

PRINETO UNIVERSAL SYSTEM

Efficient. Simple. Easy to use.



1. PRINETO universal system	page 4
2. PRINETO pipes	page 6
3. PRINETO tools	page 8
4. PRINETO sliding sleeve system - fittings	page 10
4.1 PRINETO sliding sleeve connection	page 12
4.2 PRINETO drinking water installation	page 14
4.3 PRINETO radiator connection system	page 16
5. PRINETO surface heating system	page 18
6. PRINETO industrial surface heating thermal component activation	page 20



PATENTED & AWARDED

**Our patented connection technology ensures the fastest possible installation and maximum safety.
See for yourself!**

1. PRINETO UNIVERSAL SYSTEM



PRINETO - The safe plastic pipe system!

PRINETO is a patented plastic pipework system with flexible and stable PE-X pipes that has been tried and tested millions of times - for universal use. With a single range of fittings it covers all applications in the areas of sanitary, heating connection, underfloor heating and compressed air.

Your benefits at a glance:

- Patented connection technology for fast installation and maximum safety (no O-ring, symmetrical sliding sleeve and sealing surface)
- High flow rate thanks to expansion technology
- Practical tools that save time and money
- Extremely long service life and optimum drinking water hygiene thanks to the best materials, such as tin-plated brass, PPSU and Cuphin
- The right solution for every requirement thanks to a comprehensive range of products



2. PRINETO PIPES



All our sanitary and heating pipes - whether flexible PE-X pipes or rigid Pex pipes with an aluminum jacket - are made of cross-linked polyethylene. The advantage? Our pipes are significantly more resistant to the pressures and temperatures that prevail in the daily operation of a drinking water or heating system than non-cross-linked materials such as PE-RT - to the benefit of your safety, your comfort and your budget.

The highlights of our PRINETO pipes:

- Exclusively cross-linked polyethylene
- High corrosion, pressure and temperature resistance
- Flexible and stable pipes can be processed with the same type of fitting
- Symmetrical sliding sleeves - can be pushed on both sides
- Pipes and sliding sleeve connection technology up to 63 mm outer diameter
- In accordance with ISO 21003 and 15875
- DIN tested and approved by accredited European test centres



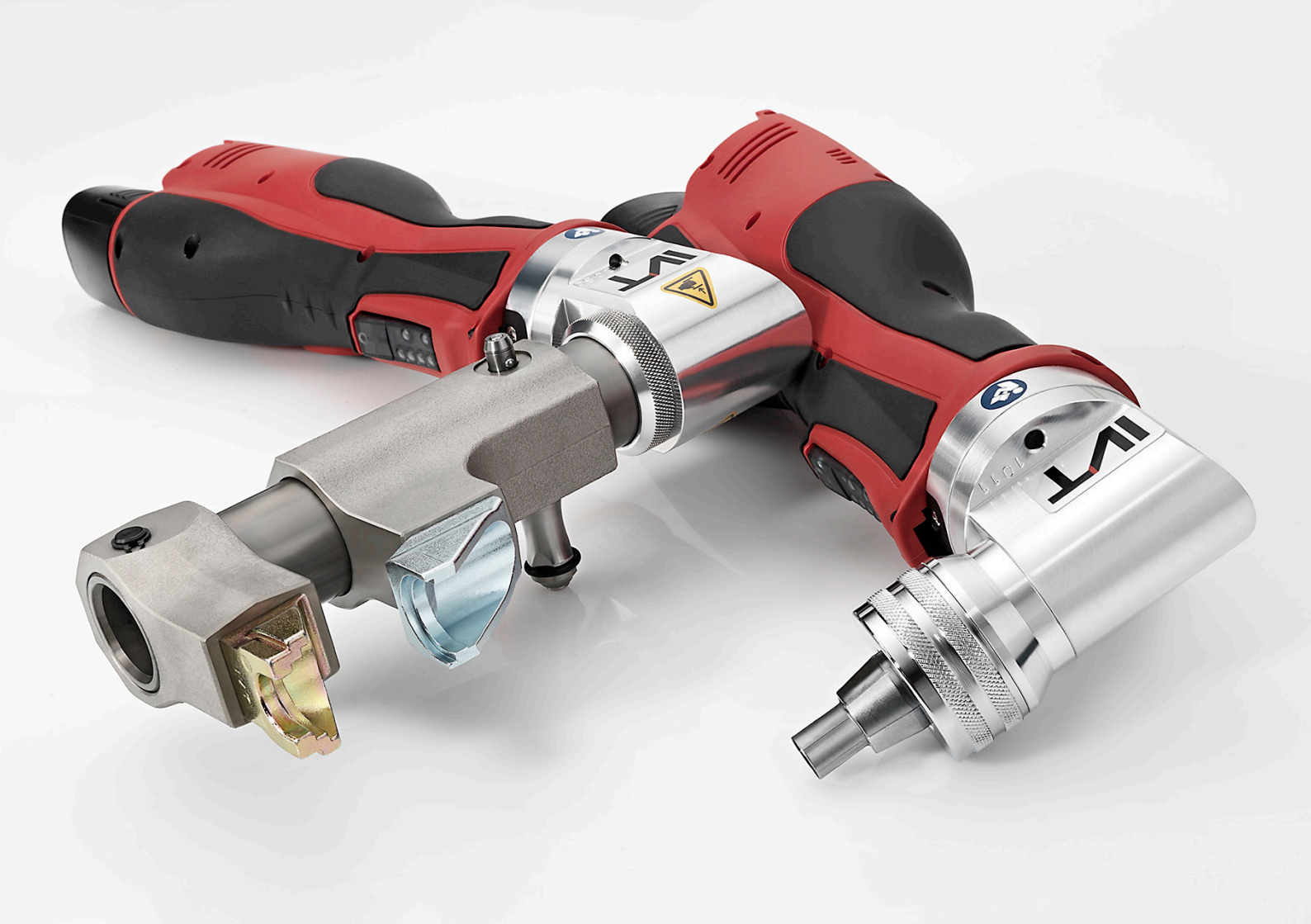
3. PRINETO TOOLS



Our PRINETO tools are specially designed for our sliding sleeve connection. They guarantee quick and easy installation and long-lasting use.

The highlights of our PRINETO tools:

- Developed with practitioners and tested for long-term use on the construction site
- Quick and easy handling
- Manual tools up to dimension 32
- Unique combination tool for expanding and pushing without changing tools
- Handy cordless tool especially for tight spaces
- Low weight (overhead installation)



4. PRINETO SLIDING SLEEVE SYSTEM - FITTINGS



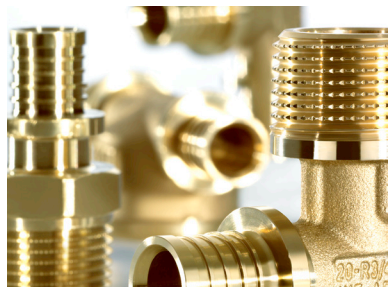
PRINETO fittings

PRINETO standard fittings are made of tin-plated brass. The material is listed as hygienically safe by the UBA (Federal Environment Agency) and complies with the currently valid guidelines. Alternatively available is a fitting program made of the lead-free high-performance material Cuphin and pipe connectors made of PPSU (polymer). For even more safety with aggressive drinking water.



Tin-plated

- Standard fittings for all common applications
- 14-63 mm made of tin-plated brass (silver)



Cuphin

- One material for all drinking water
- For sustainable safety and hygiene
- 100 % lead-free and corrosion-resistant



PPSU

- Plastic fittings: lightweight and cost-effective
- 16-32 mm (black)



4.1 PRINETO SLIDING SLEEVE CONNECTION



Sliding sleeve connections are the simple and safe choice for heating, sanitary and compressed air applications. They can be installed in next to no time without gluing, soldering or welding and are designed to be free of dead space.

Your advantages at a glance:

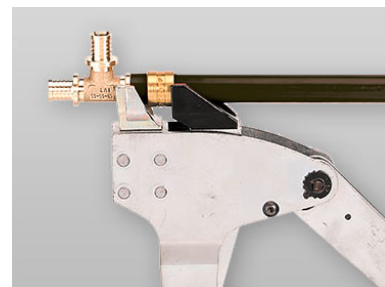
- Large sealing surface, no O-ring
- Simple installation without gluing, welding or soldering
- Our connection technology guarantees fast work and a high level of safety
- No dead space
- Confirmed safety through to DVGW and ÖVGW approval and many other national approvals



Cut PE-X or Stabil pipe to length using the PRINETO pipe cutter. Expand the pipe with the expansion pliers.



Place the tube on the fitting and allow it to shrink (memory effect).



Push on the sleeve with a tool.



4.2 PRINETO DRINKING WATER INSTALLATION



Drinking water is our most important foodstuff. Keeping it clean is a top priority. This is exactly where PRINETO sanitary connections come in. They stand for hygiene and safety and are also extremely economical.

Your advantages at a glance:

- All fittings can be combined and processed with the same tool
- 100% lead-free on request (Cuphin/PPSU)
- Fulfils all requirements for a hygienic drinking water installation in accordance with VDI/DVGW 6023
- High load capacity and corrosion resistance



PRINETO installation boxes for masonry and drywall construction



4.3 PRINETO RADIATOR CONNECTION SYSTEM



The PRINETO radiator connection system offers maximum flexibility on almost any construction site. Refurbishment of existing heating systems, new installations in old and new buildings or even radiator connection pipes from the unfinished floor or via the skirting board are all carried out professionally and attractively.

Your advantages at a glance:

- Maximum flexibility on almost any construction site and pipe sockets can be customised depending on the radiator
- Connection of all radiator types from 10 to 33 possible
- No connection bends required for radiator boxes
- Completely insulated crossing-tee pieces
- Also suitable for large buildings and industrial use (max. connection output 142 kW).



Radiator connection from the floor



Radiator connection from the wall



Radiator connection from the skirting board



5. PRINETO SURFACE HEATING SYSTEM

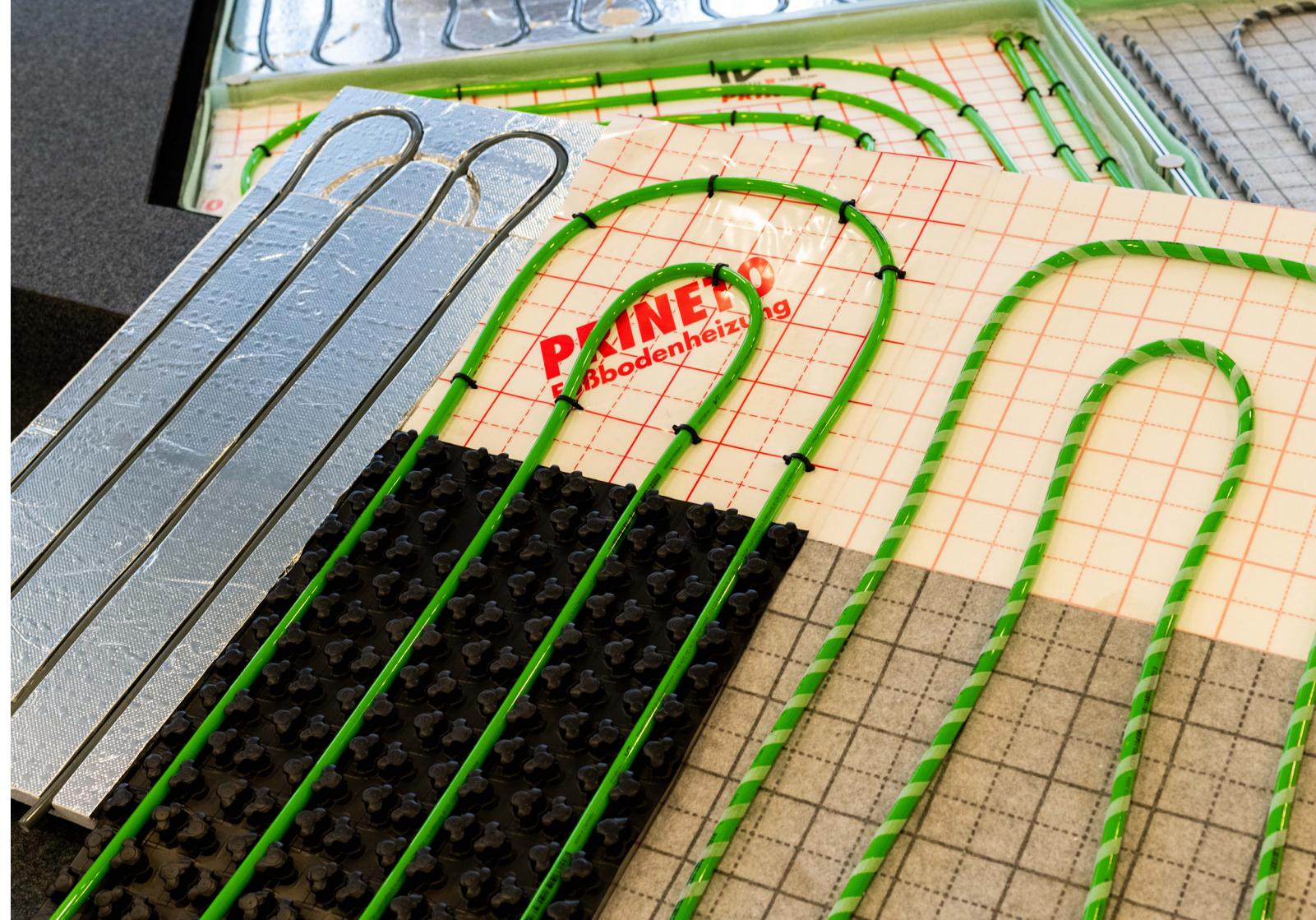
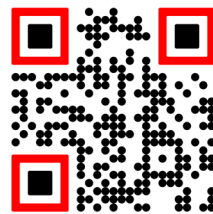


Whether wet or dry installation system, studded panel or fixed rail: with our modular PRINETO surface heating system, everything is possible - even the cooling of buildings.

Your benefits at a glance:

- User-friendly operation with highly developed technology
- Velcro system for 1-person installation
- Complete control technology for panel heating and cooling
- Smart Connect control, app-controlled
- For wet and dry installation
- Self-adhesive PRINETO tacker foil
- Suitable for industrial surface heating systems

Directly to the flyer "IVT thin-bed heating systems"



6. PRINETO INDUSTRIAL SURFACE HEATING



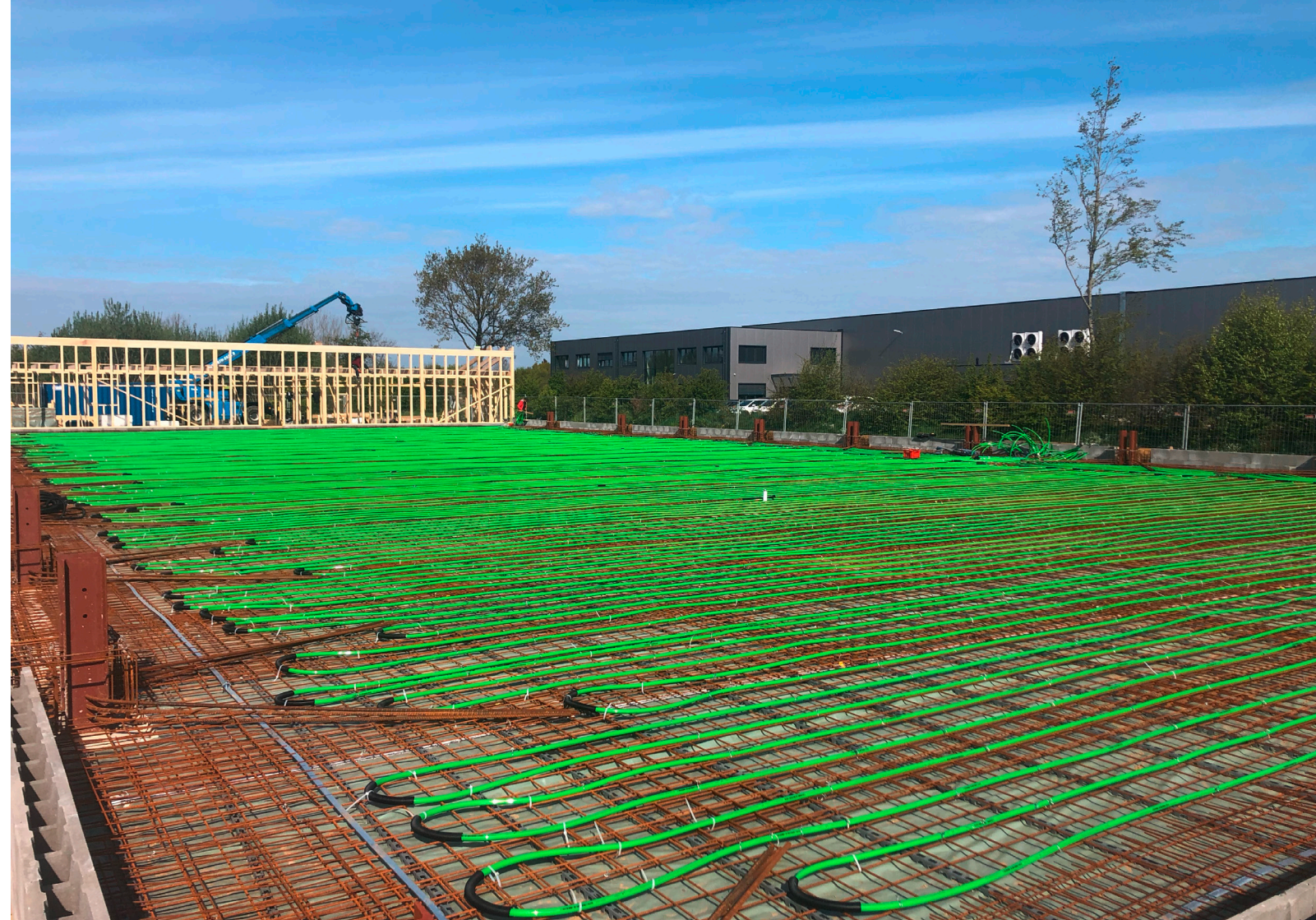
Our solution for industrial underfloor heating and thermal component activation is the self-crosslinked, highly flexible PRINETO surface heating pipes measuring 20 x 2.0 mm and 25 x 2.3 mm. The heating and cooling circuits are distributed via special 2" stainless steel manifolds, optionally with regulating valves or flow meters. Original PRINETO special tools and accessories enable quick and standard-compliant installation.

Your advantages at a glance:

- Self-crosslinked pipes 20 mm and 25 mm in accordance with DIN 16897 and DIN 4724
- Simple and gentle installation with special tools
- Suitable for heating industrial halls on buried concrete slabs
- Advantages like underfloor heating with low flow temperature
- Good heat transfer
- Installation distance and type of installation freely selectable
- Heating pipes are oxygen-tight thanks to EVOH layer in accordance with DIN 4726

Did you know?

IVT supplied 33,000 metres of ECO-FLEX surface heating pipe for the largest wooden industrial hall in Europe, "GreenRock" in Neuötting.



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IVT GMBH & CO. KG

Gewerbering Nord 5
D-91189 Rohr

Headquarter

Tel.: +49 9876 9786-0
E-Mail: info@ivt-group.com

Sales Service Team

Tel.: +49 9876 9786-97
E-Mail: verkauf@ivt-group.com

Technical support

Tel.: +49 9876 9786-60
E-Mail: technik@ivt-group.com

Design service

Tel.: +49 9876 9786-120
E-Mail: planung@ivt-group.com

Accounting

Tel.: +49 9876 9786-902
E-Mail: bonitaet@ivt-group.com

Opening hours logistics

Mon. – Thurs.: 7:00 a.m. – 18:00 p.m.
Fri.: 7:00 a.m. – 17:00 p.m.

IVT GES.M.B.H. & CO. KG

Deutschstraße 15
AT-1230 Vienna

Logistics

Tel.: +43 1 616 6865-20
E-Mail: info@ivt-group.com

Opening hours logistics

Mon. – Thurs.: 7:00 a.m. – 18:00 p.m.
Fri.: 7:00 a.m. – 16:00 p.m.