INSPIRING WORCESTERSHIRE

SECTOR PROFILE:

WORCESTERSHIRE'S ADVANCED MANUFACTURING & ENGINEERING SECTOR (AME)

WHAT IS THE ADVANCED MANUFACTURING AND ENGINEERING SECTOR?

The Advanced Manufacturing and Engineering (AME) sector is one of Worcestershire's priority sectors and is key to the future growth of Worcestershire's economy, particularly in driving innovation and increasing productivity and capturing high value activity and passing these gains through the local supply chain. The sector includes a number of sub sectors ranging from the manufacture of metals and machinery, paper and plastic products, motor vehicles and computer, electronic and optical products.

28,130 PEOPLE EMPLOYED

2,270 BUSINESSES

£993M GVA* GENERATED BY TOP 50 BUSINESSES

* GVA = Gross value added is an economic productivity metric that measures the contribution of a corporate subsidiary, company, or municipality to an economy, producer, sector, or region

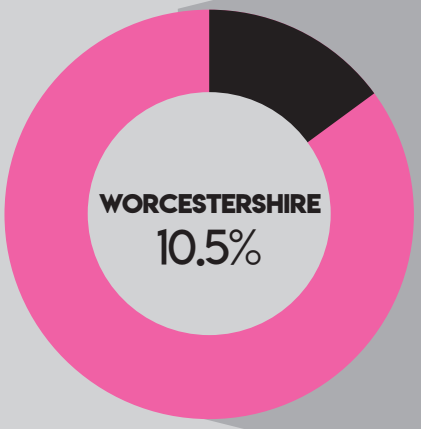
Worcestershire Local Enterprise Partnership

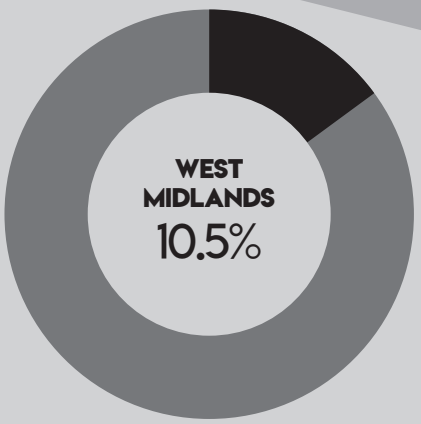
THE CAREERS & ENTERPRISE COMPANY

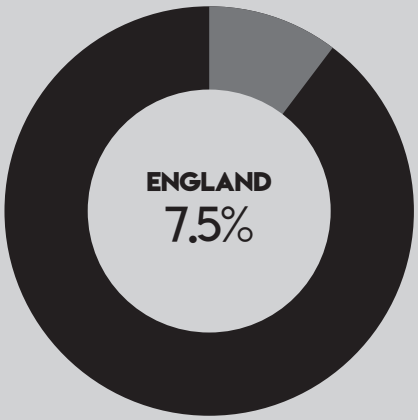
WHAT DOES THE ADVANCED MANUFACTURING & ENGINEERING SECTOR LOOK LIKE IN WORCESTERSHIRE?

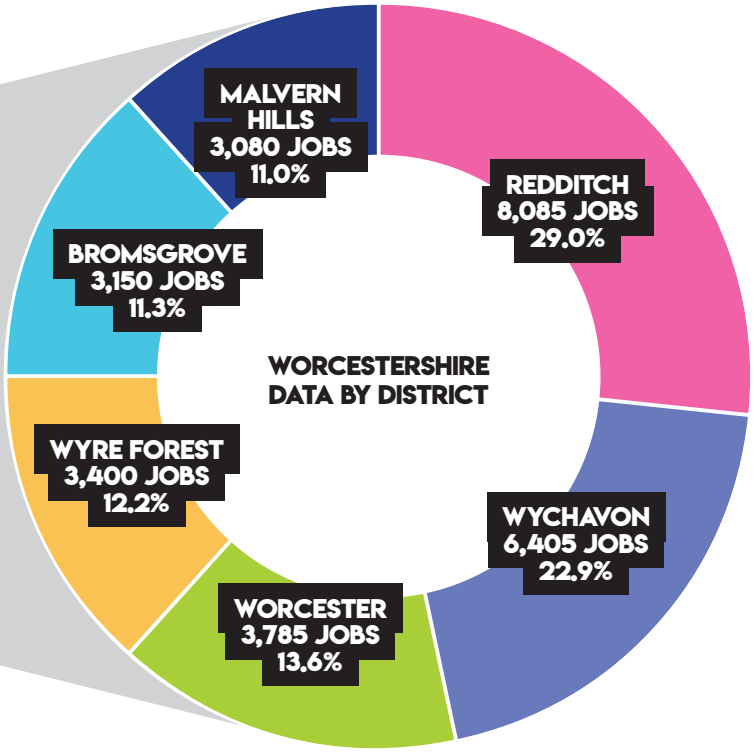
The graph below highlights the number of jobs in the AME sector in Worcestershire in comparison to both the West Midlands and England. This highlights the importance of AME industry throughout the county and the districts which employ the most individuals into AME job roles.

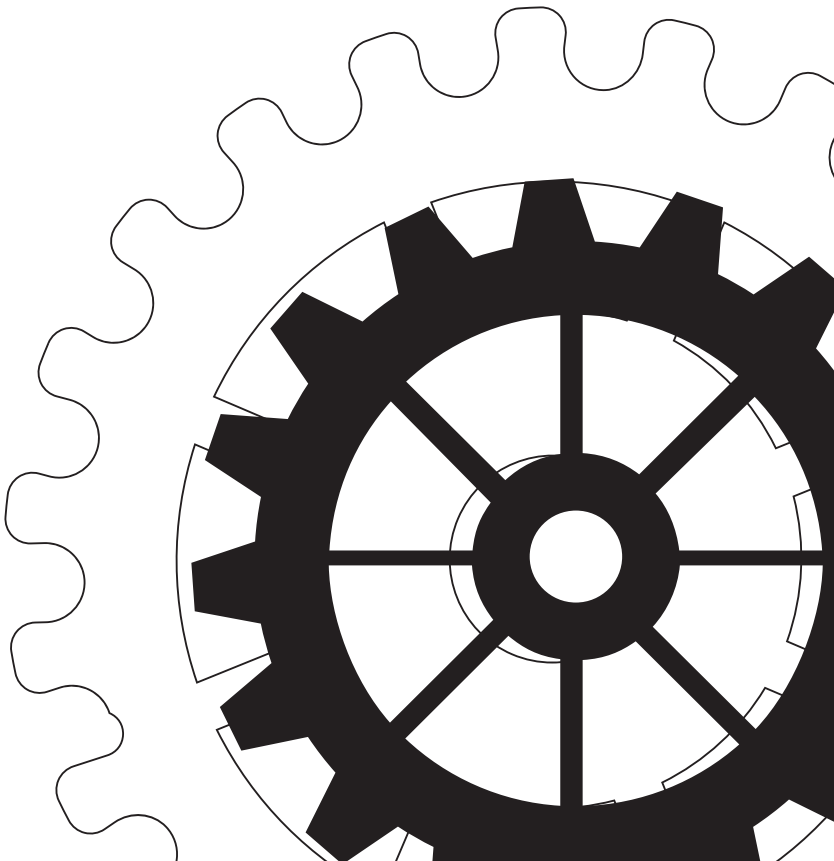
AME JOBS AS A % OF TOTAL WORKFORCE





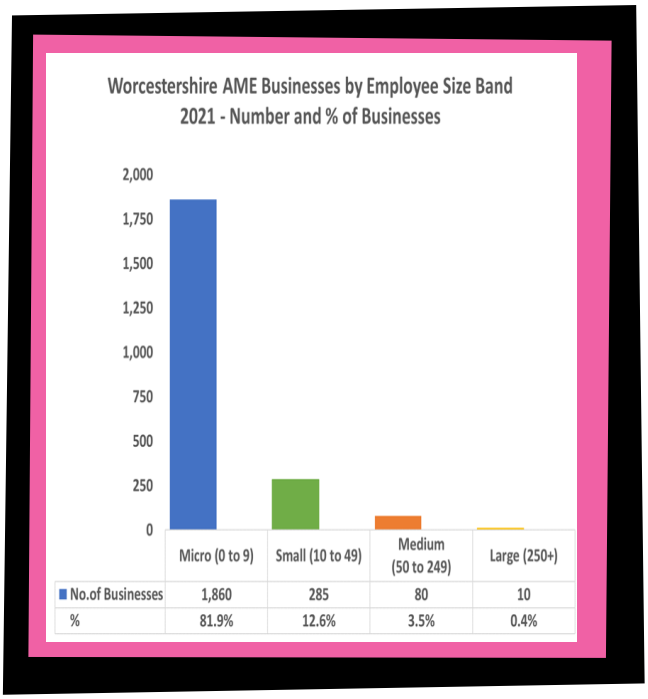






KEY FACTS:

- Currently there are 28,130 people employed in Worcestershire's AME sector.
- Proportion of total employment in Worcestershire's AME sector (10.5%) is significantly higher than the England average (7.5%).
- Highest proportion of AME employment in Worcestershire is in Fabricated Metal Products (17.8% or 5,000 jobs) - higher than the England average (13.0%).
- Currently there are 2,270 businesses in Worcestershire's AME sector. The AME sector accounts for 7.8% of total businesses in Worcestershire.
- Districts with the strongest growth are Wyre Forest (4.8%), Wychavon (3.9%) and Bromsgrove (2.9%).
- The top 3 AME subsectors in Worcestershire are: Engineering Activities & Related Technical Consultancy, Fabricated Metal Products and Repair & Installation of Machinery & Equipment.
- The largest proportion of Worcestershire's AME businesses are micro businesses employing 0-9 people (81.9%). Small businesses employing 10-49 people account for 12.6% of Worcestershire AME sector.



- Medium and large businesses (those with 50+ employees) account for a combined share of 3.9% of Worcestershire AME businesses. There are currently 10 large businesses (250+ employees) within the Worcestershire AME sector.

TOP 10 WORCESTERSHIRE AME EMPLOYERS

WORCESTER BOSCH

WORCESTER

Manufacturer of central heating, radiators, and boilers.

Website

TITAN EUROPE LIMITED

WYRE FOREST

Manufacturer of parts and accessories for motor vehicles.

Website

MALVERN PANALYTICAL LIMITED

MALVERN HILLS

Manufacturer of electronic, measuring and testing equipment.

Website

THORLUX LIGHTING

REDDITCH

Designer and manufacturer of professional lighting systems.

Website

YAMAZAKI MAZAK UK LIMITED

WORCESTER

Manufacturer of machine tools supplying to the global market.

Website

METTIS AEROSPACE LIMITED

REDDITCH

Design, manufacturer, and assembler of precision forged and machined components.

Website

BRINTONS CARPETS

WYRE FOREST

Designer and manufacturer of woven and tufted carpets and rugs.

Website

SOUTHCO MANUFACTURING LIMITED

WORCESTER

Designer and manufacturer of engineered access solutions, including locks and hinges.

Website

KOITO EUROPE LIMITED

WYCHAVON

Leading supplier to the automotive industry specialising in the design and manufacture of rear lamp lighting to vehicle manufacturers.

Website

MORGAN TECHNICAL CERAMICS LIMITED

WYRE FOREST

Designer and manufacturer of advanced ceramic components.

Website

MADE IN WORCS

- **Bosch** - UK headquarters are based in Worcester where all the main functions of the business are located including the manufacturing of gas boilers under the leading Greenstar brand.
- Thorlux Lighting is the trading name of **F W Thorpe** who have been designers, manufacturers and suppliers of lighting controls and systems since 1936.
- **Sports Cars (England)** is the new name of the **Morgan** car company, world famous for its hand-built iconic British sports cars, with their unique blend of craft, heritage and pure driving experience.
- **Harris Brush** was awarded the Royal Warrant by Her Majesty Queen Elizabeth II.
- **Titan Steel Wheel** – part of **Titan Europe** – was awarded the Queens Award for International Trade in 2020.
- **Forest Garden Group** is a leading supplier of timber gardening and landscaping products including sheds, fencing and garden buildings using sustainable British timber.
- **English Braids** are manufacturers and suppliers of industrial cords and ropes specialising in the commercial and leisure marine sectors as well as industrial applications such as theatre rigging, industrial winching, vehicle recovery and window blinds.

FUTURE OPPORTUNITIES

- **International Trade:** Worcestershire's location provides good connectivity to international trade hubs. Growth in developing countries opens up new markets as they move into being "middle income" countries.
- **5G Enable Solutions:** Worcestershire 5G consortium have transitioned the 5G testbed into a sustainable model. This will provide Worcestershire companies to opportunities to invest in "first to market" 5G enabled solutions.
- **Engineering UK** estimates that 124,000 engineers and technicians with core engineering skills are needed every year.
- **New digital technologies** such as autonomous robots, big data and 3D printing, are transforming the manufacturing sector and while some roles will become automated, there will still be plenty of roles for those looking to work in this sector. Across the West Midlands we can expect to see jobs growth in areas such as: next generation transport; medical technologies and pharmaceuticals; future food processing; and energy and low carbon.