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Install Complex, Business-Critical Equipment with Total Confidence

Whether you're installing a single piece of equipment or an entire production line, our trusted team of engineers can support every step of your project, from assembly and bolt-up to start-up and final tests.

Highly complex installation projects require an expert team with the right knowledge and experience to correctly de-install/install equipment, meet OEM specifications and avoid disruption or damage.

Our global turnkey Equipment Installations service helps OEMs and manufacturers in high-technology industries such as semiconductor, aerospace and pharma to install complex equipment with total confidence.

“We know IES are reliable, flexible, and knowledgeable of the semiconductor industry so we were the best partner for the installation project.”

-Chief Operating Officer,
Plessey Semiconductors

How IES can help

De-risk your installation

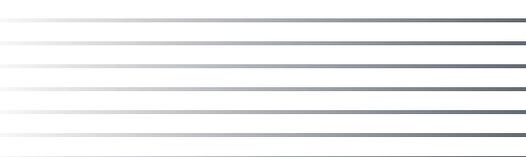
Avoid damage to equipment and minimise production downtime by working with an experienced team you can rely on.

Get expert installation support

Install and start-up equipment according to OEM specifications and protocols.

Adhere to cleanroom protocols

If required, work with cleanroom specialists that understand equipment complexities and the strict protocols required.



What's Included in Our Equipment Installations Service

Comprehensive site surveys, method statements and risk assessments

At the beginning of each project, we carry out site and equipment surveys, health and safety assessments, and construction design management plans. We also design an airtight plan and schedule for the installation.

Bespoke pedestal bases

We manufacture bespoke equipment pedestals that accommodate equipment dimensions, level of expected vibration and the exact load-bearing criteria. [Learn more about our bespoke equipment pedestal service here.](#)

Assembly and bolt-up

We assemble and bolt-up equipment in accordance with the OEM's protocol. Or, if working with a legacy machine where the instructions have been lost, we have the knowledge and experience to recognise how to assemble the equipment correctly. As part of assembly, we use shimms, laser alignment, tramming and other industry-approved methods of levelling and alignment.

Commissioning and start-up

We follow the OEM checklist and start-up protocols, as well as commission equipment and test functionality to ensure it's working to its full potential and capacity.

Final tests

Finally, we perform final checks and tests to ascertain that the equipment is working exactly as it should be and that no further adjustments are needed. Once equipment has passed its final tests, it's ready to be put into use.

"It is a pleasure to work with such a professional company that meets the high quality and safety standards of HP."

-Product Manager, HP



Additional Support Services

Dismantling and de-installation

If your equipment first requires dismantling and de-installation, we follow the OEM's very specific protocol for the dismantling of each module and preparation for movement. We also label each piece of equipment to make it easier to reassemble.

Equipment moves

Our experienced riggers have all the right knowledge and equipment needed to lift, move, offload and unpack equipment without causing any damage. This includes using suitable moving systems—for example, machine skates or air flotation systems when needed.

Crate manufacturing

We manufacture all types of full timber, ply batten and skeletal crates for packing equipment. These are made-to-measure, fully ISPM 15 & BS1133 compliant and include all internal fixings needed. We can also supply machine and anti-vibration crate bases, internal ramps, shock recorders and more.

Export packing

Our experts will safely pack your equipment and get it ready for transport. This includes wrapping equipment, packing it into heat-sealed moisture bags with desiccant, and applying labels, special shipping markings and tilt and shock watch indicators.

Field service engineers

We supply expert electronics, electrical and mechanical engineers and technicians on-site to support your capital equipment—whether that's on a long, medium or short-term basis. We can support you with fixing emergency tool-down situations, preventative maintenance and more.

Post-installation compliance testing

We offer a rigorous and reliable compliance testing service that ranges from UKCA and CE marking to PWER workplace assessments and EMF testing. We also offer a consultative service to help you achieve compliance in the event that your equipment is non-compliant.

Parts sourcing and provisioning

For semiconductor tools, we can supply high-quality new and used parts for ion implanters and other types of high-technology equipment. [Learn more about our semiconductor part provisioning service here.](#) We also have an extensive parts repair facility with high-voltage testing.

Upgrades

We support you with any electrical or mechanical upgrades that you might require—whether that's to meet compliance requirements or to facilitate performance improvements.

Why IES?

Deep expertise in installing complex equipment

We've been installing complex, high-technology equipment since 1991 and have worked with some of the most prestigious semiconductor and pharma organisations globally. So, any challenges that may arise, we've seen them all before.

An end-to-end supplier

Whether you simply need help assembling and installing complex equipment or you need a supplier who can also handle decommissioning, disassembly and de-installation, we can manage every single step of your equipment installation process—all in-house.

Excellent service

We pride ourselves on delivering clients the results they want. Our flexible and collaborative team understands that plans can change and always finds a solution to any problem that might arise.

How We Installed Eighteen Tons of Equipment in Four Months for Pharma Manufacturer Catalent

Catalent is a global leader in enabling pharmaceutical, biotechnology and consumer health partners to develop, launch and supply products for clients worldwide.

In 2019, the company needed help installing, positioning and assembling eighteen tons of process equipment in its brand-new 253,000 ft² Swindon, UK, facility.

Over the course of four months, we safely offloaded, assembled and installed the equipment according to OEM specifications—without disrupting operations at its adjacent facility.

As a result, Catalent could put the facility into use to support the development and growth of its new technology, Zydis Ultra.

“This was a huge investment, so we only want to work with experts who can get the line up and running effectively and quickly, and who we can rely on to care for sophisticated equipment, which are vital to our operations.

“From the sales team, right through to the engineers, the service has been second to none, and that’s why we call on IES again and again”

-Engineering Project Manager, Catalent

About IES

At IES, we've been supporting end-users and OEMs in high-technology industries such as semiconductor, pharma and aerospace with business-critical equipment installations since 1991.

Request a callback from one of our experts to discuss your equipment installation needs in more detail. Alternatively, you can book a site survey to scope your project.



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