Key findings
What our clients said:

Post Brexit trading
61% have a Brexit strategy in place
39% feel they cannot plan until they know more regarding Brexit negotiations.
82% of Manufacturing & Engineering businesses have evaluated risk in their supply chain.

Barriers to growth
26% cited global economic conditions.
22% stated recruiting skilled staff.
19% had concerns around Brexit and future trading tariffs.

Future business strategy for 4.0 and Robotic Process Automation
29% have a strategy.
26% stated it wasn’t practical due to lack of infrastructure (e.g., lack of 5G technology).
13% said they have measures in place to reduce their Environmental Impact in the future.

Employment
78% have difficulty recruiting appropriately skilled staff.
55% investing in training of current staff to combat recruitment issues.
48% excluding apprentices, 48% of businesses anticipated taking on new staff.

Key findings
What the financial data tells us:

Revenue has grown year on year although growth decreased
4.11% 11.22%
2018 2017

Growth in Net Assets risen from 9.97bn 2017 to
£10.49bn 2018

Looking at 2019 businesses are holding onto stock as a result of Brexit
58%

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We sit at the cusp of a new dawn in the relationship between the United Kingdom and the European Union. What transpires from this point will, of course, be pivotal to the future of the vital Manufacturing and Engineering sectors. It may be that with the transitional period the direct impact will not be seen immediately and with many trade deals still to be negotiated we are still in for a period of some uncertainty.

Our Manufacturing and Engineering sector is resilient and adapts to any particular situation, but as advocates for the sector we will continue to push their agenda into Government.

This seventh annual MHA Manufacturing and Engineering Report has enlarged its scope this year, thanks to our Data Analytics team, to bring in information filed at Companies House and has compared this to the responses provided by our respondents. It is not surprising that Brexit has impacted significantly on the sector, but the influence of the wider economy is also evident. Skills has been the almost perennial issue highlighted over the years of our reports and this is evident once more, but again, within the sector and despite the challenges it has faced, cash reserves have been boosted, confidence remains high and recruitment plans are in place to take advantage of the many opportunities which exist. I continue to be grateful for the ongoing support of Lloyds Banking Group and IMechE and for our expert contributors who have written within this report.
Key highlights:

- Revenue has grown year on year, although 2017 growth rates (11.2%) were higher than 2018 (4.1%).

- As a revenue subsection, companies involved in the manufacture of machinery, motor and transport saw a decline in revenue between 2017 and 2018, falling from third to fourth in the hierarchy behind the growing revenues in the manufacture of coke, petroleum, chemicals and pharmaceuticals. All other subsections increased revenue.

- Although gross profit has increased in sterling terms, it has fallen in % terms from 22.1% to 21.4% between 2016 and 2018.

- EBITDA per employee fell from £27k in 2016 to £25.4k in 2018. Although expected by some this has not been business as usual for the manufacturing sector. In fact initially we had a period in which manufacturing did better than much of the rest of the economy due partly to Brexit, more recently it has fared particularly poorly.

- This reduction in GP% margin has contributed to falling net profit (6.9% to 6.03%) and EBITDA (earnings before interest, tax, depreciation and amortisation) (10.8% to 9.4%) margins over the same period.

The big picture for UK Manufacturing over the past few years is that we had a period during 2017 when it outperformed the economy as a whole, then in 2018 and 2019 it slowed sharply and underperformed. In 2017 growth was boosted by the big competiveness gain from sterling’s depreciation and by an acceleration in global activity. In 2018 the sterling boost began to fade and also global growth slowed. One key cause of the latter is the impact of international trade tensions particular between the US and China.

Fears of this seems to have hit business confidence and so led to a slowdown in business investment and hence in the demand for capital goods. This brought about a global slump in manufacturing. One recent piece of good news is that a partial trade deal seems to been agreed between the US and China signed on 15th January. This holds out hopes that 2020 may be a better year for global manufacturing.

In the UK, investment intentions have additionally been hit by Brexit slowdown so here the slump has been particularly marked.
After a very flat 2016, revenue growth was high in 2017 (11.87%) and 2018 (13.14%). Margins in this sector are lean, with efficiency and cost management being a critical success factor.

GP percentage is much lower at 14.95% (vs average of 21.4%) and has seen a declining trend since 2016. Tax rates are much closer to the standard corporation tax rate, suggesting not as many reliefs are applicable to this sector. EBITDA per employee (18.4k) is lower than average (25.4k), indicating this sector is labour intensive.

### Corporation tax

The corporation tax rate reduced with effect from 1 April 2017 from 20% to 19%. As the companies included in the dataset will all have reported under either IFRS or FRSL2, the tax charges reported will be “total tax charged” made up of both current tax and deferred tax and so would be expected to be at 19% (or 20%). However, the factors which typically would have resulted in tax charges of less than 19% (or 20%) would typically be (1) permanent differences such as Research & Development tax reliefs or Patent Box, which reduce current tax without an impact on deferred tax and so typically will not cause a reduction in a tax rate under current tax and deferred tax and so would be expected to be at 19% (or 20%).

### Tax reliefs

Tax rates are close to the standard corporation tax rate, as would be expected with a “total tax charge” as calculated under IFRS or FRSL2. However, HMRC’s corporation tax statistics commentary shows that the average “cash tax” rate in the manufacturing sector is approximately 10% with the balance of the tax rate to the average charge of approximately 17% being made up of deferred tax movements. This can be explained by HMRC’s corporation tax statistics which show that the manufacturing sector is the biggest beneficiary of capital allowances (however relief in the form of capital allowances has a deferred tax impact and so typically will not cause a reduction in a tax rate under a total tax change).

### All other manufacturing – raw materials

All other manufacturing captures a large number of smaller subsections, grouped by the SIC code system to reduce the number of company categories and also by their likeness. They are mainly involved in working with a variety of raw materials like plastics and metals.

Given the diverse nature of the companies in this sector, it is perhaps not surprising that the group is very similar to the overall average with relation to revenue growth.

### Coke, petroleum, chemical and pharmaceuticals

After two years of high growth, this sector saw a slowdown in revenue growth in 2018. The oil and gas price bottomed out in 2016, although given the nature of long-term contracts in this sector the impact of market change is often delayed. It was not until the 2017 financial year that businesses halted recruitment and actually reduced headcount (minus 0.04%) ahead of 2018 when the revenue growth levels slowed significantly, dropping from 14.94% in 2017 to 6.16% in 2018.

There is evidence that the oil and gas market is making a strong recovery, although it will not be until 2020 and 2021 we see that reflected in performance results for this supporting sector. Levels of confidence in 2018 are visible by the increase in headcount once again up to 5.54%.

### Textiles and leather

The textiles and leather sector had fairly consistent growth rates although Gross Project is declining. Net Profit as a percentage has remained consistent, suggesting the sector has controlled overhead spend to maintain profit levels. This has not been through cutting headcount however as the EBITDA per employee has reduced. In a sector with growing revenue, this would suggest that the level of new recruitment is higher than the growth in revenue.

### Computer, electronic and light electrical

Computer, Electronic and Light Electrical manufacturers experienced a more consistent, and slightly higher, growth in revenue over the last three years compared to the overall sector, although the increased spike in 2017 (9.88%) was not as significant as machinery and coke (14.94%).

The stability of revenue growth is also matched by fairly consistent margin levels across the last 3 years with only slight decreases in net profit.

This subsection generates a slightly higher level of net profit than the sector average (7.93% vs 6.03%), but interestingly has a much lower level of EBITDA per employee. This suggests that this subsection is more labour intensive and less capital intensive than the other subsections.
After depreciation, fixed assets grew by 13.4% in financial year 2016, but this rate of investment slowed in 2017 to 5.2% and further reduced to 2.9% in 2018.

There is certainly evidence that companies raised inventory in 2016 due to Brexit uncertainty. Our clients surveyed commented that there was growing uncertainty in the supply chain as we approach Brexit, reflected by an increase in the levels of inventory businesses are holding.

Debtors days have fallen in the period alongside an improvement in working capital and the cash to borrowings ratio. Throughout the four-year period, borrowings have exceeded cash levels, although since 2017, the deficit has reduced at a much quicker rate than previously. In 2016 the deficit was 0.28 reducing by 42% and in 2018 the deficit was 0.19 with a reduction of 32% and in 2018 the deficit was 0.19 with a reduction of 32%. Businesses are increasingly protecting cash, controlling debtors and either reducing the dependency on loans (or the availability of loans is reducing). This is further supported by an improvement in the Current Ratio.

Overall, revenue is increasing, but due to a tightening of margins and reducing profitability, businesses appear to be less likely to invest.

### Case study: Flexible Machining Systems (FMS)

FMS is a precision engineering company, hoping to expand its business outside of the UK within the next couple of years. It has a loyal customer base owing to its excellent reputation for quality. However, it had lacked investment over several years until recently, when FMS and its sister company, Horsham Sheet Metal (HSM) (who were both part of a larger business group), were purchased. FMS’ new owner is now investing in new machines, equipment, people and processes. Its new robust production planning and project management processes have had a positive impact on the business, making sure orders and special projects are executed on time. This has been aided by the addition of six new people, including three apprentices, a quality/continuous improvement manager and production engineers. Russell Levell, FMS and HSM managing director, believes the Government should promote the Manufacturing industry as an exciting career choice more effectively, as many school leavers have the perception that it’s a ‘dirty’ job.

Restrained investment due to market uncertainty is a clear theme. This is a concern as investment in state of the art technology drives productivity and performance in addition to creating capacity. The UK already lags behind international peers in manufacturing technology investment and in times of tighter global competition the need for investment is ever more pressing. This needn’t always be in large capital assets to create new capacity, but could be in digital and automation technologies that improve the performance and yield from an existing asset base.

**Sam Turner**
High Value Manufacturing, Catapult (HMV)

There is certainly evidence that companies raised inventory in 2019 due to Brexit uncertainty. There was a pick-up before each of the planned Brexit dates as companies prepared for the possibility of ‘no deal’ and then some rundown afterwards when Brexit was delayed. There is no real indication of a marked Brexit impact on inventory prior to 2019. However, it is possible that companies were caught out by the extent of the slowdown in 2018 and so found themselves with unwanted stocks.

**Rhys Herbert**
Lloyds Bank Commercial Banking
2019 Trend Analysis

Here are the global views on 2019 filed accounts to date – giving an early indication of business behaviour over the last year. The comparative numbers for 2016, 2017 and 2018 are taken only from the companies who filed in 2019 for comparison purposes.

An early indication from the data is that businesses will see revenue growth but that margins will most likely continue to be squeezed, reducing all profitability measures. An interesting trend in the data shows that investment in employees has increased, suggesting businesses know they have been under increasing pressure over the last few years and need to act. Interestingly when looking at the client survey data just under half of businesses plan to take on new staff (48%) with 22% seeing recruiting skilled staff as a barrier to growth. For those who aren’t recruiting 55% plan to invest in training current staff.

We are seeing continued limited investment in assets, increasing revenue per pound of asset even more. Inventory measures suggests the level of stock being held is continuing to increase.

We are seeing continued limited investment in assets, increasing revenue per pound of asset even more. Inventory measures suggests the level of stock being held is continuing to increase.

Debtor days are still being well managed, although the reduction in working capital, and increase in creditors, suggests businesses are using suppliers to fund some of the investment in stock levels. Cash protection continues with an increase in the cash to borrowing ratio.

### Case study: Playdale

This North West company designs and manufactures outdoor playground equipment, exporting to just under 50 countries with plans to grow. Established for over 40 years, over the last 10 years, Playdale has increased its exports to 50% of its total output, accounting for a quarter of its turnover. It plans to further increase export sales by improving service and speed of business through general digitisation across the business, including design, sales and production. They have also recently invested in specialised digital equipment, and have successfully made R&D claims.

The forward-thinking managing director, Professor Barry Leahey MBE, who featured in ‘The Manufacturer Top 100 People in Manufacturing’ in 2018, says their team, who are highly skilled and experienced, are key to the success of their business, and they are planning to hire further specialised staff.

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Playdale’s experience is an example of how a well-run company can prosper when it invests in its people, even in a challenging global environment for manufacturing. The signs are that 2020 will see some of these pressures ease, which will hopefully create even more opportunities.

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Dave Atkinson
Lloyds Bank Commercial Banking
What our clients said

This year MHA surveyed over 230 UK manufacturers and engineers to identify opinions in several core areas: their business as a whole including business confidence and growth, post Brexit, industry 4.0 and recruitment. We have then compared this to our financial data analysis.

Brexit

Brexit strategy: 61% of businesses have a Brexit strategy in place, unsurprisingly this has almost doubled from last year (34%). Of those with a strategy in place 46% believe the impact will be limited, while 15% sense the potential impacts are extensive. 39% feel they cannot plan until they know more regarding negotiations.

These results are not dissimilar to other surveys. Those showed a reluctance to spend money on Brexit plans due in part to uncertainty about the outcome. The reluctance was particularly marked amongst SME’s. Indeed the indications were that larger companies were much better prepared than smaller companies. As Brexit dates approached, planning became more of a priority but that seemed to be primarily concentrated in accumulating inventory to see businesses through in initial shortages.

Rhys Herbert
Lloyds Bank Commercial Banking

82% of businesses stated they have evaluated risk in their supply chain. Those 18% who have not yet done so should seek advice to ensure protection of their supply chain as we leave the EU. We asked what steps are being taken to address the identified risks. 32% have sought relevant guarantees, 31% have made changes to their supply chain and 26% don’t feel there is anything that can be done to reduce risk. Only 11% of respondents have secured Authorised Economic Operator (AEO) status to reduce potential delays at customs. As changes to customs become imminent we suggest business should consider AEO status.

What the financial data says:
Businesses are using their supply chain to fund working capital and reduce risk.

Revenue Growth: The next 12 months

Overall 70% of businesses are expecting to see growth in the next 12 months (71% last year), of that 15% are expecting 10+% growth (a 4% increase on last year), leaving 35% anticipating flat or no growth, the same as predicted last year.

What the financial data says: Yes, revenue growth is apparent, but at the cost of reducing margins.

What the financial data says:
Businesses are holding cash, reducing debt and not investing in fixed assets. This could be their Brexit strategy.

Main barriers to growth:
26% cited global economic conditions, 22% stated recruiting skilled staff and 19% had concerns around Brexit and future trading tariffs.

What the financial data analysis says:
Yes, Brexit has had an impact on the financial strength and strategy of businesses.

Despite this uncertainty, 48% are still planning to make a significant capital investment in the next 12 months, though 52% are not planning to. Of those not investing, 39% put this down to Brexit uncertainty and 69% felt they invest as appropriate and have no foreseeable need.

What the financial data says:
Early indicators for 2019 financial data show that businesses are starting to invest in fixed assets after years of not spending in this area.

Rhys Herbert
Lloyds Bank Commercial Banking

What happens post Brexit will depend on what sort of deal we eventually agree with the EU. Internationally exposed companies are likely to be hit harder by Brexit but even those who concentrate on the domestic market could be hurt if their customers are exporters. For example, the car components industry may supply UK based car producers but the latter sell much of their product abroad.

Rhys Herbert
Lloyds Bank Commercial Banking
It is encouraging that a large majority of companies have plans in place to lower their environmental impact. Reducing waste and increasing efficiency makes good financial sense, but companies are often reluctant to make the investments required. SMEs in particular have a very low awareness of the benefits of energy efficiency and in 2019 the Government conducted an investigation into the reasons for this. Various policy options are being considered to boost business energy efficiency, including green loans, energy efficiency auctions, and energy efficiency obligations. For companies looking for advice in this area, a good place to start would be the ‘SME guide to energy efficiency’ which was published in 2015 by the Department for Energy and Climate Change.

Matt Rooney
Institution of Mechanical Engineers

Environmental Impact

Thinking about environmental impact, we asked businesses if they had put measures in place to reduce the impact their business has on the environment in the future. 62% said they have with 33% of those saying it is the right thing to do and 29% who see this as a key approach to their business. Of the 38% who said no, 27% felt this was because changes cannot be made at the current stage while 11% felt it was not a concern for their business.

Research and Development

Research and Development (R&D) is defined as ‘investigative activities that a business chooses to conduct with the intention of making a discovery that can either lead to the development of new products or procedures, or to the improvement of existing products or procedures’.

Over the years R&D tax credits have been of huge benefit to the sector, yet a number of business still remain unaware of the reliefs available. We work with clients continuously to support them through the process to better understand qualifying activity.

Last year 89% of respondents invested in R&D. This is a 5% decrease and could be down to a number of issues the sector has faced, as outlined in the financial data.

Of those who invest, 48% had successfully applied for tax credits while 29% haven’t applied, 11% do not think they undertake relevant R&D and 5% are unaware of the tax credits. Not all activity will be eligible but many who have not claimed could probably do so and save their business thousands of pounds in the process.

When asked about R&D investment plans, 64% plan to invest a percentage of Turnover. Of those 64%, 25% plan to invest 1-2%, 23% less than 1% and 16% over 8%.

Competitors

Looking at the location of main competitors, 43% stated their competition as the rest of the UK (this is down from 58% last year). 21% felt competition was within their own region (this is down from 39% last year), and 14% cited the Eurozone, this has reduced by over half from 39% last year.

Business strategy for 4.0 and Robotic Process Automation

32% have considered a business strategy for 4.0 and robotic process automation but decided it isn’t right for their business, whereas 29% have one in place and see these as a key part of their future. 26% stated a strategy for 4.0 and Robotic Process Automation (RPA) wasn’t practical due to lack of infrastructure (e.g. lack of 5G technology) with 13% stated a lack of financial backing to invest.

It is encouraging to see that 32% have a strategy for technology investment but more needs to be done to help those organisations who don’t believe the technology has a role in their business. Evidencing the opportunity and the return on investment through national programmes such as Made Smarter will help.

Sam Turner
High Value Manufacturing, Catapult (HMV)

Case study: Dufaylite

Dufaylite has manufactured recycled paper honeycomb for 65 years and in recent years developed added value products for the construction, retail display and packaging markets.

In each of our markets we are helping our customers to become more sustainable by helping them to replace any use of plastic, polystyrene, foam or PVC.

Not only does our product make customers packaging more sustainable and easier to recycle it also helps reduce disposal taxes.

With our increasing demand we have invested heavily in our manufacturing operation to reduce energy use and improve efficiency to enable us to keep up with increasing demand.

This has included designing and developing our own new manufacturing lines and working on lean principles.

To do this we enlisted the help of the MTC, we have managed to deliverer our new manufacturing lines and we are achieving 300% increase in production speeds with product in a condition that no longer requires further processing.

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Matt Rooney
Institution of Mechanical Engineers
Skills and what can be done to combat issues

A common theme throughout our years of surveys has been the skills gap and issues in recruiting.

One of the main barriers for businesses 2020 growth was recruiting skilled staff at 22%, this is up slightly from last year 19%.

Excluding apprentices, we asked how many businesses anticipated taking on new staff, 48% expected to see an uplift.

Looking at recruitment broadly in the sector 78% felt they have difficulty which has remained the same from last year. Delving deeper into that we asked respondents to select the categories they struggled to recruit the most; experienced engineers were 27%, slightly in front of skilled machinists/technicians at 25%.

We then looked at the main reasons behind this 67% attributed it to a shortage of applicants, with the second most selected option being lack of motivated applicants locally (24%). Interestingly, most businesses didn’t feel that competition from larger or smaller businesses affected this.

We asked if recruiting relevant skills is an issue, what is your strategy? 55% are investing in training current staff, 16% have a number of employees who have worked past retirement age, 15% are investing in technology to bridge this gap, while 13% selected ‘other’. 

The pool of industry experienced people seems limited. We’re now recruiting young office staff that have no industry experience and are training them.

Comment from a respondent

What the data says: EBITDA per employee steadily reducing; recruitment should be well planned and in line with identified capacity needs.

Sam Turner
High Value Manufacturing, Catapult (HMV)

These results are consistent with other surveys and with comments from BoE policymakers.

The recruitment difficulties have grown as the unemployment rate has fallen. That in turn seems to have fuelled an acceleration in wage growth. And as companies have not been able to pass on the cost increase or offset it with productivity growth profit margins have been squeezed. There are now some tentative signs that these pressures are beginning to ease due to slower growth. However, they could re-emerge relatively if growth rebounds.

Rhys Herbert
Lloyd’s Bank Commercial Banking

What does the Job Market Tell us?

Engineering UK estimates that the country faces a shortage of up to 59,000 engineer graduates and technicians per year. As the response to this survey shows, it is not just recruiting recently qualified people that is a problem, but also finding experienced engineers with the right skills. People recruited as engineers in the 70s and early 80s have reached retirement age and the industry is beginning to face up to this generational skills shortage. This could be partially addressed through immigration policy. With the Government promising to introduce a new points-based immigration system after leaving the EU, this could be an opportunity to attract highly skilled engineers from around the world.

Matt Rooney
Institution of Mechanical Engineers

MyLMI track a million job adverts every day across the UK to present a comprehensive view of supply and demand of skills across sectors in the UK.

2019 saw an 18% increase overall in engineering and manufacturing recruitment to 1.1 million roles advertised but with a varied end to the year and a mixed regional picture. Q3 saw the largest drop by 19% with Brexit playing a part in the adverts specifically being called out by employers. The year ended extremely well though with a bump of 78% increase compared to the previous year, potentially linked to increased confidence. Regional performance saw double digit growth in all regions apart from Wales and West Midlands which saw small declines overall. The strongest regional growth was in South West and Scotland with 61% and 37% respectively. Top jobs and skills most in demand by volume remained multi-discipline Service Engineers (mechanical and electrical) and an acute shortage across all regions for CNC programmers, Welders and more niche but growing roles such as Hardware/Electronic design engineers.

Dom Murphy
CEO MyLMI

Comment from a respondent

What the data says:

- EBITDA per employee steadily reducing;
- Recruitment should be well planned and in line with identified capacity needs.
Contributor bios

Matt Rooney
Engineering Policy Adviser

Professor Sam Turner
Chief Technology Officer

Rhys Herbert
Senior Economist

Dominic Murphy
CEO

Matt Rooney is Engineering Policy Adviser at the Institution of Mechanical Engineers (IMechE).

After spending six years working on the design and manufacture of components for particle accelerators at the Harwell Science and Innovation Campus, he returned to study at the University of Cambridge where he primarily researched strategies for bringing down the cost of new energy technologies, with a particular focus on carbon capture and storage and small modular nuclear reactors. Following this, he spent 18 months as a Research Fellow at a prominent think tank in Westminster before finally joining the IMechE in May 2018.

He is a British Science Association Media Fellow, having worked briefly as a science policy journalist with Times Higher Education. He is a fully chartered member of the Institution of Mechanical Engineers and holds an MEng in Mechanical and Manufacturing Engineering from the Queen’s University Belfast.

Professor Sam Turner is the Chief Technology Officer (CTO) of the High Value Manufacturing (HVM) Catapult.

He joined the HVM Catapult team from his role as CTO of the Advanced Manufacturing Research Centre (AMRC) with Boeing, where he worked on a range of projects and capabilities including the flagship digital facility Factory 2050, machining, casting and composites technology.

As a founding member of the AMRC, Sam developed the AMRC’s Machining Group to its current level of 85 staff and £5M turnover, with successes in delivering impact to UK industry, before moving into the CTO role. In addition to his industrial work, Sam has secured Innovate UK, EPSRC and EU funding for over £20M for manufacturing R&D in machining and automation.

He has written over 40 publications, including 16 journal papers in the area of machining. Sam is active in machining, automation and digital manufacturing and chairs the Digital Engineering and Manufacturing Leadership Group.

Rhys Herbert is a Senior Economist in the Research Department of Lloyds Bank Commercial Banking.

He is responsible for analysing and forecasting trends in the UK and other major economies, with a special interest in the manufacturing sector. Rhys joined Lloyds Bank in January 2011. Prior to this, he worked at the economic consultancy Oxford Economics where he headed up its industry forecasting service.

He has also worked at the Office for National Statistics, Prudential Assurance Corporation, Credit Lyonnais Bank and the National Institute of Economic and Social Research.

Rhys has a MSc in Economics from the University of London.

Dominic Murphy is the CEO of MyLMI, a labour market intelligence firm specialising in education, skills and job market data with a unique product set used by businesses of all sizes, local authorities, central government departments and education institutions.

Their products process data from over one million job adverts per day and 17 million CVs in the UK as well as other countries, providing the most comprehensive view of skills supply and demand available anywhere to support improved recruitment, learning and development and retention of staff.

Dominic previously founded and led the consulting group of an 800-person global IT and BPO firm, purchased by Capgemini Financial Services in 2011, providing IT Transformation services to the financial services industry while working with multiple Tier-1 Global Investment Banks. Dominic then worked with Credit Suisse for a number of years after the financial crash, specialising in the delivery of improved bank regulation and calculation of financial risk.

Quantitative approach - Methodology:

In order to assess the performance of the Manufacturing and Engineering sector over the last 4 years we identified companies that met the following criteria:

- Actively trading at the time of creating the report
- Have an appropriate SIC code for the sector
- Have filed full accounts (including Profit and Loss) for the last four years
- To avoid the risk of double counting is not a parent company
- Turnover less than £200m in the last financial year to focus on SME’s and remove the influence of very corporations.

*Information used is based on those businesses who filed accounts.
Our Sector Approach

MHA allows clients to benefit from in-depth sector knowledge in addition to specialist accountancy services and expert business advice. Manufacturing and engineering is a key sector for MHA, and we are committed to assisting both our clients and the sector as a whole by promoting manufacturing and engineering in all of its forms throughout the UK.

About us

MHA members are progressive and respected accountancy and advisory firms with offices in over 50 locations across England, Scotland and Wales.

We provide both national expertise and local insight to clients. As an independent member of Baker Tilly International, a top 10 global advisory network, MHA offers clients unparalleled access to a broad range of in-country international specialists where overseas projects are on the horizon.
To find out more about the accountancy and business advisory services MHA can offer, please contact

T: +44 (0) 207 429 4147

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