



*The DISAB vacuum system is the most powerful system ever used on site.*

## A successful first result determines Singleton Birch to invest in an additional vacuum system from DISAB

Singleton Birch Limited has celebrated more than 200 years since the company was founded. Over these two centuries and more, they have established themselves as the UK's leading independent lime supplier and have built an exceptional reputation for quality and service. Singleton Birch has diversified into a number of different sectors; each of the operations is part of the Singleton Birch family and encompasses the same standards of excellence.

Birch Lime continues to focus on lime and chalk products. Lime is a natural and traditional material used in environmental control, the production of steel, various chemical processes, waste and water treatment, production of lightweight building materials and other sectors of the construction industry.

### The benefit of plenty of suction power

The central vacuum system from DISAB is used to clear away spillages and dust created from producing Lime products. The first system was installed at Singleton Birch's Hydrate plant as this is one of the worst areas on site for spillages. It is also a lime product therefore more harmful. Installing a completely new vacuum system helped Singleton Birch to strive towards being the cleanest quarry in the world. Their existing vacuum system wasn't sufficient and the pipework was too small so a completely new system was proposed by DISAB UK so everything is in place for the plant to be as clean as it can be. The new vacuum system, including pipework, hoses & accessories has been located throughout the entire plant, including areas such as the silos and crusher house that previously didn't have access to a vacuum system. After successfully



*In 2018, Singleton Birch aimed towards becoming the cleanest quarry in the world. The installation of a central vacuum system was one of the incentives to help reach their goal.*

installing and seeing the benefits at the hydrate plant, a second system has been installed at the kilns. Jack Brow, Assets Manager at Singleton Birch, states:



*The installation was done to a very high standard; it's flexible to meet the needs of the plant and it's easy to maintain. The installers were extremely professional and experienced, giving confidence that every aspect of using the system had been considered.*

Today, Singleton Birch estimates that roughly 5 tonnes of material per system is being collected each week. Due to risk of contamination, all collected material is being safely disposed.

## Increase in Health & Safety

The cleaning tasks at Singleton Birch were previously completed mainly by brushing, as it was the easiest way as the old vacuum system wasn't sufficient. The aim of installing the DISAB vacuum system was to achieve zero brushing as this increases the health and safety dramatically. Mr. Brow was very pleased with the result of installing a DISAB centralised vacuum system:

*The new vacuum system is powerful enough to clear the product and is much more effective than the old system or brushing. The wide range of attachments increases flexibility and effectiveness to achieve better results. This therefore saves time and more importantly, provide a much safer working environment for the workforce.*

## Easy to use and strong suction power

Not only were Brow and Singleton Birch happy about the effectiveness of the new vacuum system, they were also very pleased with its design and ease-of-use.

*The way the vacuum system from DISAB has been designed is that there is a port with hoses and attachments close by in any part of the plant. This means the person using the system can quickly and easily remove any spillages created. Initially there were concerns about the vacuum system not being powerful enough to be able to handle the amount of our materials. However, the vacuum system from DISAB has the most powerful suction ever used on the site and can easily handle all our demands.*

## Key Benefits:

### Saves time and money

Installing a centralised DISAB vacuum system can save time and money. Not only is it labor saving but also flexible to meet the needs of the plant and very easy to maintain.

### Improves Health and Safety

It will also improve health and safety - there's no need for back-breaking manual collection with shovels and brooms, and highly advanced filters ensure harmful dusts are safely contained.

## DISAB Centralised Vacuum System Key Features:

- Powerful suction unit for the heavier workload.
- Removes anything from dust up to 60 mm debris.
- High suction capacity.
- Exceptional filtration levels, including optional HEPA filters, ensures dust-free collection.
- Range of flexible hoses, tools and extensions - no area is inaccessible.
- Labor saving - cleans up in minutes what can take days done manually.
- Easy to operate.
- Can be used around multi-level sites and with multiple operators at the same time.



*A wide range of accessories allows the operators to quickly and easily remove spillages even in the most hard to reach areas.*

## Site visits and demonstrations

If it's this kind of power and flexibility that you want when dealing with major housekeeping or waste removal and recycling tasks, contact us to discuss the options. We can arrange a site visit and demonstration to assess your needs and provide you with the best waste removal or recovery solution for your operation.