



MACDECK

YOUR SAFETY, OUR VISION

WWW.JMACSAFETYSYSTEMS.CO.UK



MACDECK

MacDeck provides a safe solution for eliminating the risk of internal falls during construction phases when working at height. This allows you to work in confidence knowing you have the strongest injection moulded platform decking under your feet.

JMAC Safety Systems provides safety solutions for working at height. We are a UK market leader in the design, manufacture, supply and installation of platform decking for the building, construction and maintenance industries. Our company has been built out of a love of all things scaffolding and construction with the realisation that safety in the workplace is paramount. As a result of this, we have designed and built a lightweight working platform called MacDeck, which allows

the user to work at height in complete safety. The MacDeck system is a robust working platform which has undergone a rigorous testing regime to ensure we not only comply with UK Health and Safety regulations but surpass them too. Our system which boasts a load capacity of 2.0kn per m2 is the strongest injection moulded panel manufactured worldwide.

THE WORKING AT HEIGHT HIERARCHY

Hierarchy of controls that applies to occupational health and safety hazards sets out the order of control measures, running from elimination to substitution, followed by engineering, administration and finally, personal protective equipment.

At JMAC Safety Systems, we strongly believe safety in the workplace is of utmost importance, which is why we have developed market leading products to help protect people who are working at height across the world.

The MacDeck System sits at the top of the hierarchy. As an employer, it's your duty to protect your staff and the hierarchy clearly stipulates the best way to do this – **eliminate the risk**.

The MacDeck Safety Decking Platform eliminates the risk completely; without the need to rely on fall prevention or fall arrest systems.

MacDeck is also more cost effective over time, our simple system requires little training to use and allows a broader spectrum of your workers to complete their task in a safe and effective manner.



FLEXIBLE AND SIMPLE

MacDeck has you covered with three different sized panels. Whatever the shape or size of your project, Macdeck will allow the flexibility for you to assemble the system regardless of the room configuration or platform height requirements. The lightweight panels coupled with the flexibility of our leg range and bracing options makes our system the most versatile system on the market.

MacDeck is light weight and easy to handle, with only five main components, MacDeck is quick and simple to erect and dismantle. The system can be installed quickly with teams comfortably erecting or dismantling 60m2 an hour.

1

DURABILITY

MacDeck is a quality fall prevention working platform which is manufactured in the UK to the highest possible standards. Boasting a load capacity of 2.0kn (200kg) per m2, we have carried out robust and rigorous testing over and above the British standards specifications to ensure the absolute safety and durability of MacDeck.

2

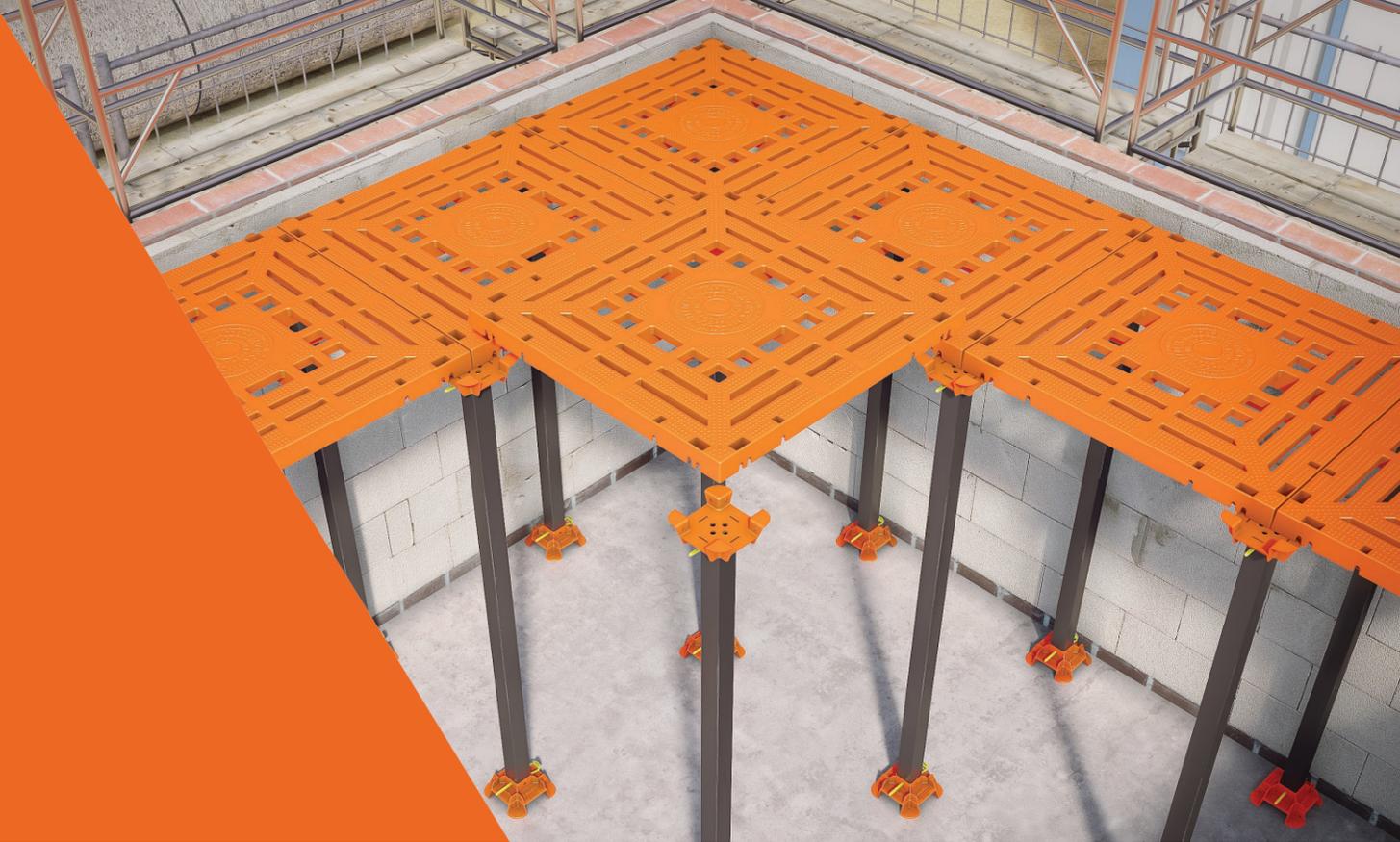
INNOVATION

The MacDeck system has an innovative range of designs which allows you to build system at various heights and configurations depending on the fall protection need. We have four patents associated with our product range, as well as design and engineering support which allows us to work in conjunction with main contractors and their sub-contractors to develop a working at height solution.

3

REGULATIONS

With an independently tested load capacity of 2.5kN (250kg) per m2 you can relax knowing that your site exceeds the Working at Height standards. The MacDeck internal fall protection system meets BS EN 12811-1 Part 3 (for structural integrity and safety factor, for use as a General Purpose Working and Safety Platform) and satisfies the roof non-fragility test in accordance with ACR (M) 001:2000.



WHY CHOOSE JMAC?

Our MacDeck safety decking system is the strongest injection moulded system on the market. We're confident you'll love MacDeck just as much as we do. Here's why we think you should choose us...

JMAC has been part of the construction industry since 1981 when our sister company, JMAC Scaffolding, was established. Since then, our reputation for being forward thinking, market leaders has led us to create a suite of innovative safety solutions, offering our knowledge and expertise in even more areas of the industry. JMAC Safety Systems was launched 2015, and in 6 short years have become a market leader for the design, manufacture, supply and installation of fall safety solutions in the UK. Our innovative product range helps clients across the scaffolding, building, construction and maintenance

industries to protect their employees, whilst working at height; increasing efficiency and saving time on build programs. MacDeck is by far the most robust and durable working platform available on the market today. Our system has undergone rigorous testing at all stages of product development; from design to manufacture. It has a profiled non-slip surface for improved grip and its bright orange colour is highly visible. You will have peace of mind knowing that you have invested in the strongest injection molded system on the market.

1

SUPPORT

The infrastructure, logistics and supply chain at JMAC is second to none, so we are able to respond quickly and efficiently, ensuring we are providing a first-class service to our customers. We can take your requirements, and have your order dispatched and installed on site within 72 hours.

2

DURABILITY

MacDeck is a high quality working platform which is manufactured in the UK to the highest possible standards. We have carried out testing over and above the British and European standard specifications to ensure the absolute safety and durability of MacDeck.

3

FLEXIBILITY

A holistic approach is taken to addressing your needs, providing specific advice and tailored solutions to the areas requiring the greatest focus. We can identify opportunities to unlock your potential for growth, with many hire or purchase options available.

4

SIMPLICITY

MacDeck is light weight and easy to handle, with only five main components, MacDeck is quick and simple to erect and dismantle. The system can be comfortably installed erecting 60m² within an hour.

5

SAFETY

MacDeck provides a safe solution for working at height, allowing you to work in confidence knowing you have the strongest injection moulded safety platform under your feet. MacDeck provides a robust working platform which takes care of your operatives' safety, helping them work more efficiently on a profiled non-slip surface with high visibility.

6

BRANDING

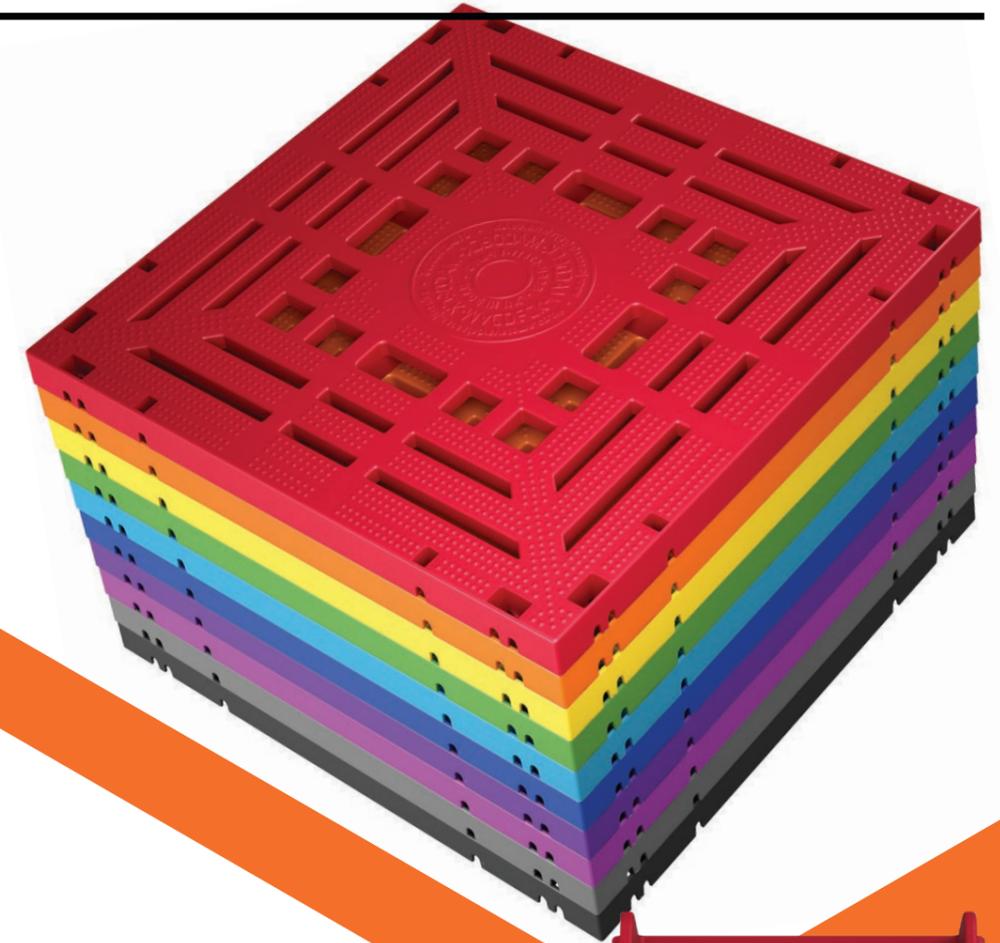
Showcase your unique personality on-site and give your organisation credibility with a custom branded MacDeck system. Recognition is key for any business; even more so within competitive markets such as the construction industry. Your brand is the life-blood of your business.

CUSTOMISE YOUR SYSTEM

Let us help you with your designs and branding

Construction is a highly competitive industry and to succeed you need to make your business stand out from the masses. Building a 'corporate identity' is an essential part of this process. Our MacDeck safety decking system, commonly referred to as a crash deck, can be designed in line with your corporate identity, having a strong corporate identity is vitally

important for marketing today. We have our own in-house design team who can help you design and develop your safety decking system bespoke to your needs. Having your system branded with your logo and in your own company colours acts as a great way to promote your brand, along with the added advantage of being an intelligent theft deterrent.



PROVEN TO STRENGTHEN YOUR BRAND

Showcase your unique personality on-site and give your organisation credibility with a custom branded MacDeck system.

Studies show that consumers prefer branded items. When erecting your new MacDeck system on site, your customers will believe that your services are superior by default. This is the strength of the custom branded MacDeck safety decking system. Portray the image of quality and professionalism with your own bespoke coloured and branded system.



INSTALLATION GUIDE

MacDeck has you covered with three different sized panels: 1m x 1m, 1m x 750mm and 1m x 500mm. Whatever the shape or size of your project, MacDeck will allow the flexibility for you to assemble the system regardless of the room configuration. The system can be erected at multiple heights due to the flexibility offered of our extendable leg range with the Eco 1 and Eco 2 offering heights from 1.5m to 2.6m. The lightweight panels and design of the handles allow the MacDeck to not only be carried easily, but also conform to the manual handling regulations.

STEP ONE

1

All legs should be made up with the base and heads secured with a pin.

Start by standing four legs in one corner of the room approximately a meter apart.



STEP TWO

2

Lift a panel and ensure the panel sits securely in one corner of the base and head unit.



STEP THREE

3

Lean two more legs against the existing legs, ready to install the next panel.



STEP FOUR

4

Always make sure you have hold of the centre of the board for stability when lifting.



STEP FIVE

5

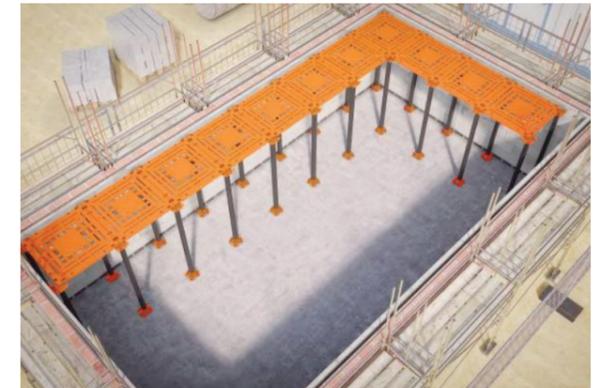
Continue this process, working to form an L shape down 2 sides of the plot.



STEP SIX

6

By erecting in an L shape, this will show you where your overlap section will be.



STEP SEVEN

7

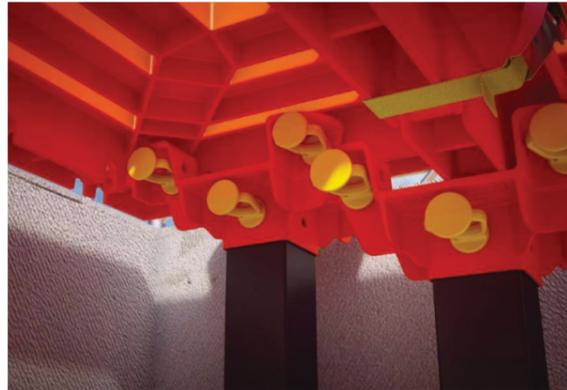
Always ensure there are two pins in place to secure the panels to the base and head units.



STEP EIGHT

8

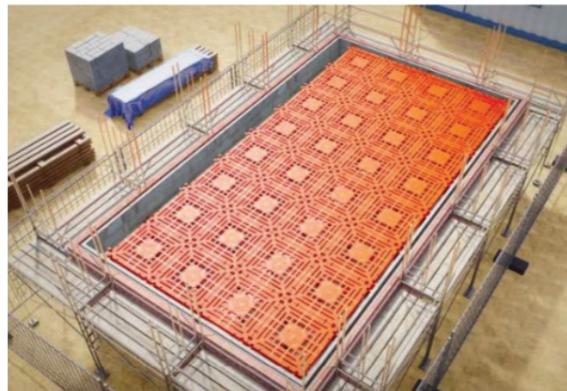
Always pin as you erect to speed up the installation process and ensure nothing is missed.



STEP NINE

9

Most plots will require an overlap to cover any remaining gaps in the decking. These should be used as a push off - meaning that they make the decking secure.



STEP TEN

10

When approaching an overlap section, place the panel flush against the external wall.



STEP ELEVEN

11

The leg that supports the overlapped section needs an additional base and head to allow for the height difference, as shown above.

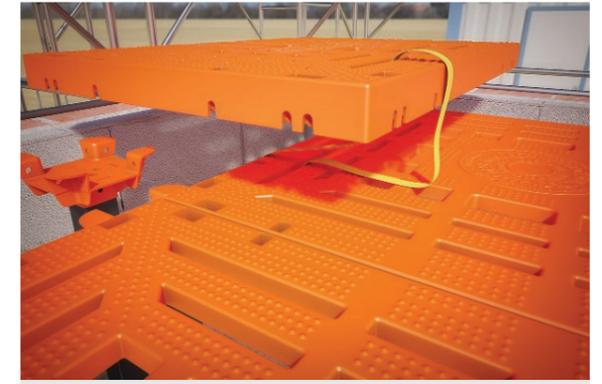
Place the overlapped leg inside of the panel and ensure that the base and head unit is fixed with a pin.



STEP TWELVE

12

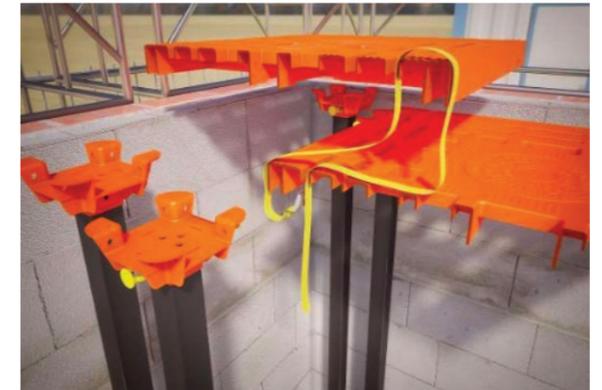
When securing an overlapped section with camstraps, your operatives must ensure that they use the correct 'S' shaped technique.



STEP THIRTEEN

13

The buckle of the camstrap must always be facing the external wall.



STEP FOURTEEN

14

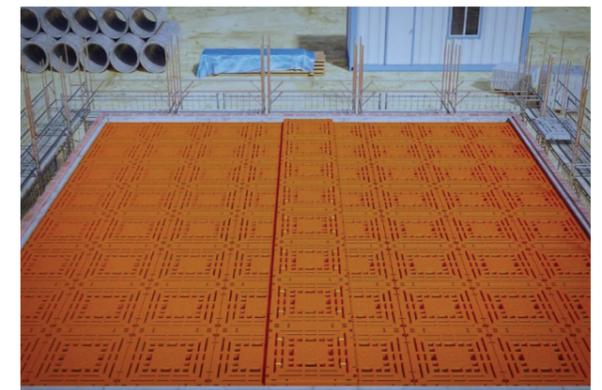
This allows the overlapped board to push in the direction of the external wall and braces the system to stop any lateral movement.



STEP FIFTEEN

15

If you are working with clients that will only build blockwork to 8 course height. The solution is to overlap panels down the centre. The overlaps will need two camstraps on either side of the panel - equating to four camstraps in total. The 'S' technique still applies, however, the buckles need to face towards each other. This ensures that the panels are braced to the external walls.



TRAINING

FASET approved training by JMAC Safety Systems ensures that you can erect and dismantle the system quickly and safely whilst gaining a recognised qualification which can be added to a CSCS Card.

At JMAC Safety Systems, Health and Safety is at the forefront of what we do, be it in our products, working practices, or company policies and procedures, we strive to go above and beyond what is required and that is what differentiates us in the constantly evolving construction industry. Every day, we work to ensure we are offering the very highest health and safety standards for our employees, partners, clients and stakeholders. We have undergone a rigorous audit from

FASET, which is now accredited through SSiP and is therefore mutually recognised with other health and safety assessment schemes. Our FASET registration will further solidify our commitment to remaining an innovative industry leader. Being a FASET member is a symbol of trust and ensuring complete peace of mind when you choose to partner with JMAC Safety Systems.

APPROVED TRAINING COURSES

FASET has long been a foundation in supporting its members with expert quality guidance, dedicated working at height training, and exclusive membership benefit schemes all with the intention of promoting a safer way of working.

Being a FASET member is a symbol of trust and ensuring complete peace of mind when you choose to partner with JMAC Safety systems.

Courses we can deliver:

- Manufacturers Platform decking installation certificated by JMSS
- Manufacturers Platform decking Inspection training certificated by JMSS
- Manufacturers Platform decking Inspection training (FASET Registered)



FASET has teamed up with CSCS (Construction Skills Certification Scheme), the leading card scheme for the UK construction industry. By ensuring the workforce are appropriately qualified, the FASET card will play its part in improving standards and safety on UK construction sites.

ULTIMATE PROTECTION

MacDeck provides an exceptionally safe working platform for operatives working at height. Its unique design and manufacture exceed the current safety regulations and standards laid down by the UK Health and Safety Executive.

All tradespeople using the MacDeck System must be adequately trained to ensure health and safety in its use, supervision and management. We offer free training to all customers wishing to purchase the MacDeck System. We will ensure that all of your operatives are competent for the work they undertake. Training, along with knowledge, experience and skill, helps develop such competence over time.



FASET

Fall Arrest Safety Equipment Training

1

OUR COMMITMENT TO SAFETY

We work hard to ensure our practises, policies and procedures go beyond industry requirements. Our comprehensive monitoring and reviewing processes are supported by independent advice, training and auditing delivered by Simian Risk Management and other external specialists, this drives continuous improvement to achieve zero harm rates across our organisation

2

WE EMPLOY THE BEST

As a company, JMAC invests heavily in a directly employed workforce, employees at JMAC Safety Systems are directly employed with 100% CSCS qualified operatives, no operative is permitted through an induction to work within the business without having this qualification, alongside JMAC Safety Systems installation certification, following competency-based audits.

3

ACCREDITED BY FASET

We have undergone a rigorous audit from FASET, which is now accredited by SSiP and is therefore mutually recognised with other health and safety assessment schemes. Our FASET registration will further solidify our commitment to Health and Safety Standards at every stage of our work.



The safest way of transporting MacDeck around the site.

MACDECK PANEL STILLAGE

PERFECT FOR STORAGE AND TRANSPORTATION OF PANELS

Stillages can be stacked up on top of each other so that they use up less space than other forms of storage. Stillages are the perfect way to protect your MacDeck panels from damage when transporting your materials around the site.

Our stillages have been designed to fit 16 panels in either side, a total of 32 panels in a stillage. You can double or even triple stack these stillages to save on floor space. You can maximise space on your site by utilising stackable stillages. You will also find that time spent loading and unloading goods is reduced when stillages are used on site.

Our stillages can also be painted to match your company colours and if you choose to opt for the custom branded bespoke safety decking system.

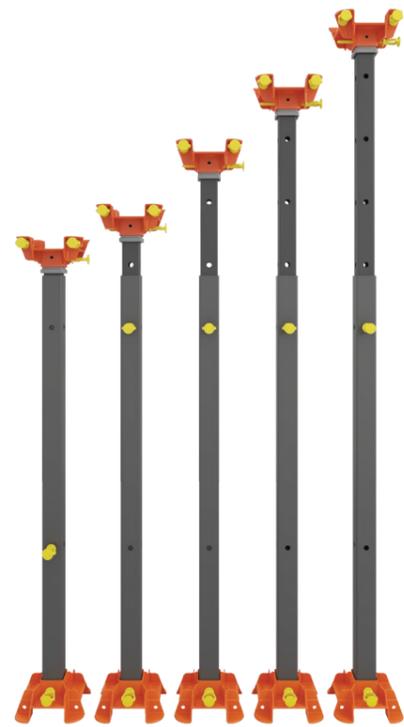
When thinking about health and safety, the design of the stillage allows the forklift driver to see above stillage; improving his field of vision whilst transporting around site.



OUR VALUES

**YOUR SAFETY
OUR VISION**

JMAC is a forward thinking innovative environment. We operate in the scaffolding and construction industry, each day we encounter problems and this has given us a passion and ability to develop a market leading problem solving product range. Through innovation and simplicity, we want to deliver superior products and services to the construction industry, thereby creating a safer workplace along with the ability for exceptional performance and the creation of strong relationships.



THE LEG RANGE

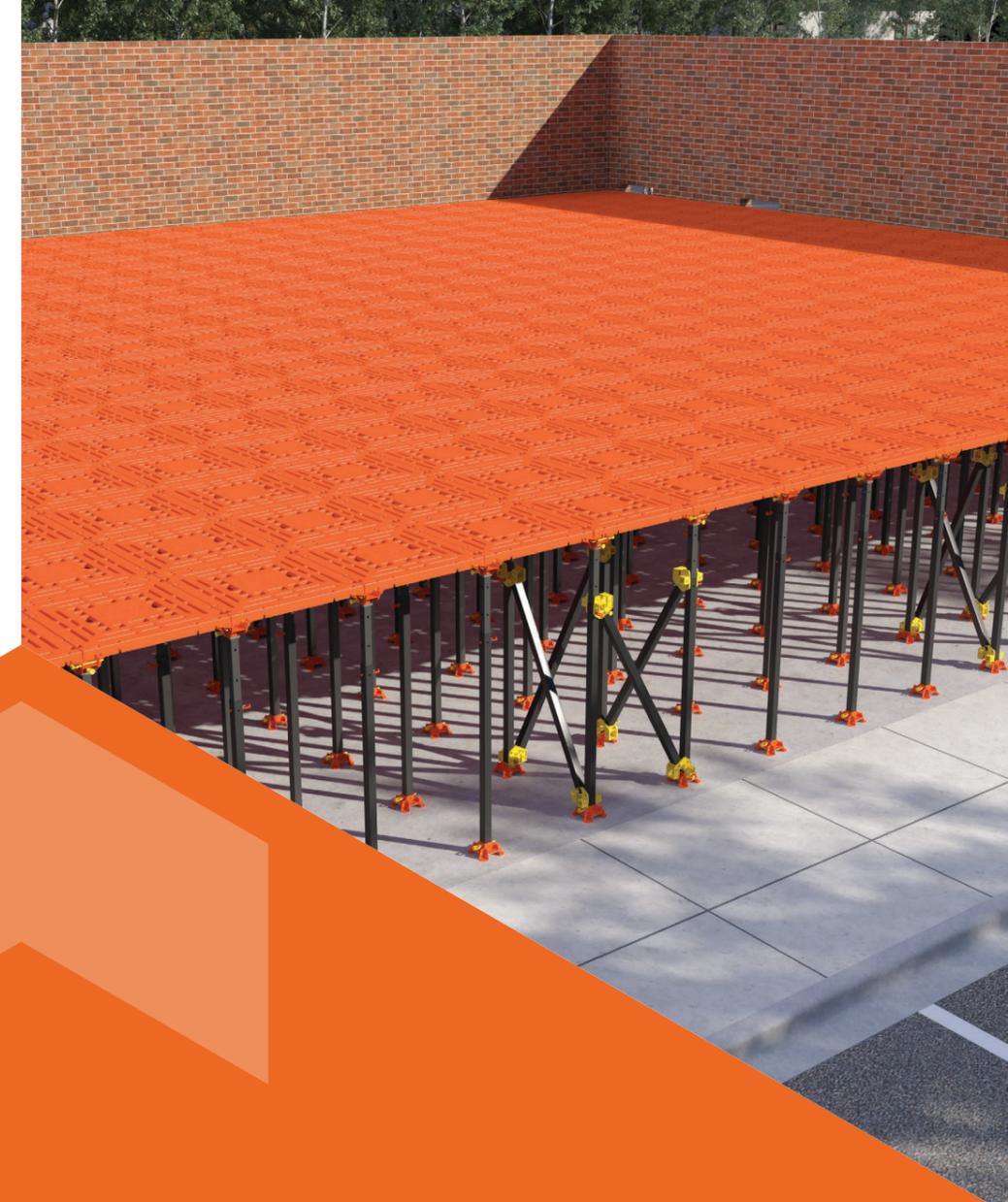
INTRODUCTION

JMAC offers three different types of legs. The Fixed Leg, The Extendable Leg HD, and The Eco Extendable Leg. Our first Extendable Leg has been very popular since we first released it back in 2019. The innovative design of the Extendable Leg has been created for use in the construction industry on commercial build projects. The team at JMAC Safety Systems has listened to our customer feedback, and we have identified a need for a more cost effective light weight product for commercial projects. We have gone back to the drawing board and spent many hours redesigning our Extendable Leg to suit wider variety of build projects and customer needs.

We have spent many hours trialling and testing a brand new eco design to ensure, like we do with the rest of our products, we're offering the best on the market. Within this information guide, you will find all the key information and guidance on our Extendable Leg HD and our new ECO Extendable Leg.

The Extendable Leg HD is the most durable of the two legs, meaning the working load remains the same as a general-purpose scaffold.

| | | |
|---|--|---|
|  FIXED LEG <hr/> Our fixed leg has been designed with durability in mind. |  ECO EXTENDABLE LEG <hr/> Have the the added flexibility of choosing your platform height. |  EXTENDABLE LEG HD <hr/> Due to the increased strength of the extendable leg HD, the working load remains at 2.0kn (200kg) per m2, even when the platform is erected at 3.0m |
|---|--|---|



LEG RANGE HEIGHT SUMMARY

| MODEL | PLATFORM HEIGHT VARIATIONS |
|-------------------|---|
| Fixed Leg 1.5m | 1.5m |
| Fixed Leg 1.8m | 1.8m |
| Fixed Leg 2.0m | 2.0m |
| Eco 1 | 1.5m, 1.6m, 1.8m, 2.2m |
| Eco 2 | 1.8m, 2.0m, 2.2m, 2.4m, 2.6m |
| Extendable Leg HD | 1.8m, 1.9m, 2.0m 2.1m, 2.2m, 2.3m, 2.4m, 2.5m, 2.6m, 2.7m, 2.8m, 2.9m, 3.0m |



The Extendable Leg is another unique design from the team at JMAC Safety Systems. Designed to provide peace of mind for safety on site.



**Manufactured
from a fibre
reinforced
polymer.**

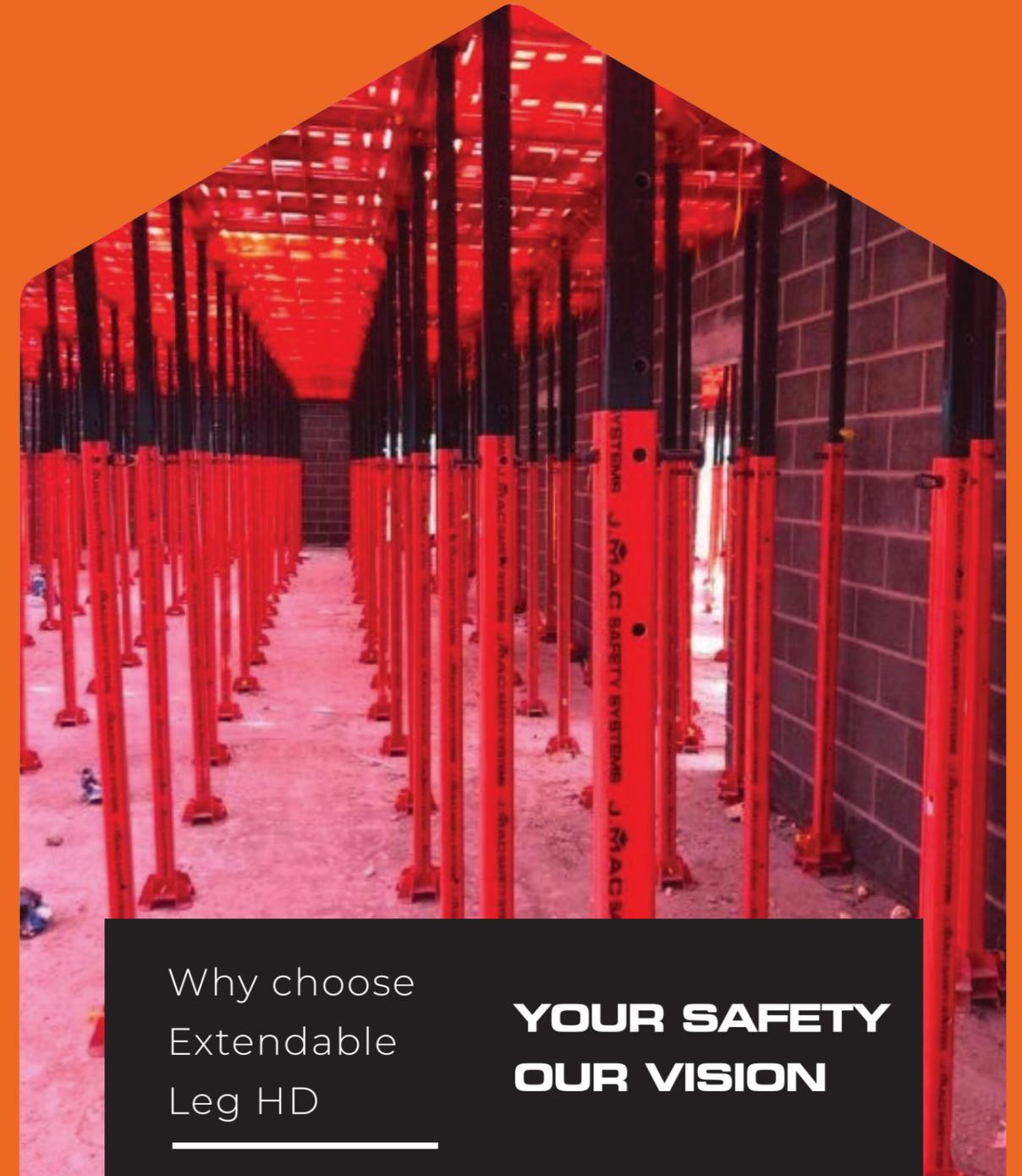
THE EXTENDABLE LEG HD

The JMAC Safety Systems Extendable Leg HD can be used for traditional build houses, 1.8 platform, timber frame builds, 2.0m platform, or commercial buildings (typically 2.4m – 3.0m platform), one leg fits all.

The Extendable Leg HD is installed with the use of a podium for any height over 2.0m. Our specialist installation teams will attend site and provide a detailed and thorough step by step installation guide to assist you. Due to the durability and increased strength of the Extendable Leg HD, the working load remains at 2.0kn (200kg) per m2, even when the platform is erected at 3.0m. As with the standard legs, the extendable legs can be manufactured with your company branding and colours.

Due to the increased strength of the leg, the shock absorbing supersock was developed to allow impact and energy to be absorbed, diverting the initial impact away from the surface of the system.

Our Extendable Leg HD is the first product of it's kind, and is available for both hire and sale. Please get in touch with us to discuss how we may be able to assist with your next commercial project.



Why choose
Extendable
Leg HD

**YOUR SAFETY
OUR VISION**

- Shock absorbing legs with our revolutionary supersock.
- 44 x stronger than the standard leg
- Easy to install up to 40m2 per hour at our maximum platform height of 3m.
- Flexibility for a wide range of construction projects; traditional build at 1.8m, timber frame 2.0m or commercial buildings from 2.4 up to 3.0m
- The platform height can be extended in 50mm increments from 1.8m - 3.0m
- One leg fits all
- Manufactured from a fibre reinforced polymer
- Various colour options available



Choose the
right platform
height for your
project.

THE ECO EXTENDABLE LEG

The JMAC Safety Systems ECO Extendable Leg can be used for traditional build houses, 1.8m platform, timber frame builds, 2.0m platform, or commercial buildings up to 2.5m.

The Eco Extendable Leg comes in two sizes:

Eco 1 - 1.5m - 2.2m

Eco 2 - 1.8m - 2.6m

The ECO Extendable Leg is installed with the use of a podium for any height over 2.0m. Our specialist installation teams will attend site and provide a detailed and thorough step by step installation guide to assist you.

The ECO Extendable legs can be manufactured with your company name and colours when you purchase this product from us. This acts as great way of promotion for your brand, along with being an intelligent theft deterrent too.

Our ECO Extendable Leg is a cost effective solution that can speed up the build process and is available for both hire and sale. Please get in touch with us to discuss how we may be able to assist with your next project.



Why choose
Eco Extendable
Leg?

**YOUR SAFETY
OUR VISION**

- Lighter than the Extendable Leg HD
- Works in conjunction with the Mac Brace for a free standing system
- ECO Extendable Leg can be branded with your company name and colours when you purchase this product from us
- The platform height can be extended in 200mm increments
- Two size variations available
- Manufactured from a light weight polymer



The safest way of transporting legs around site.

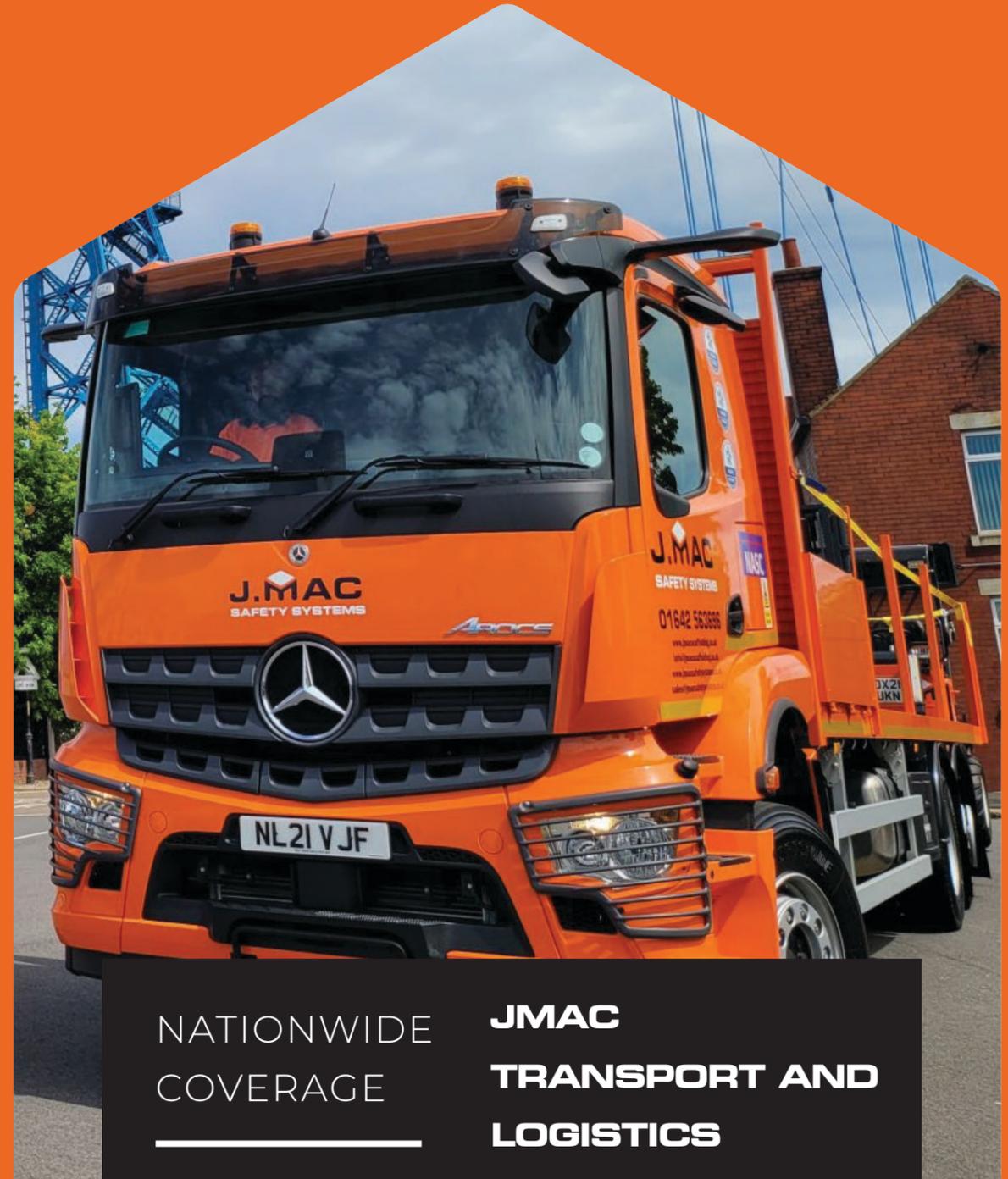
LEG STILLAGE

PERFECT FOR STORAGE AND TRANSPORTATION OF LEGS

Storage and handling of large amounts of equipment has long been an issue when working on a construction site. Before transporting or lifting, equipment must be palatised and banded before transportation.

Unsecured loads must not be transported using plant machinery such as forklifts, both standard and telescopic. Stacking the extendable leg on wooden pallets and then banding afterwards can be an impossible task, this is due to the size and shape of the legs. Subsequently, your operatives may spend hours, banding or strapping the loads so they remain stable. These wasted hours result in a major cost, which can be reduced by tenfold when using our extendable leg stillages.

Dependent upon the length of the leg, our stillages have been designed to safely hold up to a maximum of 109 legs to enable safe storage and transportation. It is much quicker and easier to band legs on a stillage in comparison to when stacked upon a pallet. Furthermore, the stillage can be stacked on top of each other to utilise space on the construction site.



NATIONWIDE
COVERAGE

JMAC
TRANSPORT AND
LOGISTICS

Successful companies are those doing more with less - while becoming increasingly customer-centric. The global marketplace is demanding production of **higher quality goods, faster response times** and **lower costs** while implementing customisation. Our manufacturing and distribution process is seamless, we can take your requirements, and have your order dispatched and **installed on site within 72 hours**. Furthermore, we have travelled all over the UK and therefore, are aware of the shortest routes to most areas across the nation, we'll be with you every step of the way.

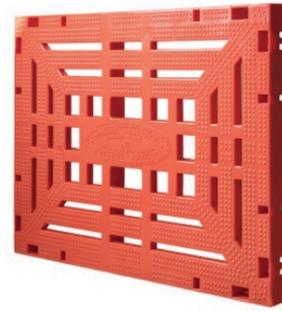
COMPONENTS

MACDECK PANEL



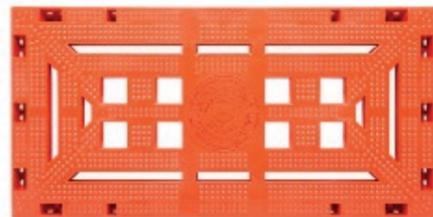
| CODE | SIZE | WEIGHT |
|---------|-------------|--------|
| MAC 305 | 1.0M X 1.0M | 10KG |

MACDECK PANEL



| CODE | SIZE | WEIGHT |
|---------|--------------|--------|
| MAC 310 | 1.0M X 0.75M | 8KG |

MACDECK PANEL



| CODE | SIZE | WEIGHT |
|---------|-------------|--------|
| MAC 315 | 1.0M X 0.5M | 6KG |

LAP PANEL

COMING SOON

| CODE | SIZE | WEIGHT |
|---------|------|--------|
| MAC 036 | TBC | TBC |

COMPONENTS

FIXED LEGS



| CODE | SIZE | WEIGHT |
|---------|------|--------|
| MAC 025 | 2.0m | 2.00kg |
| MAC 027 | 1.8m | 1.80kg |
| MAC 024 | 1.5m | 1.50kg |

EXTENDABLE LEG HD



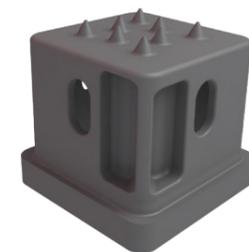
| CODE | SIZE | WEIGHT |
|----------------------------|-------------|--------|
| MAC 029 (Outer profile) | 1.8m - 3.0m | 3.60kg |
| MAC 030 (Inner profile) | 1.8m - 3.0m | 2.52kg |

ECO EXTENDABLE LEG



| CODE | SIZE | WEIGHT |
|----------------------------|-------------|--------|
| MAC 031 (Outer profile) | 1.5m - 2.2m | 1.60kg |
| MAC 032 (Inner profile) | 1.5m - 2.2m | 1.50kg |
| MAC 033 (Outer profile) | 1.8m - 2.6m | 1.92kg |
| MAC 034 (Inner profile) | 1.8m - 2.6m | 1.80kg |

SUPERSOCK



| CODE | MODEL | WEIGHT |
|----------------|---------------|--------|
| MAC 205 | Supersock HD | 95g |
| MAC 205 ECO | Supersock Eco | 95g |

COMPONENTS

PANEL STILLAGE



| CODE | SIZE | WEIGHT |
|----------------|-----------------------------|--------|
| MAC 290 | 2.17m x 1.17m x 1.03m | 78kg |

LEG STILLAGE



| CODE | SIZE | WEIGHT |
|----------------|-----------------------------|--------|
| MAC 285 | 1.02m x 1.02m x 1.22m | 35kg |

MAC BRACE



| CODE | SIZE | WEIGHT |
|----------------|------|--------|
| MAC 028 | TBC | TBC |

CORNER BRACKET



| CODE | SIZE | WEIGHT |
|---------------|------|--------|
| MAC035 | TBC | TBC |

COMPONENTS

HEIGHT SELECTOR PIN



| CODE | SIZE | WEIGHT |
|----------------|------|--------|
| MAC 202 | N/A | 47g |

CAMSTRAPS



| CODE | SIZE | WEIGHT |
|----------------|-------|--------|
| MAC 140 | 100cm | 0.5kg |

PINS

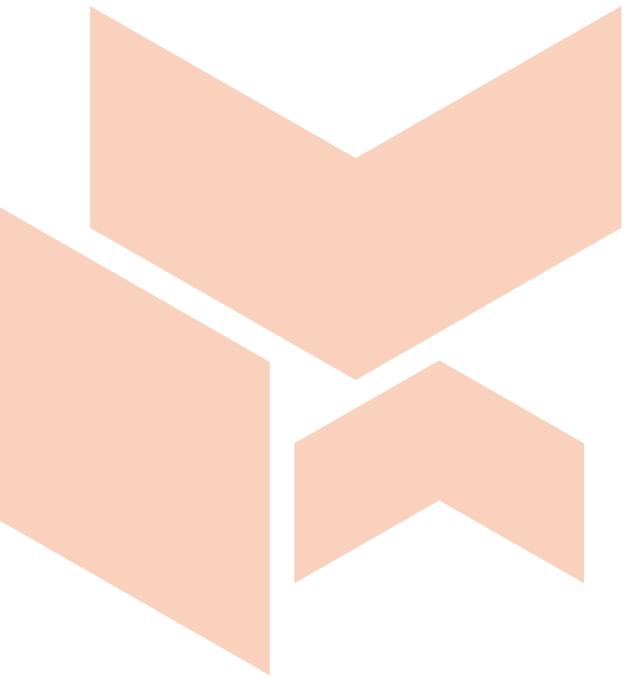


| CODE | SIZE | WEIGHT |
|----------------|------|--------|
| MAC 201 | N/A | 0.22g |

BASE & HEADS



| CODE | SIZE | WEIGHT |
|----------------|-----------------------|--------|
| MAC 200 | 18cm x 18cm x 10cm | 355g |



J.MAC

SAFETY SYSTEMS



Contact Us

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