



Industrial



Commercial



Residential

Industrial, Commercial & Residential Cleaning Services

#keepingitclean



Who We Are?

Hydro-Active Cleaning Solutions Ltd was established to provide a range of industrial, commercial and residential cleaning services.

Our aim is to deliver high quality, efficient and cost effective cleaning solutions for all of our clients and customers.

The name Hydro-Active is based around the words 'Hydro' relating to water and 'Active' which is defined as engaged in or characterised by energetic work. Water has been described as the greatest solvent known to mankind. Therefore, our services are primarily based around harnessing the power of water in combination with specialist cleaning technology and equipment.

This innovative approach has meant that many of the cleaning solutions that we provide can be achieved without the use of chemicals (Eco-Friendly).

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Steam Pressure Washing

Ideal for cleaning render, stone, brick, masonry and even softer substrates such as wood

Steam pressure washing is a revolutionary cleaning process that combines the unique cleaning properties of steam with the efficiency of high pressure washing. Utilising our specialist cleaning equipment and technology this mode or method of cleaning is activated by the flick of a switch. In so doing, our standard hot water high pressure washers are converted into a unique high pressure steam cleaning system.

Using pressurised steam achieves outstanding cleaning results whilst significantly reducing potential damage to vulnerable surfaces. It simply would not be possible to achieve this level of cleaning using normal high pressure washing without serious risk of damage to the surface material.

Steam pressure washing has a far lighter impact on the surface material which mitigates the risk of damage. The 'thermo shock' effect causes the pollutant on the surface to overheat, break up and be removed - without damaging the surface. This makes it ideal for cleaning render, old stone, masonry and even softer substrates such as wood.



Gutter Cleaning

Ideal for cleaning leaves, moss and other debris from your gutters using gutter vacuum systems or mobile elevating work platforms

Hydro-Active Cleaning Solutions use the very latest in gutter clearing equipment. The gutter vacuum equipment combined with high reach poles, allows us to clean gutters quickly, safely and efficiently.

Our services provide access to those awkward gutter areas over fragile roofs, above balconies and narrow spaces that are generally inaccessible to more traditional cleaning methods. This allows us to safely and successfully clear leaves, moss and general dirt and deposits from your gutters without the use of ladders.

All the waste is collected and contained in the vacuum unit, transferred to heavy duty rubble sacks and then removed from your premises. We can also supply our own power source, if the use of the customer's electricity is inconvenient or unavailable for any reason.

We conduct a camera survey during and after cleaning to ensure that the gutters and down pipes are thoroughly clean.



Cladding & Roof Cleaning

Ideal for cleaning organic growth, atmospheric pollution and other general soiling from all types of cladding and roof systems

It goes without saying that the external surfaces of a building are exposed to the negative effects of various environmental and atmospheric conditions such as dirt, dust, grime, rain and pollution. These factors not only have a detrimental effect on the very fabric of the building but also on the appearance of the building and the impression that it creates.

Regular cleaning and maintenance is much more than a mere obligation as it increases the longevity of the building material along with maintaining the appearance and value of the property. Most cladding systems can be cleaned in much the same way as windows using our (hot) pure water, reach and wash system or by pressure washing or in some cases by low pressure steam cleaning.

We have the equipment, technology and expertise to meet your cleaning requirements. We are also prepared to come to your site and demonstrate the effectiveness of our cleaning techniques so that you can see firsthand the results that we can achieve.



Façade, Stone & Render Cleaning

Ideal for cleaning stone, brick or concrete render including K Rend and Monocouche

Hydro-Active Cleaning Solutions provide a complete external façade, stone and render cleaning service. The absolute priority is to identify and determine the type of brick, stone etc. in order to employ the correct cleaning method or procedure.

We always operate a 'substrate sensitive' approach to ensure that no damage is caused to the underlying surface. Our specialist cleaning technology and equipment of steam pressure washing, dry ice blasting or dustless blasting enables us to provide the optimum cleaning process. We can therefore remove staining caused by carbon, traffic film, organic matter, environmental pollution along with paint from your stone or brick building façade.

Using our low pressure steam cleaning system Hydro-Active Cleaning Solutions can also clean K Rend and Monocouche render systems. This technique involves a gentle but thorough cleaning process. This cleaning method has been designed to effectively remove pollutants, algae and moss (organic matter) and staining without causing any damage to the rendered substrate.



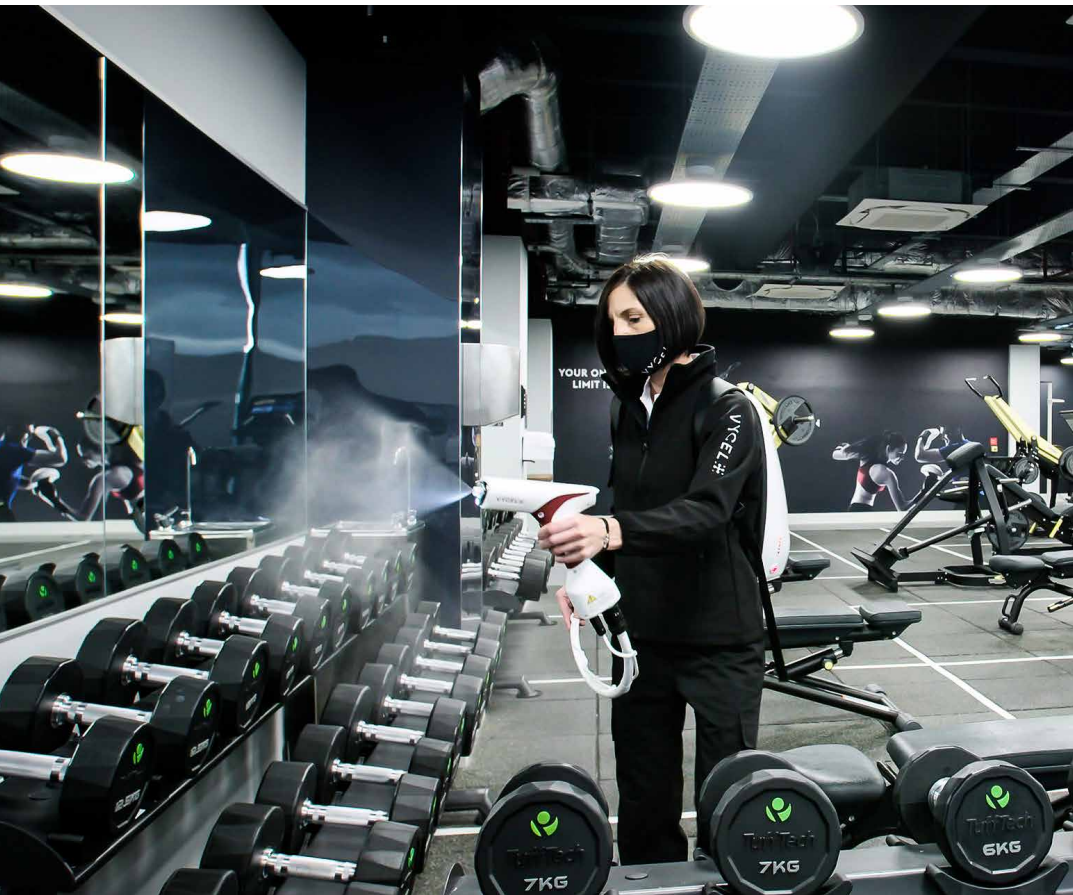
Guano Cleaning

Ideal for cleaning areas which have been affected by Guano or bird droppings

The potential consequences of untreated Guano (or bird droppings) is more far reaching than the obvious unsightly and unpleasant appearance.

Guano presents a serious health hazard as it contains bacteria, viruses and parasites. Two notable guano related diseases which are highlighted on the HSE (Health & Safety Executive) Website are Psittacosis and Salmonella. Psittacosis is an infectious disease caused by a bacterium called Chlamydia Psittaci. It is mainly associated with parrots and other similar species but it does affect other birds, including pigeons. The symptoms are commonly a flu-like illness and pneumonia. Salmonella may also be present in some bird droppings.

Hydro-Active Cleaning Solutions provide an efficient and effective guano cleaning and removal service. Our team will carry out a comprehensive risk assessment, wear the appropriate PPE (Personal Protective Equipment), and then deal with the guano related issue. This will ensure that your premises are safe, clean, hazard free and aesthetically appropriate for all staff and visitors alike.



Anti-Viral Protection

Ideal for all communal areas and shared public spaces

The recent COVID-19 pandemic has increased the importance and necessity of effective disinfecting to stop the spread of the virus. As life gets back to the new normal, people are more safety conscious than ever and have come to expect businesses and shared public spaces to be disinfected and sanitised too.

Hydro-Active Cleaning Solutions Ltd provide an onsite anti-viral protection service. Using our backpack electrostatic sprayer system we can disinfect large areas quickly and efficiently.

There is no need to leave the area being sprayed or treated which means there is no down time for your business. The fine antimicrobial spray pattern or mist has a 30 second dwell time and no wiping is required. The positively charged particles evenly coat and wrap all of the surfaces that they hit as well as sanitising the air it passes through. The water based antimicrobial virucidal liquid has been proven in independent tests to be 99.99% effective against COVID-19, SARS and other viruses. We also provide the option if you would like to purchase your own backpack and handset.



Tank & Bund Cleaning

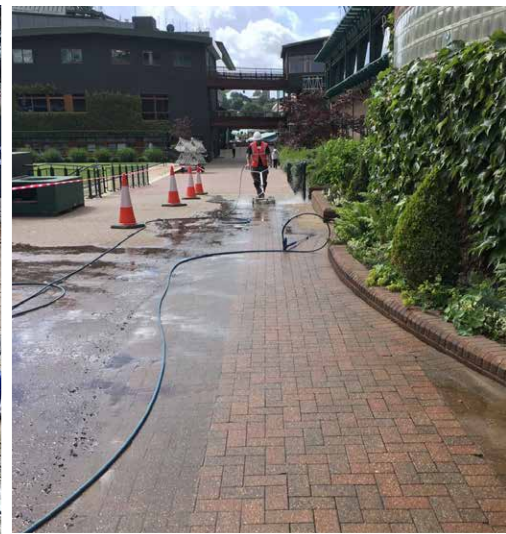
Ideal for cleaning all tank & bund areas to prevent contamination

Large vessels such as ballast tanks, mixing and storage tanks (including bunds) can be extremely difficult to clean and maintain due to their nature and structure. However, failure to do so can result in them becoming less efficient or in extreme cases malfunctioning completely.

As with all interior or exterior substrate issues, prevention is better than cure and often a lot more cost effective in the long term. So, cleaning difficult and awkward surfaces which may be out of normal sight deserves the appropriate and necessary attention.

Aging tank farms or storage equipment at times may also require cleaning prior to the application of a surface coating or lining system.

Hydro-Active Cleaning Solutions have the equipment, technology and expertise to meet your tank and bund (primary and secondary containment) cleaning requirements.



Forecourt & Floor Cleaning

Ideal for cleaning concrete, paving slabs, block paving, tarmac, tiles, resin, vinyl or wet pour rubber surfacing

First impressions matter! A clean and well maintained forecourt or floor will attract potential and repeat customers. One of the most inviting features for any visitor is a forecourt or floor that looks clean, professionally maintained and is clear of debris.

With our specialist cleaning equipment, Hydro-Active Cleaning Solutions can remove staining, oil, pollutants, moss, algae, chewing gum and general grime from the forecourt or floor surface. This not only creates the right impression but also fulfils health and safety obligations.

If you have a petrol station, car park, supermarket or playground, constructed of either block paving, concrete, tarmac, resin, vinyl or wet pour rubber surfacing - we can help you with your cleaning and maintenance requirements.

For busy forecourts and floors, we would recommend implementing a regular maintenance programme to ensure that your premises retains maximum visual impact and remains the most inviting in your area, all year round.



Graffiti Removal

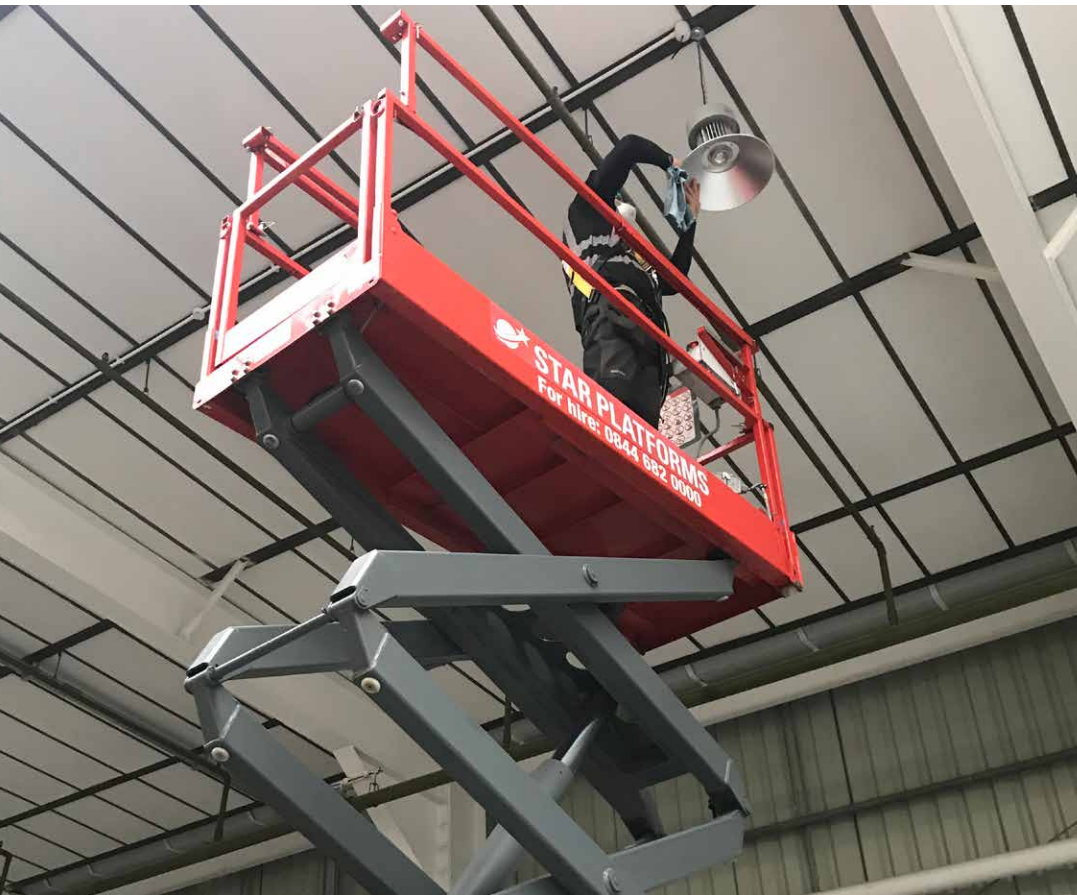
Ideal for reactive and efficient removal of graffiti from most types of substrates or surfaces

Studies have shown that the quicker graffiti is removed, the less likely it is to attract collateral or additional graffiti. For this reason alone, graffiti removal needs to be reactive, swift and effective.

Decisive action can reduce the potential costs associated with removal and/or repainting of affected surfaces in the future, not to mention the unwanted visual impact of the graffiti in the first instance.

Many companies rely solely on chemical solutions to remove graffiti. This has the potential to cause long term damage and degradation to the surface or substrate.

Hydro-Active utilises its specialist cleaning technology and equipment of steam pressure washing, dry ice blasting or dustless blasting when it comes to graffiti removal.



Internal High Level Cleaning

Ideal for maintaining hygiene and cleanliness in those hard to reach places

The internal high level areas within industrial or commercial environments such as factories, warehouses, offices, manufacturing sites and retail units can pose a real challenge when it comes to cleaning from ground level. This often results in a build-up of dust, dirt, grease, and other debris at higher levels which is detrimental to the overall hygiene and cleanliness of the working environment.

High level cleaning services are specifically tailored to manage the cleaning of those hard-to-reach areas such as light fittings, exposed pipework and beams, sky lights, ductwork, cable trays, ceiling and wall cladding. By utilising equipment such as scissor lifts, cherry pickers, mobile scaffold towers, Skyvac telescopic vacuum systems, reach and wash water fed pole systems and so on we can provide a bespoke internal high level cleaning service.

The health and safety implications and potential damages with working from a height mean that high level cleaning should only ever be undertaken by fully trained personnel with the correct equipment.



Chewing Gum Removal

Ideal for fast and effective removal of discarded and unsightly chewing gum

Discarded chewing gum is a worldwide disposal and cleaning problem. Around 20 million people chew gum in the UK each day. Sadly, a lot of chewing gum ends its life on the floor. We can utilise our specialist steam pressure washing or dry ice blasting systems to remove the gum and ensure that the surface is gum free. We can achieve this without damaging or degrading the underlying substrate in the process.

Our chewing gum removal teams have safe cleaning methods to avoid disruption to your business, staff and the public. Our steam pressure washing system uses only 70 litres of water per hour compared to less effective traditional pressure washers that use up to 2,500 litres per hour. This allows fast and efficient chewing gum removal without flooding adjacent areas with water. Our dry ice blasting system produces no secondary waste whatever - so we can undertake a water free operation if required.

It is interesting to note that where councils and other authorities have taken their responsibility seriously and kept the area chewing gum free there is quite often very little collateral gum in surrounding areas.



Window & Solar Panel Cleaning

Ideal for cleaning glass windows, canopies, skylights and balconies along with solar panels and arrays

Internal Window Cleaning Pole System

We have an internal 'Dragonfly' pole system that can clean internal windows up to 70ft from the safety of the ground. This system is a very safe and cost effective method of cleaning internal windows.

Commercial Reach & Wash Window Cleaning

We can currently clean windows up to a height of 70ft from the safety of the ground with the added benefit of cleaning the frames as well as the glass with no disruption to the occupants of the premises or property.

Solar Panel Cleaning

Hydro-Active Cleaning Solutions offer a solar panel cleaning service to enable you to maximise your investment and provide all the necessary plant, equipment and expertise to ensure safe and effective solar panel cleaning.



Dustless Blasting

Ideal for cleaning and/or paint or coating removal from brick, metal, wood, fibreglass and other substrates

Dustless Blasting utilises a combination of compressed air, water and blast media so that only a fraction of the amount of blast media is required when compared to dry blasting. This system allows the operator to increase or decrease the amount of water, blast media and air which gives greater control and precision over the entire blast process.

The presence of the water along with the blast media has a cushioning effect along the blast hose which means that no heat, friction or clouds of dust are produced with this preparation or cleaning method. This also helps to prevent warping of the blasted surface.

The combination of water allows the blast media to travel at greater speeds along the hose which enables the blast media to have a more significant effect on impact with the substrate. The water micro-washes the blast media from the blasted surface leaving it clean, profiled and contaminant free. This in turn produces the best possible bonding interface for future protective coatings or linings.



Dry Ice Blasting

Ideal for cleaning various areas and substrates without producing any secondary waste

Dry Ice Blasting is an industrial cleaning process in which particles of solid carbon dioxide are propelled at high velocities to impact and clean a surface. These particles are accelerated to supersonic speeds by compressed air and delivered via a hand held or robotised nozzle at the surface to be cleaned.

Dry Ice Blasting differs from other blasting techniques as the blasting media (solid carbon dioxide) vaporises on impact with the surface being treated, leaving nothing behind other than the material or contaminant that has been removed. This process cleans without surface erosion, etching or abrasion. It is also non-conductive, non-flammable and non-toxic.

This process was developed as a safe, clean alternative to traditional forms of abrasive blasting. Dry Ice Blasting has now grown to become an integral and truly versatile cleaning process for a wide range of industries throughout the world.



Protective Coatings

Ideal for providing seamless, durable and cleanable coatings for many applications or areas

Protective linings and coatings provide a seamless, durable and cost effective solution for many applications. They are particularly effective for tank and bund lining projects (primary and secondary containment). The basic principle behind this operation is to utilise the existing structure as a mould and in effect create 'a tank within a tank' or 'a bund within a bund'.

Protective lining systems can be installed (either reinforced or unreinforced) to extend the life expectancy of storage facilities or containment areas. This onsite operation can reduce downtime and minimise disruption to production.

Clear protective coatings can also be used to prevent airborne dirt and stains from adhering to finished surfaces enabling easier removal during the cleaning process. These invisible systems do not alter the aesthetic appearance of the substrate or change its colour. The treated surfaces will also remain moisture and vapour permeable.

Hydro-Active Cleaning Solutions can offer the design and manufacture of GRP Fibreglass mouldings for various applications in numerous industries.



Technical

SteamPLUS Steam Pressure Washing

The SteamPLUS system is a cleaning mode that is built into our vehicle mounted hot water, high pressure washers. The system is activated simply by the flick of a switch. In doing so, our standard hot water high pressure washers are converted into a unique high pressure steam cleaning system.

The system passes water that is under high pressure through a diesel burner, this causes the water to "overheat" which in turn creates steam at a temperature of 200°C, this steam then passes through the hoses and reaches the spray nozzle at 150°C.

The carefully regulated and fast flowing combination of steam, water and oxygen has a fully adjustable working pressure of between 50-200BAR and a flow rate of 7L per minute.



SteamPLUS[®]
+ invented by meclean

IBIX Trilogy Dustless Blasting

The IBIX TRILOGY technology used by our skilled operatives is the latest innovation from IBIX. The triple functionality of HELIX along with H2O and Dry eco-blasting capabilities is combined in one machine.

This allows our operatives maximum versatility and drastically reduces the time for specialist cleaning, paint removal, restoration and treatment of surfaces.

HELIX technology imparts a rotary motion to the abrasive media exiting the gun.

The impact of the abrasive on the surface is therefore tangential as opposed to perpendicular. The result is an abrasion that is more gentle and respectful to the substrate. An added benefit is an increase in the contact area and overall efficacy.

HELIX systems can operate in both wet and dry modes and are designed for cleaning delicate natural and artificial stones, marble and wood.

Our Trilogy technology represents the state of art in the fields of surface treatment, industrial and specialist cleaning, restoration and urban cleanliness.



IBIX[®]
USER



Technical



Vycel Anti-Viral Protection

Harnessing the latest technology in a practical ergonomic design Vycel offers a quick, safe and cost effective way of protecting your business from the health and financial threats posed by infectious spread of viruses and bacteria.

The Vycel 4 delivers a positively charged, water based, antimicrobial spray through an optimal 40-micron nozzle. These positively charged particles repel each other thereby creating a mist that evenly coats and wraps all of the surfaces that they hit as well as sanitising the air it passes through. This onsite Electrostatic Anti-Viral Protection (AVP) spray service is the new standard in virus protection.

Killing 99.99% of bacteria and effective against COVID-19, SARS and other viruses, our electrostatic spray service positions this innovative approach ahead of the current fogging practice.

VYCEL ™



White Lion Dry Ice Blasting

Our Dry Ice Blasting service using White Lion technology is an industrial cleaning process in which particles of solid carbon dioxide are propelled at high velocities to impact and clean a surface. These particles are accelerated to supersonic speeds by compressed air and delivered via a hand held or robotised nozzle at the surface to be cleaned.

The dry ice pellets hitting the component cause a sudden punctual supercooling of the coating or contaminant that has to be removed. Due to the different thermal expansion coefficients of the contaminant and the substrate thermal tensions emerge between the two layers. The contaminant embrittles, debonds and is removed.

The energy produced during this procedure is chiefly responsible for the actual cleaning process. Kinetic energy is transferred from the dry ice media to the surface which removes the contaminant and is then converted to heat producing sublimation (the process of turning from solid to vapour).



WHITE LION

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