

# Manufacturing, Technology, Engineering & Science Industries

This sector involves the manufacturing of a wide variety of goods - from biscuits and textiles to electronics and high-tech machinery; as well as scientific and technological research

Manufacturing is becoming increasingly advanced and is a vital part of the economy. Work in this sector involves not just the physical making of goods but also research & development, purchasing and management

## GM Overview

There are 8,800 employers in the manufacturing, technology, engineering and science sector in Greater Manchester.

The sector employs 124,000 people despite shrinking by 116,000 jobs since 2005

Advanced manufacturing is the innovative integration of technology-based systems and processes in the production of products

## Did you know?

The Sir Henry Royce Institute, opening in 2019, will have its £235m research centre in Manchester!

## Employment

In 2010, 9% of employees in the sector were aged over 60; this means the sector will need to replace 10,000 jobs per year up to 2035

## Skills

Greater Manchester provides companies with access to some of the best talent in manufacturing and engineering!

The talent pipeline is complemented by a further 14,000 students studying engineering and other STEM subjects.

By 2035, 25% of employees in the sector will need to be qualified to Level 4 and above

## Business

GM's supply chain, talent and access to market are why we are home to some of the world's biggest companies, including BAE Systems, Hitachi, Siemens, Unilever and P&G

## Key Employers & Occupations

**BAKKAWOR**

**McBride**

**PZ Cussons**

**Heinz**

**Kellogg's**

**RENOLD**

- Planning engineer
- Rubber process operators
- Quality assurance managers
- Mechanical engineers
- Vehicle body builders
- Maintenance fitters
- Core makers
- Sheet metal workers
- Moulders
- Upholsterers
- Packers
- Plant operatives
- Windscreen fitters
- Auto-electricians
- Chemists
- Testers
- Production engineers
- Electrical engineers
- Inspectors
- Tool makers
- Sewing machinists
- Assemblers
- Purchasing managers
- Die casters
- Chemical engineers
- Tool fitters
- Industrial cleaning trades