

voestalpine Metsec plc



Purlins / Framing / Engineering / Dry Lining / Cable Management

CORPORATE BROCHURE

A BRIEF INTRODUCTION

/ voestalpine Metsec plc is the UK's leading manufacturer of cold roll formed steel sections and profiles.

Founded as Metal Sections Ltd at the heart of the Black Country in 1931, we have grown from an independent custom roll former to a manufacturer of high quality, precision-engineered steel solutions for a range of construction and manufacturing applications.

We became part of the voestalpine Group in 1998, combining a deep-rooted understanding of the UK market with the expertise and resource of a leading global specialist. In innovation, sustainability and added value, voestalpine Metsec plc is always able to stay one step ahead of the competition.



THE METSEC STORY SO FAR

OUR HISTORY

/ Over the last 80 years, voestalpine Metsec plc has continually developed new solutions to satisfy the needs of the time, equipping four generations of builders and engineers with the very latest in steel innovation.



/ 1931

Metal Sections Ltd was founded in Birmingham in 1931 by Major Leonard B Henderson. Henderson used machines of his own design to convert steel strip into cold rolled profiled sections for cars and window frames.

/ 1952

The 'flying cut-off' is introduced, which permits the continuous running of cold roll forming machines, a significant step forward in productivity.

/ 1932

Tube Investments (TI) Ltd spots the potential in Metal Sections Ltd and acquires the company.

/ 1977

The company changes its name to TI Metsec, signalling the beginning of a new era.

/ 1981

A management buyout leads to Metal Sections Ltd once again becoming a separate entity.

/ 1998

The company is acquired by voestalpine, becoming voestalpine Metsec plc, and goes from strength to strength following inward investment in machinery and new facilities.

/ 1985

The company goes public and floats shares on the stock exchange listed as Metsec plc.

/ 2014

The company is named 'Best Business of the Year' at the 2014 Business is Good for the Black Country Awards.



THE VOESTALPINE GROUP

OUR PARENT COMPANY

The voestalpine Group is a steel-based technology and capital goods group that operates worldwide. With its top-quality products, voestalpine is one of the leading partners to the automotive and consumer goods industries in Europe and to the oil and gas industries worldwide and is also the world market leader in turnout technology, special rails, tool steel, and special sections.

Headquartered in Linz, Austria, voestalpine is represented by 500 companies in more than 50 countries across five continents. The group consists of four divisions: Metal Engineering, Steel, Special Steel and of course, Metal Forming – the division Metsec joined in 1998.



/ METAL FORMING DIVISION

voestalpine's Metal Forming Division is a leading global provider of customer specific special and precision sections as well as solutions for systems in construction, cab construction for commercial vehicles, and aviation.

body skin pressed parts and highly innovative structural parts and safety components. The division also produces cold rolled, special, precision thin strips and provides one-stop solutions in the segment of high-bay warehousing systems.

The division supplies the automobile industry with both sophisticated



OUR ORGANISATION

COMPANY STRUCTURE

VOESTALPINE AG

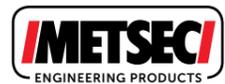
A leading European manufacturer with steelmaking facilities and headquarters in Austria.

VOESTALPINE - METAL FORMING DIVISION

A leading global provider of high-quality metal processing solutions, particularly special tubes and sections, special strip steel and complex components for the automotive and many other industries.

VOESTALPINE METSEC PLC

We are the UK's largest specialist cold roll forming company, providing products for the construction and manufacturing industries.



OUR PRODUCTS AND SERVICES

WHAT WE DO

At voestalpine Metsec plc we provide solutions to suit a wide range of construction and manufacturing applications.

Our approach involves working with our customers to develop specifications, designs and schedules. At every stage of the process, we focus on minimising our environmental and economic impacts, without compromising the quality of our design, manufacture and delivery.

Service is at the heart of our ethos. We have a deep understanding of our customers' needs and invest in our systems and resources to meet those needs. By adopting this flexible approach, we are able to offer a different kind of service – reactive, reliable and always responding to market dynamics.



OUR PRODUCTS



/ We are the UK's largest designer and manufacturer of light gauge galvanised steel purlins, side rails and mezzanine flooring systems.

Designed to provide optimal levels of structural performance in roof, wall and floor constructions, our purlins solutions are available with a wide range of accessories and can be supplied for the majority of cladding types and designs.

We offer a range of butt, sleeved and heavy end bay sleeved purlins systems, so whatever the specifications of your project are, we'll have a purlins solution to suit.

All sections are CE marked, designed in accordance with Eurocodes and tested by the Department of Mechanical Engineering at the University of Strathclyde.



OUR PRODUCTS



/ Our two primary framing solutions are SFS and Metframe. Both are light-gauge, galvanized steel framing solutions.

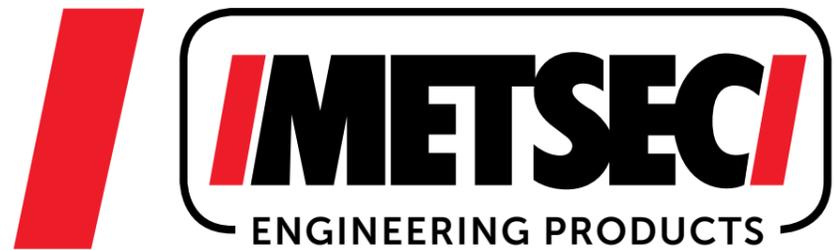
The load-bearing Metframe system is pre-panelised offsite and delivered as fully assembled panels, enabling quick and accurate construction.

The SFS system is available in a variety of configurations – infill and continuous walling, high-bay separating walls and a load bearing system.

Both systems offer cost, speed and other project benefits, as well as being fully BIM compliant, CE marked for quality and manufactured in line with the latest environmental legislation.



OUR PRODUCTS



/ Our Engineering Products division specialises in the manufacture of custom roll formed steel sections and profiles for use in a range of applications from bridge construction to office furniture.

With our expertise in custom roll forming we are able to take strip metal and form a range of profile types. Following custom roll forming, we can also perform secondary processes such as profile manipulation, drilling, welding and fabrication to produce complete assemblies in bespoke shapes for specific applications.

This service is suitable for a wide range of market sectors, but is most notably utilised in construction, industrial, agricultural and automotive applications.

We were the first cold roll forming specialist to have our Integrated Management System (IMS) certified to meet requirements of PAS 99. All our products are manufactured in accordance with BES 6001, signifying our commitment to responsible sourcing of all materials.



OUR PRODUCTS



/ We manufacture light gauge, cold rolled formed dry lining systems for ceilings and floors, as well as internal walls.

Our dry lining systems conform to the latest British and European standards and are supplied with a high level of product support, including design packages to make specifying dry lining and suspended ceiling systems quick and simple.

Known across the industry for tried and tested thermal, acoustic and fire performance, our dry lining solutions are sold through two of the UK's leading builders merchants.



OUR PRODUCTS



/ With a range of cable ladders, trays, trunking and framing systems, we provide a comprehensive range of cable management solutions for the mechanical and electrical services industry.

Our ladder systems range from 50mm deep light-duty ladders to 150mm heavy-duty ladders, in UK and European standard widths up to 900mm. A full range of accessories is also available.

Our cable tray systems are available in depths from 12mm to 50mm and widths from 50mm to 900mm. Standard distribution trunking is available in widths and depths up to 225mm, with lighting trunking available in 50mm x 50mm with straights in various length configurations.

Our systems are all CE marked and supported by certification to BS EN 61537 Cable Management. We're also the first to be certified to the BSI Kitemark standard for Cable Management.



THE QUALITY YOU EXPECT

THE CARE YOU NEED

At voestalpine Metsec plc, our customers receive our undivided attention from start to finish. Over the last 80 years we've helped customers to maintain their competitive edge by designing the best steel manufacturing and construction solutions on the market. In each of our products and services, we deliver high quality, added value solutions and have a reputation for short lead times.

TECHNICAL EXCELLENCE

We offer outstanding technical excellence and expertise, providing absolute value through absolute quality.

PROJECT MANAGEMENT

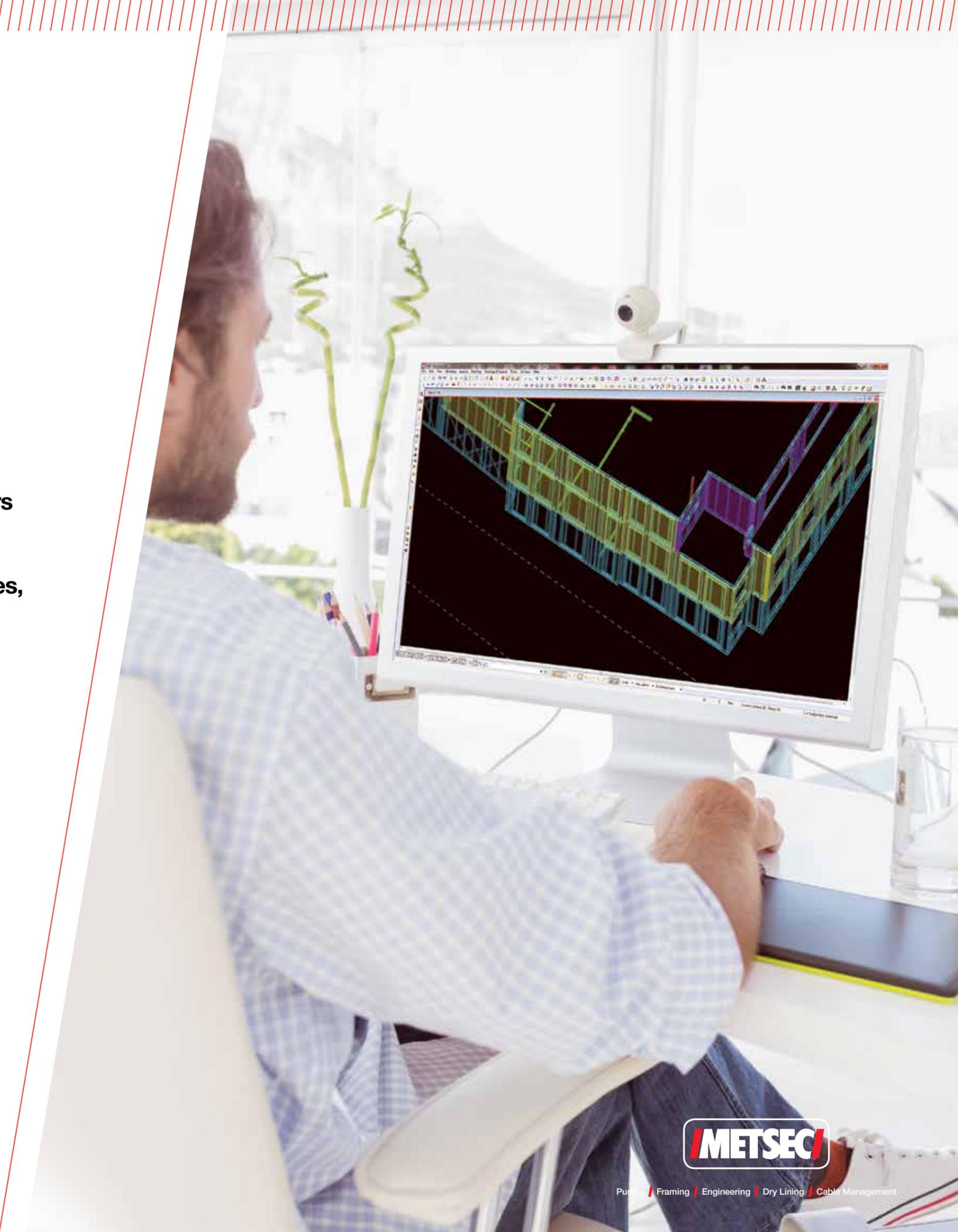
Working closely with our customers, contractors and in some cases, approved installers – we are an integral part of the project from start to finish.

COMPLETE CARE

We care passionately about every detail of what we do, from our customer service and design approach, to our precision manufacturing and sustainability credentials.

COMPLIANCE

Our products meet the very latest legislation, are CE Marked and responsibly sourced in accordance with BES 6001. We were the first to achieve BSI Kitemark for Cable Management and to operate an IMS compliant with the requirements of PAS 99.



BUILDING INFORMATION MODELLING

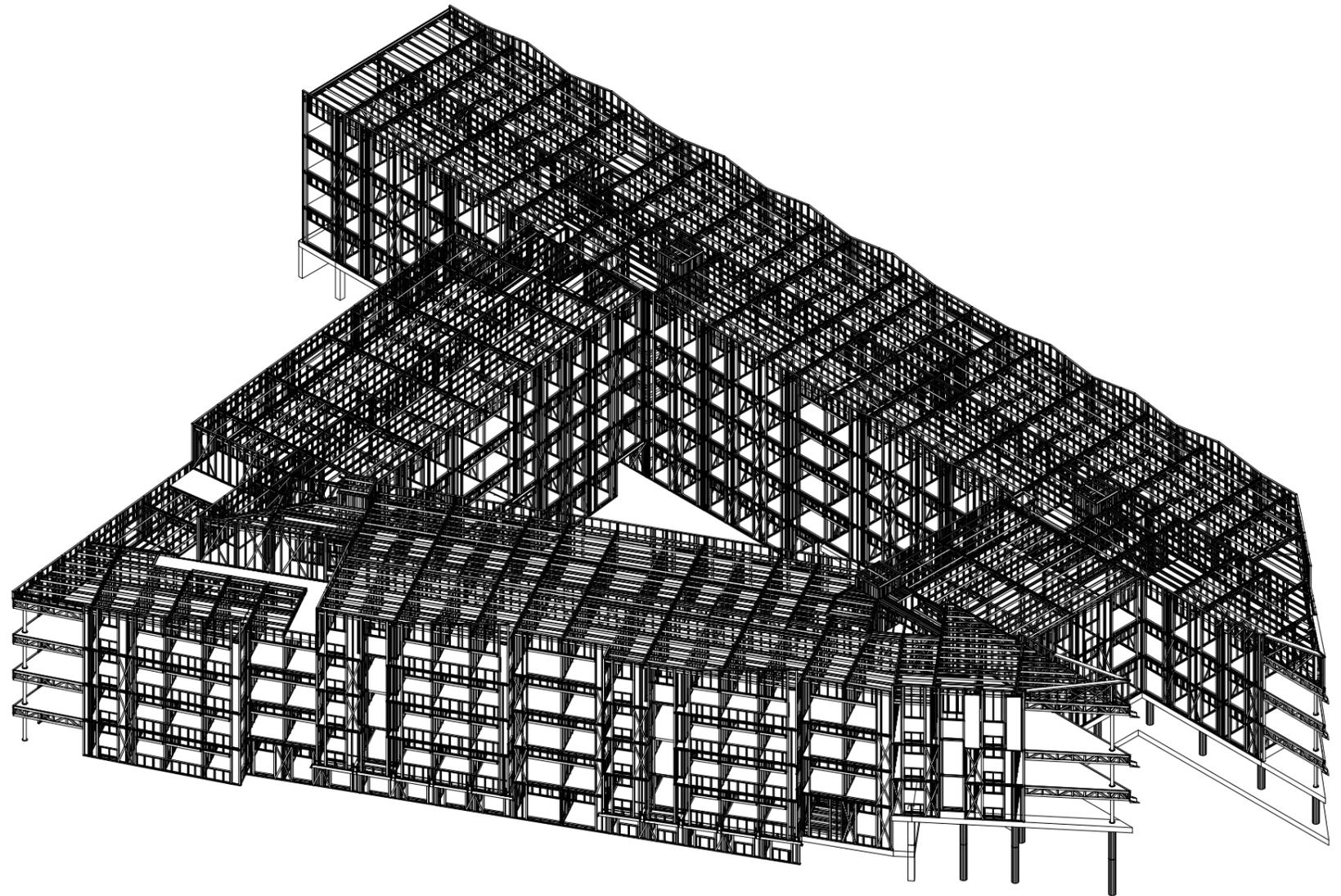
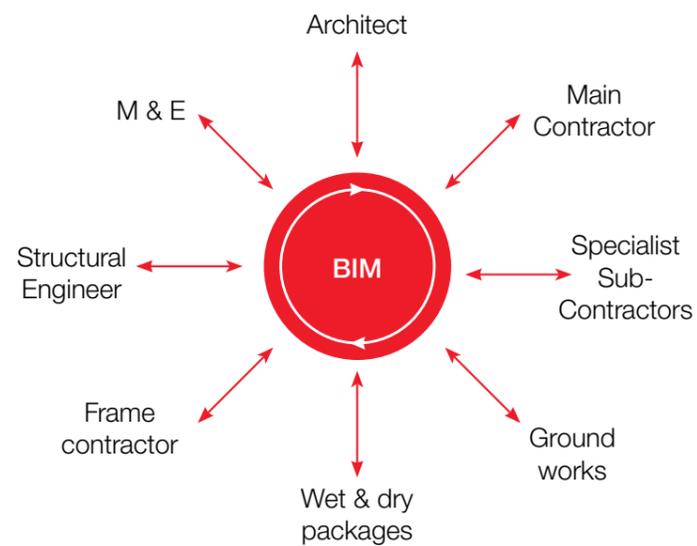
METSEC & BIM

Driven by the government construction strategy, the implementation of Building Information Modelling (BIM) is now becoming a key part of integrating different trades who work on the same project.

The idea is that BIM brings together all of the information about every component of a building, in one place. This makes the information easy to access for many different purposes, e.g. to integrate different parts of a design.

BIM isn't just about 3D modelling, but the inclusion of data, which can be used to illustrate the entire building lifecycle, from cradle to cradle. Systems, products and sequences can be shown in relative scale to each other and, in turn, relative to the entire project which can help prevent errors creeping in at the various stages of a project.

With BIM now sitting directly at the centre of all information flow, every member of the project design team can now work collaboratively to ensure a smooth and efficient design and build process.



BIM INFORMATION ROUTE

voestalpine Metsec plc has been working with BIM for over 20 years and is level 2 compliant. We have a number of design engineers all of which have the latest software to ensure we remain at the forefront of BIM development.

Our longstanding experience of working with BIM allows us to model buildings with our customers, enabling cost-effective designs to be developed, and shared between all involved parties.



THINKING AHEAD

SOFTWARE & SERVICES

At voestalpine Metsec plc, we proactively invest in new technology to ensure the evolving expectations of our customers continue to be met or exceeded.

From our first purlins design package in 1989, to our full suite of modern day software and services, our design and specification applications are always leading the way.

- MetSPEC** helps customers to optimise the design of purlins, side rails and mezzanine floor joists in full compliance with the latest Eurocodes.
- FrameSPEC** enables customers to accurately select and specify the correct Metsec SFS solution for individual project requirements.
- DesignSPEC** is our stand-alone software package that allows easy selection of cable tray and ladder systems.

All our software packages are designed in accordance with the appropriate standards and contain tutorials to help guide users through the entire process.

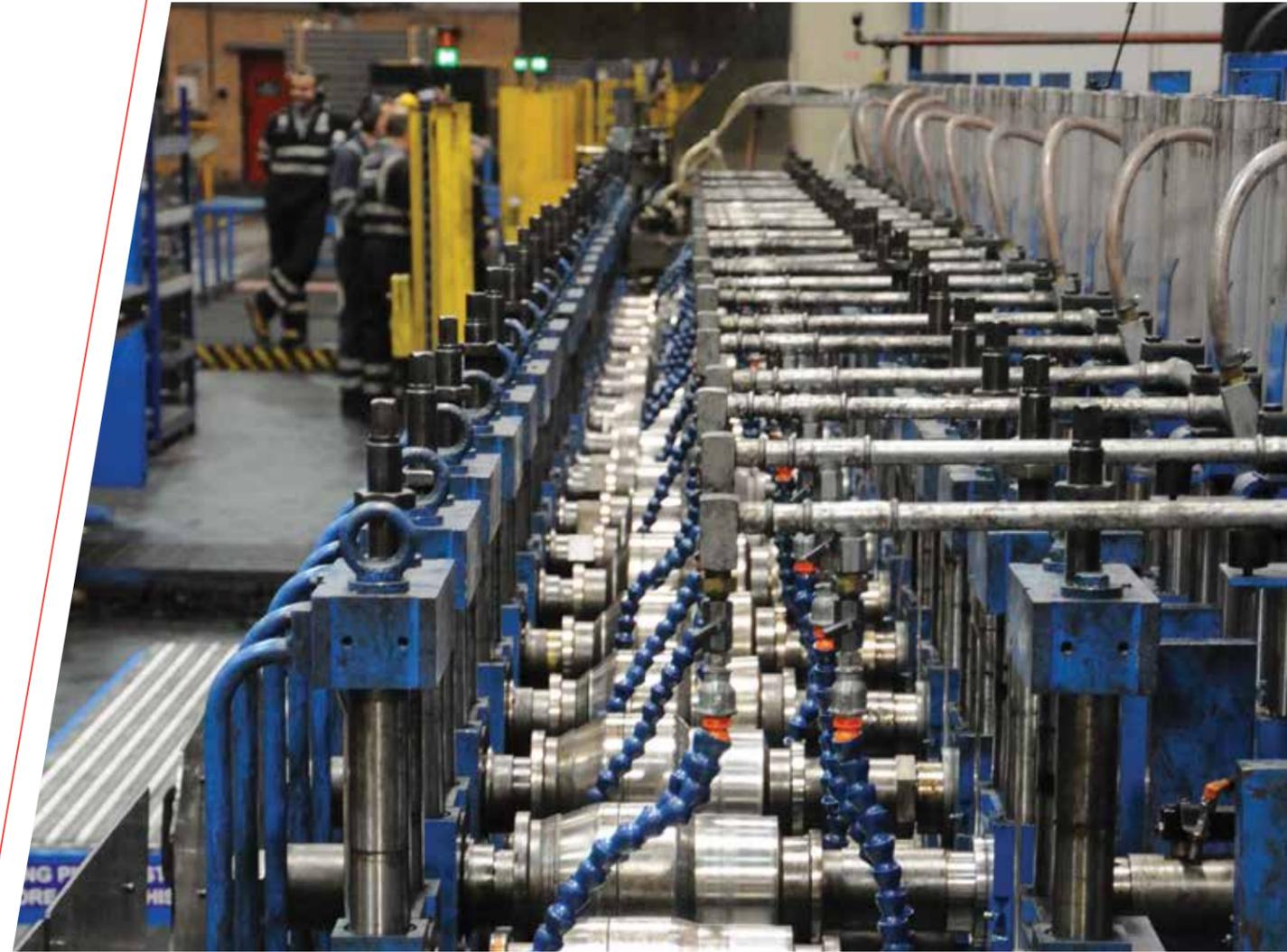
Full ongoing technical support is also available through our experienced and knowledgeable technical personnel.



ALL THE HALLMARKS OF QUALITY

INDUSTRY STANDARDS

At voestalpine Metsec plc, we pride ourselves on delivering solutions fully in line with the latest legislation, regulation and industry standards. So whatever you specify, you can be assured of the quality of product you've purchased.



/ ISO 9001

Our ISO 9001 quality management certification assures our customers that we consistently provide products that meet both our customer and applicable regulatory requirements.

/ BS OHSAS 18001

BS OHSAS 18001 is the framework for occupational health and safety adopted by voestalpine Metsec plc, which sets out the minimum requirements for occupational health and safety management best practice in the workplace.

/ PAS 99

PAS 99 is the world's first specification for integrated management systems and provides us with one framework to manage all certified systems.

/ CE MARKING

We were the first in our field to have our products CE marked not only in design, but on the shop floor too. This ensures that all our bespoke products meet the requirements of the applicable EC directives. Similarly, our processes are certified up to EXC4, the highest standard available.



TREADING CAREFULLY

DELIVERING SUSTAINABLY

We understand sustainability as a global issue. To us it is a responsibility, not a choice.

Our company policy is to reduce our environmental and resource impacts everywhere that we can - from electricity and gas to water and waste-to-landfill.

We know that every efficiency counts. We also work hard to increase the fundamental sustainability of our steel systems in practice. Ninety four percent of all global steel can be recycled, while the lightness of our steel systems reduces the load on the substructure. The combined effect is to help reduce the carbon footprint of our projects in comparison to alternative methods.

In recognition of our ongoing efforts, voestalpine Metsec plc has received the following certifications:

/ BES 6001

The standard enables construction product manufacturers to ensure and then prove that their products have been made with constituent materials that have been responsibly sourced.

/ ISO 14001

ISO 14001 sets out the criteria for an environmental management system that can provide assurance to company management and employees as well as external stakeholders that environmental impact is being measured and improved.

/ BCSA STEEL CONSTRUCTION SUSTAINABILITY CHARTER

The objective of the Steel Construction Sustainability Charter is to develop steel's sustainability in terms of economic viability, social progress and environmental responsibility.





/ PURLINS

/ FRAMING

/ ENGINEERING

/ DRY LINING

/ CABLE MANAGEMENT

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In the interests of a policy of continuous research and development, voestalpine Metsec plc reserve the right to change the specifications in this publication without prior notice.

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ONE STEP AHEAD.