

Engineered and standard
high-quality **comfort foams**





Draka Interfoam - part of **The Vita Group**

Draka Interfoam has been part of The Vita Group, European leader in polymer technology and foam production since 1985. The Vita Group has branches in 15 countries, employing more than 2500 people. There are Vita Companies in Albania, Bulgaria, China, Croatia, France, Germany, Hungary, Italy, Lithuania, the Netherlands, Poland, Romania, Serbia, Slovakia and the United Kingdom.





Draka Interfoam, Your partner in **performance**

At Draka Interfoam we produce and deliver high-quality foams where service is an important part of the delivery package. With years of experience behind us we enjoy long-term collaboration with our clients and ensure that the foam materials and assembled products offer maximum performance within the often demanding end-user applications.

Our added **value**

Draka Interfoam supplies a wide selection, ranging from low densities of soft foams to high densities of hard foams, in a density range of 17 kg/m³ to 70 kg/m³.

With Draka Interfoam, end products can be made of different price-quality combinations. In addition to a direct delivery of foam, where required we also assemble material which can include operations such as cutting, contouring, gluing and packaging. We are also able to supply foam on rolls. Where your requirements fall outside the specifications of our grades, our R&D department will also engineer customised foam. Together, we can develop polyether foams that meet your specific requirements.



Reliable supply



Flexible & **Reliable**

Draka Interfoam, in collaboration with the other companies from The Vita Group, distinguishes itself in the market through the constant quality of its products combined with maximum flexibility and reliability.

We produce both to order and from stock. The flexibility in our production ensures that we can quickly deliver converted materials, rolls and standard (long) blocks. In addition, we have a proven track record of reliability and always meet our commitments. Need an urgent delivery, then you have come to the right place.



Quality management

At Draka Interfoam we stand for our quality and will always strive for perfection. We are ISO 9001-2015 certified and use our expertise to improve production processes and products. We work closely with renowned institutions such as LGA and TNO.

We are certified for implementing an environmentally friendly production process, improving health and safety and promoting socially responsible working conditions according to the following modules; Environment, Health and safety, Social Responsibility, Quality management and Chemical management

All our foams are tested according to the generally applicable ISO and/or DIN standards, supplemented with country-specific requirements and conditions.

Oeko-Tex STEP certificate

In addition to the Oeko-Tex Standard 100 certification, we have now also received the STEP certificate. STEP stands for "independent certification system for transparent and sustainable textile and leather production."



Harmony™

New generation of comfort foams for beds and furniture

Reliable polyether structure with the comfort of cold foam.

Excellent dimensional stability with minimal indentation.



Harmony™ durable comfort foam

The latest development from Draka Interfoam in the field of comfort foams is the Harmony™ series. The durable Harmony foams have the proven reliability of Polyether foams with the comfort and many advantages of HR cold foam.

HR cold foam is flexible and resilient, which means it offers a lot of support and comfort. The comfort of HR cold foam is mainly due to the high elasticity. Because the cell structure is open, this foam has good ventilating and absorbing properties.

- **Reliable, proven durability of polyether with comfort and cell structure similar to HR cold foam**
- **Excellent dimensional stability, so minimal pit formation**
- **Very stretchable with less risk of tearing**
- **Good resilience and elasticity**
- **Durable and comfortable**
- **With up to 10% lower density, the same durability and comfort as HR cold foam. As a result, less raw materials are needed.**
- **Perfect ventilation due to open cell structure**



Less kilos are needed for a **comfortable result**

The perfect balance between the advantages of Polyether foam and HR cold foam means that fewer kilograms of foam are needed to achieve the same level of comfort. With this Harmony™ provides extra benefits for furniture and bed manufacturers. Moreover, this has advantages for the environment; less kg of foam production ultimately means less kg of waste.

Excellent dimensional stability, perfect against pitting

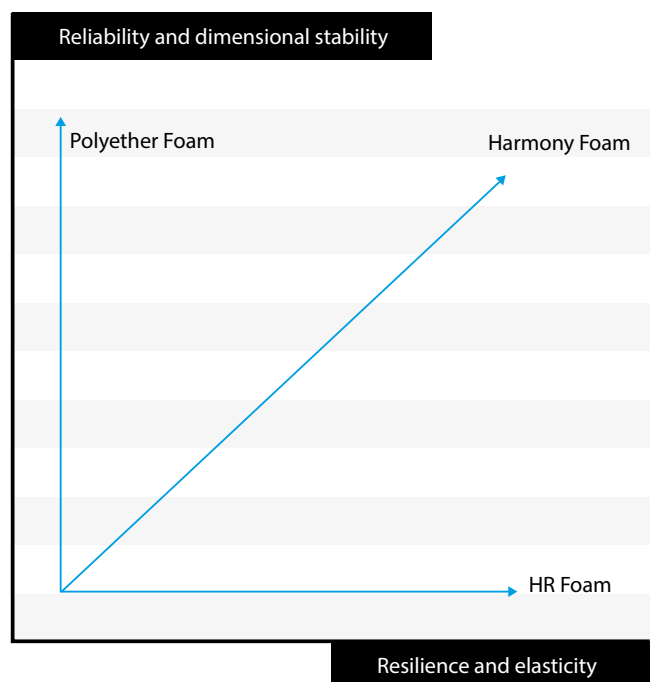
Harmony foams are durable and comfortable due to good resilience and elasticity with excellent dimensional stability. Tests have shown that Harmony is the answer to pothole formation. This extends the service life and reduces the number of complaints for the manufacturer.

Effective processing

The foam is very stretchy with less chance of tearing during the processing and production of beds and furniture.

Open cell structure

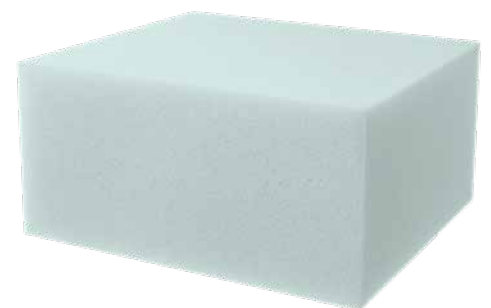
The cell structure of the Harmony foams is very open and therefore scores well on ventilation and comfort. The foam also absorbs moisture for longer life benefits.





Technical information

Type	Density kg/m ³	Hardness kPa	Tensile strength kPa
Harmony™ 9015 / T3534	35	3.4	110
Harmony™ 9025 / T3542	35	4.3	110
Harmony™ 9515 / T4034	40	3.4	105
Harmony™ 9525 / T4045	40	4.5	100



Form-retaining



Resilience



Ventilation

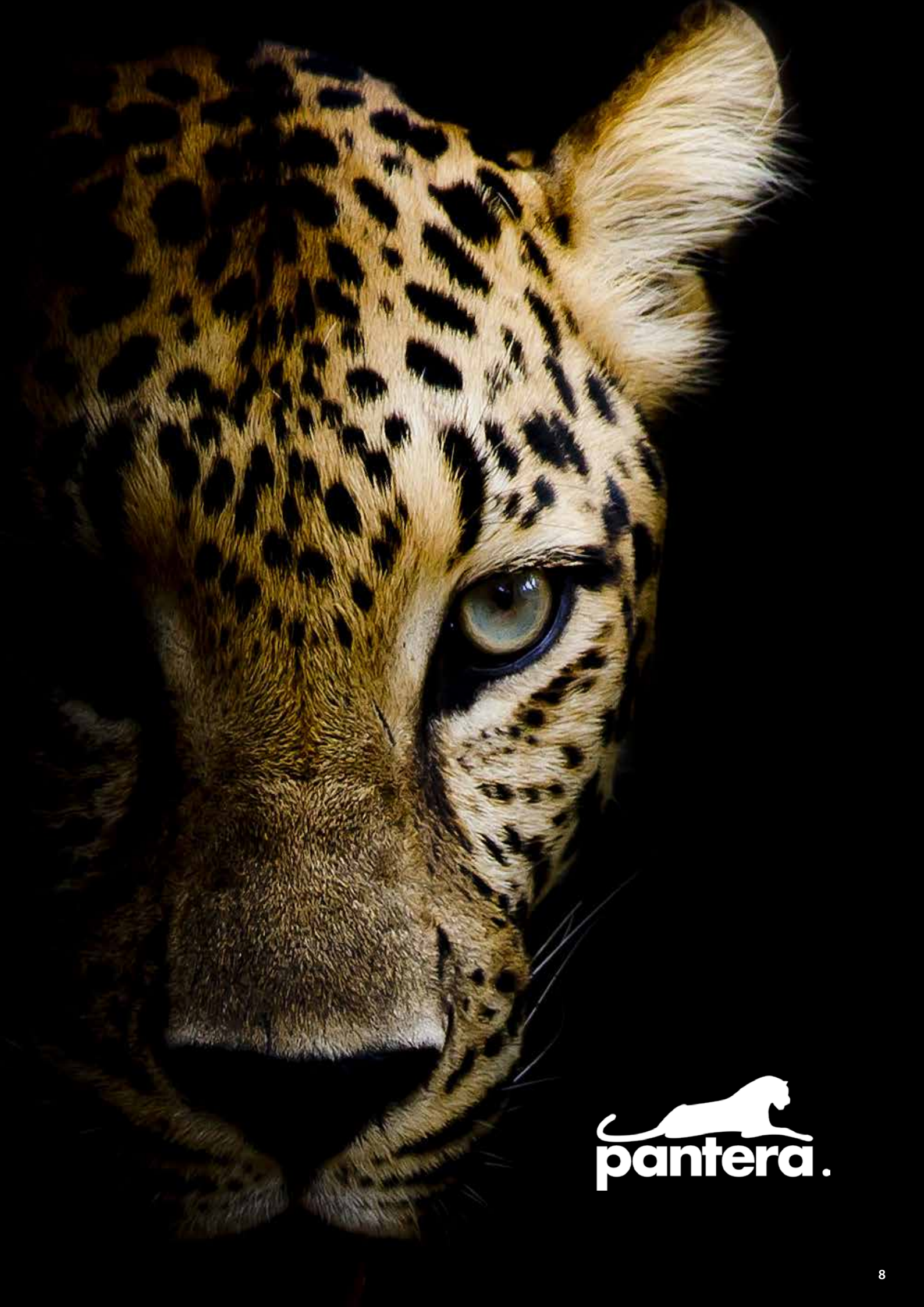


Absorbable



Stretchable






pantera.

Pantera[®], premium foam for beds and furniture

Foam that offers the right body support, moisture and heat regulation and elasticity properties and also has excellent durability.

20 YEARS
PROVEN
QUALITY



Pantera[®] Top quality foam

Pantera[®] is our premier product specially developed for high-quality comfort items like beds and furniture which offer a long life and great comfort. For 20 years, Pantera has scored highly on all the important aspects of comfort. It distinguishes itself through its durability, consistent quality and high level of comfort. The dimensional stability of this product is exceptional and that's why we offer a 7-year guarantee for normal use.

Reduction of pressure points

Pantera[®] not only has optimal properties for moisture and heat regulation but reduces the number of pressure points on the body as well. This not only improves the comfort level but is very important in the prevention of pressure sores as well. This makes Pantera[®] foams the number 1 foams in medical applications.

- **20 years proven quality**
- **Full body support**
- **Exceptional moisture and heat regulation**
- **Prevention of pressure ulcers**
- **Consistent cell structure; the foam can be cut and processed both vertically and horizontally**
- **Optimum ventilation**
- **Extremely durable and comfortable**
- **Excellent resilience and elasticity**
- **7-year guarantee in normal use**

Pantera® Available in 3 types

Pantera® is available in 3 product types; **Pantera®**, **Pantera® Bio** which uses renewable raw materials and **Pantera Nautic™**, specially developed for use in the Nautical world.

All the Pantera® foams comply with California 117A and D and the FMVSS standards with no extra additions, thereby maintaining optimum comfort. Besides that, they comply with the Oeko-tex class 1 norm.



Pantera®

Pantera® is our premier product specially developed for high-quality comfort applications like beds and furniture which offer a long life and great comfort. For 20 years, Pantera® has scored highly on all important properties of comfort.

Pantera® distinguishes itself through its maximum support, consistent quality and high level of comfort. Pantera® foams have a consistent cell structure. This means our foam keeps its positive characteristics after horizontally or vertically processing.

The Types 1055 and 1085 are widely used in toppers, pillows and soft back cushions. High-quality mattresses and back cushions are often made from 2100 and 2130 and somewhat harder qualities 3150 and 3170 are ideal for seat cushions and harder mattresses.



Type	Density kg/m ³	Hardness kPa	Tensile strength kPa	Also available as:
Pantera® 1055 / P50	40	1,6	75	Pantera Bio
Pantera® 1085 / P80	50	2,2	65	
Pantera® 2100 / P100	50	2,8	70	Pantera Bio / Pantera Nautic
Pantera® 2130 / P130	50	3,7	75	Pantera Bio / Pantera Nautic
Pantera® 3150 / P150	50	4,3	85	Pantera Nautic
Pantera® 3170 / 170	50	5,3	115	Pantera Nautic

Pantera® Bio

Pantera® Bio has the same advantages as our regular Pantera but is produced with renewable raw materials. This means that the Pantera® Bio has a smaller ecological footprint. Pantera® Bio is the first step towards achieving our vision of a new generation of sustainable foams, each with more renewable materials and less dependence on the petrochemical industry. And all this without compromising on quality.

We work with a range of international partners to exploit the potential of natural oilseeds.



Pantera Nautic™

Besides all the advantages of our regular Pantera® Foams, the Pantera Nautic has another great advantage; the foam has Anti-bacterial properties. Specially designed for use in the Nautical world, this foam is resistant to fungus and dust mites.

Our Pantera Nautic™ foam meets the strict IMO guidelines. (International Maritime Organization). This specialised agency ensures that safety and environmental requirements on board are complied with and issues certifications. An important part of the IMO certification is the FTP- (Fire Test Procedures). With this, the flammability of surfaces, according to the Marine Equipment Directive (MED) is tested.



Comfortable



Sustainable



Elastic



Ventilation



Fire retardant



Small tolerances



Eco-friendly



Full body support





Foams with special functions

HIC™ High Intensive Colour foam

Spring mats and pitfalls (foam pits) in sport and jump halls, cleaning sponges, special branding; everything is possible with our HIC™ Foams.

From a light pastel hue to an intense red or orange, all colours are possible and can be discussed.

Complete blocks, rolls or ready-cut material, please contact us to discuss your requirements.





Where comfort comes first

medical
foam™

Balanced cell structure,
perfect lying comfort

The balanced cell structure ensures perfect lying comfort, especially where there is long-term constant load, which is very important for a patient's speedy recovery. The elasticity of the foam in combination with other properties ensure an excellent result in terms of dynamic fatigue.

Our Medical Foam™ foam meets the Crib5 fire standards and is demonstrably provided with a biocide that prevents the formation of bacteria and fungi. In short, you have a unique product in our Medical Foam™ foam with an appropriate response where safety and a speedy recovery are of the essence.

A close-up photograph showing a person's legs in black shorts resting on a bright blue foam mat. The mat is placed on a light-colored wooden floor. The text "Special foams" is overlaid on the blue mat.

Special **foams**



Calipore®

Open-cell polyether with extremely good ventilation

Calipore® is a complete open-cell polyether that has excellent ventilation properties. On the one hand, this type of foam has very large cells that, due to their size, have the ability to absorb a lot of air. On the other hand, Calipore is reticulated, so that the cell walls are melted away and only a cell rib structure remains. This allows the air chambers to communicate with each other, resulting in maximum ventilation.

With its completely open cell structure, Calipore is the ideal solution for obtaining air circulation and thus moisture removal in mattresses.

Excellent quality, PU foam

The Cellflex® grades are high-quality PU foams developed by Draka for the comfort industry. With a soft surface and good support, Cellflex is the perfect solution between our premium product Pantera® and the standard HR foams.

Unique raw materials developed by Draka Interfoam itself, form the basis for the production of this quality. Cellflex is durable due to the high density of the foam and has a fine open cell structure which ensures excellent pressure distribution and good ventilation. In addition, Cellflex is fire retardant according to the FMVSS 302 standard.



cellflex
tough foam, soft touch



Safety Foam®

Fireproof foam

Fire safety is an important issue, especially in the project market. Draka Interfoam has a series of Safety Foam® foams made of CMHR polyethers. CMHR products are a further development of the so-called HR (High Resilience) polyether technology that complies with a higher degree of fire resistance. The CMHR foams meet the fire test requirements of the UK SI No. 1324, 1988 (SI no. 2358 Amend 1989), sometimes referred to in the industry as Crib 5 standard.*

*All CMHR grades meet the requirements of Annex 1, part 1: The Furniture and Installation (Fire) (Safety) Regulations UK SI NO. 1324, 1988 (SI No. 2358 AMD 1989) (AMD 1993) and the (lower) requirements California TB 117 (2013) and FMVSS302.

Support and **foam engineering**

At Draka Interfoam we deliver high-quality foams where service is an important part of the delivery package. From our years of experience, we like to work long-term with our clients whereby we are closely involved in the development of new products.



Our services

Custom made foam

Where your requirements fall outside the specifications of our grades, our R&D department will also engineer customised foam. In doing so we provide chemical engineering, production, testing and certification. In short, we develop foam products that are fully tailored to your needs.

Important focal points in the development are; durability, consistent quality, block geometry, block weight and foam tolerances.

Conversion service

In addition to the production and delivery of a wide variety of comfort foams, we also provide the complete manufacturing of end products such as core mattresses and sheets. The foam conversion takes place according to your specifications and we are happy to advise you so that an optimal product is created.



Loop slitting

Draka has a 60 metre, computer controlled Baumer Loop Slitter for volume production, which convert foam into continuous rolls ranging from 1.5 mm to 54 mm in thickness.

Peeling (Round Block)

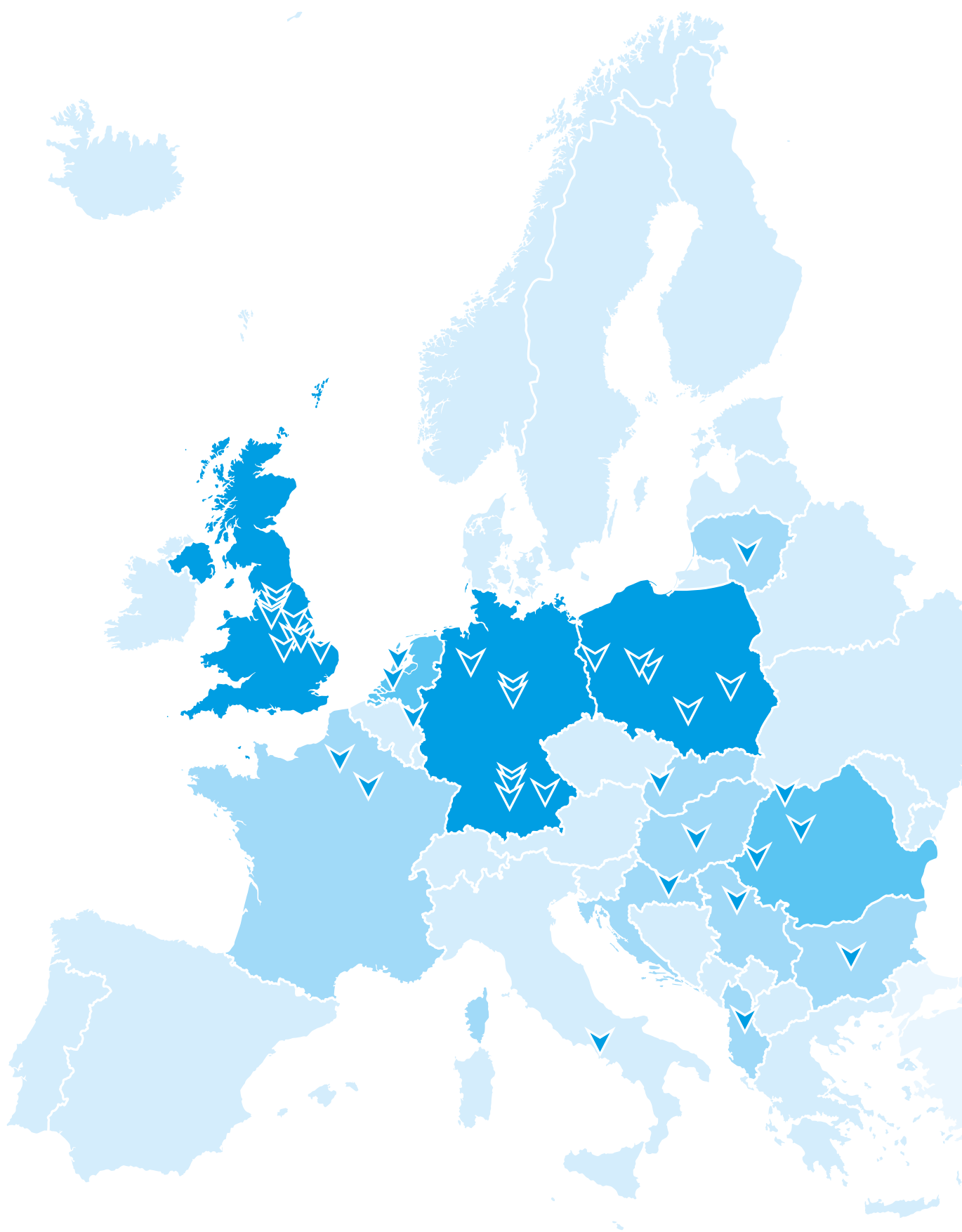
Our round block peeling facilities are ideal for producing smaller quantities in various grades.

Logistical support

Draka Interfoam has opted to place the logistic activities, under its own brand name, with an external specialised party. By combining as many loads as possible, we want to contribute to more efficient transport and an improved environment.

To transport complete blocks of foam we have access to a number of specialised vehicles. These vehicles are specially built so that they can carry 45 or even 54 blocks (312 m³) of foam, rather than 12 blocks that fit in a standard truck.





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