

THE ICE RINK EXPERTS

SINCE 1981



Competence in
Ice, Sports & Solar
www.iss4u.de



AWARENESS AND IDENTITY

Innovative. Competent. Reliable.

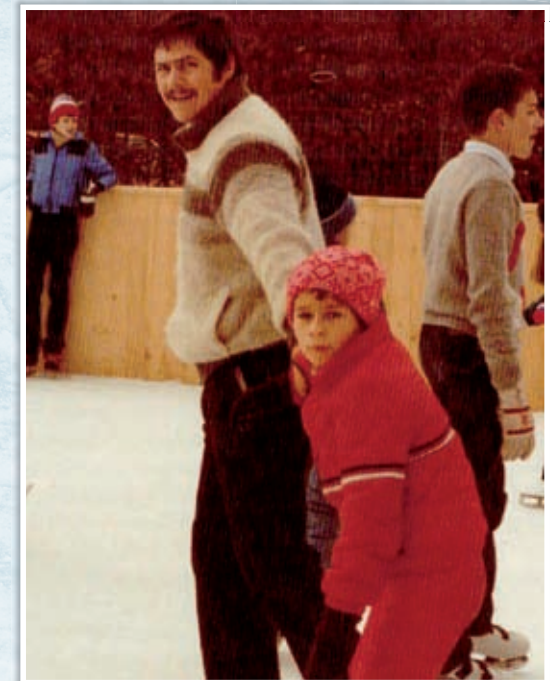
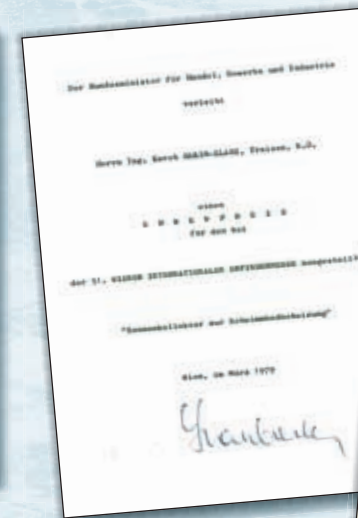
These three words sum up the corporate philosophy of ISS, a company having its roots in the last century, at the beginning of the 1970s. Today this philosophy is more important than ever before. See for yourself and take a look at our wide range of technical innovations, the new standards we have set in solar, ice rink, refrigeration and air conditioning technology as well as the amazing diversity of our products, all developed with our customers in mind.

ISS is in worldwide demand as a supplier and partner thanks to the dynamism with which we have developed our products and services, as well as our obvious international success. The satisfaction of our customers is, however, still the greatest honour we can imagine. We are convinced that a product can only be improved and developed after a careful analysis of all customer requirements and in cooperation with the customer. We have been guided by this principle for five decades.

Our award-winning successes as the inventor of solar technology for heating swimming pools and indirectly cooled ice rinks using EPDM mats and ICEGRID® piping are our inspiration for the future. Being second best is not good enough in the field of international competition. We want to continue setting standards and not run along behind. Working on international projects is all part of our normal routine and with our references from all over the globe, we would be pleased to deliver „German Engineering“ to your doorstep, too.

Said Hakim CEO

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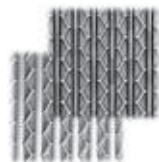
Kaveh Hakim-Elahi (Our pioneering engineer and inventor of the EPDM ice rink) with his son and today's CEO Said Hakim on the world's first EPDM ice rink.

WHAT WE STAND FOR – COMPETENCE IN ICE, SPORTS & SOLAR

- Over 40 years of experience in building leisure and sports facilities
- Over 40 years of experience in developing and building solar absorbers
- Specialists in developing and building ice rinks since 1981
- Ice rink rentals all over the world since 1989
- Inventor of EPDM technology (ICERACK®) for indirectly cooled ice rinks
- Inventor of the patented ICEGRID® rink piping system for ice rinks
- ICEGRID® MULTICOURT upgrade for multifunctional sports facilities
- Trendsetters for a whole industry with our constant stream of technical innovations
- As technological leaders we are committed to developing more and more new innovative products
- As a family business in the second generation we guarantee reliability and authenticity
- Reliability, continuity, trust and added value are the driving forces behind us
- What we achieve is achieved FOR and WITH our customers and partners
- Equipment for sport facilities pre-selected by the experts – all from a single source
- You can rely on us for quality and engineering „Made in Germany“



ICE RINK CONSTRUCTION STATE OF THE ART



ICEGRID®

Our patented ICEGRID® rink piping system for ice rinks is quite simply the ice rink system of the 21st century. Unrivalled in quality and sustainability.

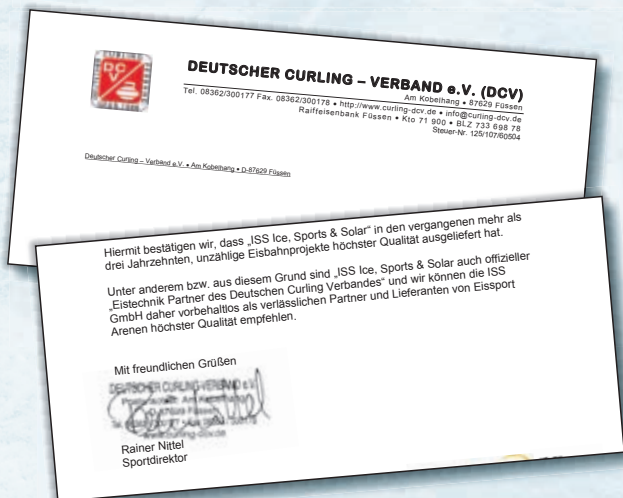
Here are just a few of the advantages for you:

- No other system allows you to change the temperature of the ice so quickly for different types of sport.
- The ribbed shape of the pipes creates the biggest possible surface and therefore optimum energy exchange.
- The brine swirls around constantly in the finned pipes guaranteeing that all the energy is released onto the ice surface.
- The unique honeycomb system makes the surface so robust that a 30-ton truck can drive across it.
- The ribbed pipes lie in the ridges of the honeycomb right in the middle of the ice surface.
- The system is so flexible that we can create any geometrical form you want.
- Each pipe has a stopcock, a unique feature that means the size of the surface can be changed at any time.
- Alongside ICEGRID® Classic with plastic pipes we also offer ICEGRID® PLUS+ which has stainless steel piping. Given the many different uses of the surfaces, it makes sense to have a look at this option from an economic point of view. Thanks to its long life and minimum operating costs, the upgrade pays for itself very quickly.

Experts such as the German Curling Federation or the Frankfurt Lions professional ice hockey team have all put their trust in technology, quality and advice from ISS.

ISS is ice technology partner of:

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MULTIFUNCTIONAL AND COST-SAVING

ICEGRID® MULTICOURT

Multifunctional ice sports arenas from the experts.

An ice rink in winter and artificial turf or hard court in summer - the choice is yours!

Low energy consumption and multifunctionality are what make our ICEGRID® MULTICOURT ice rinks so special. No more costly reconstruction work is needed between the summer and winter seasons.



MOBILE AND FLEXIBLE

ICERACK®

Our ice rink system, tested and certified by the German technical inspection association TÜV, is ideal for mobile and flexible uses.

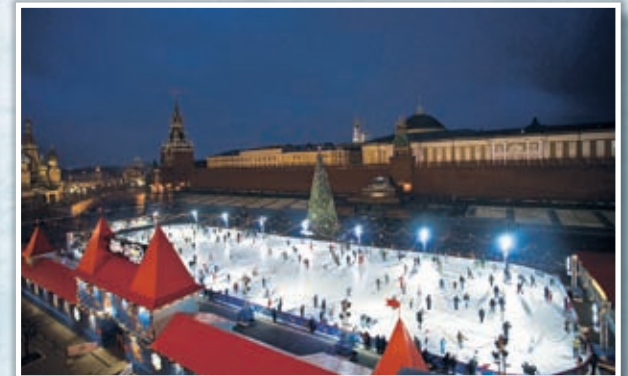
Here are a few examples:

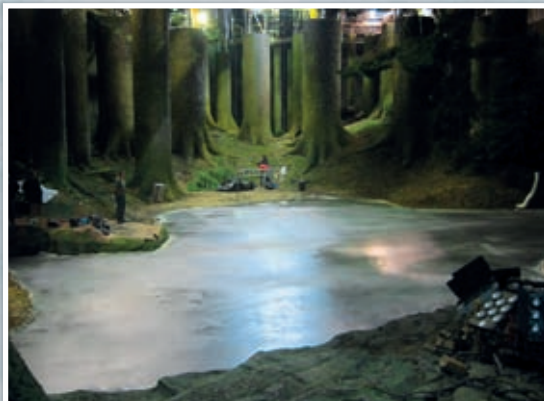
- Figure skating shows
- Trade fair highlight
- Municipal or private investors
- Ice rinks for television and film productions
- Ice hockey, figure skating and curling clubs
- Traditional ice rink rentals for Christmas markets
- Sales promotion campaigns in shopping centres, furniture stores, car showrooms....



„Whether you're training or in a competition, ISS offers world championship standards for every occasion!"

Aljona Savchenko & Robin Szolkowy (5 x world champions and 4 x European champions) with their coach Ingo Steuer swear by ISS ice rinks!





As inventors of EPDM technology for indirectly cooled ice rinks, we know exactly what our customers want and have developed our ICERACK® system with them in mind.

With our mobile ice rinks we can create exciting arenas for you and your target group.



We have the solution before you even recognise the problem!

- At the end of the figure skating show you have 1,500 m² of ice to clean in just 9 hours if you want to avoid paying an extra day's rent for the hall?
- You need ice for a Hollywood production with studio temperatures of almost 30°C?
- You want to build the biggest mobile indoor ice rink in the world with an area of around 6,000 m²?
- You want an open air ice rink in the summer for your TV show in temperatures of 26°C?
- You're organising a Winter Classic ice hockey match in compliance with the IIHF Rulebook?
- An ice rink on the beach in Singapore?

No problem, done it before!

The list is nearly endless.

We'd rather have you present us an interesting project that is a really new challenge for us!

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FUNCTION AND QUALITY

ICERACK®

DASHER BOARD SYSTEMS

We produce all the ICERACK® boards ourselves. They are tested and certified by the German technical inspection association TÜV and can be installed as mobile or fixed boards.

Apart from user safety, quality and an attractive appearance, one of our top priorities during development work was to make them safe and easy to assemble. Obtaining the first TÜV certificate for a mobile board system seemed a logical step for us.

Product features:

- High-quality aluminium frames
- PE / PC planking in plain colours or transparent
- Double-sided advertising space
- Removable puck protection and handrail
- Upgrade with net and audience protection available
- No mounts required, the pedestals are frozen in the ice
- TÜV certificate
- Made in Germany

WOOD AND STEEL DASHER BOARDS

Ideal for events where you want to create a more „natural“ atmosphere.

This newcomer product is manufactured on our premises, too. Quality and safety are our top priorities.

Product features:

- Galvanized steel frames
- High-quality larch wood planking
- All openings with metal caps
- No mounts required, the pedestals are frozen in the ice
- Made in Germany



FROM PROFESSIONALS.
FOR PROFESSIONALS.

YOUR DASHER BOARD FOR SPORTS

Whether you're looking for a mobile dasher board system for a Winter Classic in compliance with the IIHF Rulebook, a fixed installation for the next ice hockey world championship or for a local sports arena – we are the ideal choice because our team has already supplied all these products and our customers are all fully satisfied.

Everyone in the product development department has his or her own story to tell about ice hockey and its requirements – based on the past history of our partners as players, coaches, team managers or ice hockey parents. As a result we have a deep understanding of how ice rinks and arenas should work and this is an excellent basis for further product development.

But PLAYER SAFETY is first and foremost in all our development work. Every avoidable injury is one too many!

Flexible frames and structures in compliance with the new IIHF Rulebook are, of course, part of everyone's homework. It goes without saying that we use only state-of-the-art technical solutions and tested materials. The end product is always a solution based on our many years of experience and in line with the budget and requirements of the customer.

We are your one-stop solution for all the plant and equipment you need for your ice rink or sports arena. We offer the complete package from planning through to implementation.



ICE RESURFACING

As official sales partners of Olympia, Icebear and Sport Ice we have the right product for every occasion. It doesn't matter whether your surface is 100 m² or 10,000 m².

We offer state-of-the-art drive systems, economical battery-operated equipment as well as ice resurfacers powered by gas or diesel. For edge maintenance we also have battery, gas or diesel-powered ice edgers.

Of course, our range of products also includes a curling scraper.

... and the Ice Melter thermo ice resurfacer is ideal for smaller ice rinks or icestock tracks.

Basically, whatever your requirements and whatever your budget is, we have the right product for you!





ACCESSORIES FOR ICE RINKS AND SPORTS FACILITIES

With our many years of experience in building leisure and sports facilities we have established close and intensive contacts to many manufacturers in the industry.

As a result we have developed a lot of products jointly, with the advantage that clients were offered the very best equipment for ISS sports facilities as well as a comprehensive portfolio of pre-selected products.

Customers can be confident that they will only be given the very best materials, mostly „Made in Germany“, and the very best service.

More and more customers want to buy from a single source and if it's a one-off investment, it's virtually impossible to understand this vast huge market.

You can protect yourself against bad investments by choosing a trustworthy and competent partner, such as ISS!

We have always taken the wishes of our customers into account and adapted our products and services to suit them. This means we can offer the best possible product, based on the customer's requirements.

The advantages of ISS:

- Full range of equipment for sports facilities from a single source
- Long-term cooperation with manufacturers and many years of experience guarantee the best possible solution to suit the customer's needs
- Competent expert advice
- Guarantee and warranty from a single provider

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