sinister than selling a share for less than you paid for it.

Assuming a company has a reasonably strong balance sheet, even if its share price fell to zero, it would still be worth the value of its balance sheet.

All shorting does is expose weak companies.

2 SHORTING PLAYED A PART IN THE GFC

Prior to the global financial crisis (GFC), there were a lot of companies with overstretched balance sheets and these were exposed during the GFC.

Shorting did not create the downward pressure on these shares during the GFC. However during the extraordinary circumstances of the GFC, it can be argued that it compounded the pressures already at play.

3 SHORTING = POSITIVE RETURNS

While shorting provides the opportunity to profit in both rising and falling markets, not all short positions generate a positive return.

In fact, shorting is a specialist skill, as picking companies that will decline in price can often be much harder than picking companies that will rise in price.



All short selling transactions and positions are declared to the Australian Securities Exchange at the end of each trading day and are available to all market participants.



Some view shorting a company as tantamount to wanting it to fail. This is not the case.

In fact, shorting can be a benefit to the overall market because it adds liquidity, improves trading efficiency and helps to highlight where poor company management is not delivering on its promise to shareholders.

5 SHORTING INVOLVES UNLIMITED DOWNSIDE RISK

It is true that, when opening a short position, the theoretical risk is limitless because the price of the share could increase forever.

However, a 'stop loss' (see right) is used by prudent managers as a risk control tool to limit the loss if a short position rises instead of falls in price.

SHORTING DOESN'T WORK

The positive long-term performance of market indices leads many to believe that shorting does not work.

The aim of short selling is to profit from shorter-term factors, such as negative news or earnings downgrades, and can be used as a complement to a long portfolio that benefits from share price gains over the long term.

RISK MANAGEMENT: A STOP LOSS

Having a rigorous risk management process in place is a key part of any successful shorting strategy.

The process we use for all our long-short strategies is:

- no individual short position can exceed 2.5% of the portfolio
- if the portfolio holds a maximum short position, a stop loss will be triggered if the share increases in price by 10%.

Together, these risk controls mean that the worst possible portfolio impact of a single poor short position is a negative 0.25% return for the portfolio.

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