



Efficient  
production of  
pipe systems...

with PipeFAB, the  
intelligent software  
solution for your pipe production



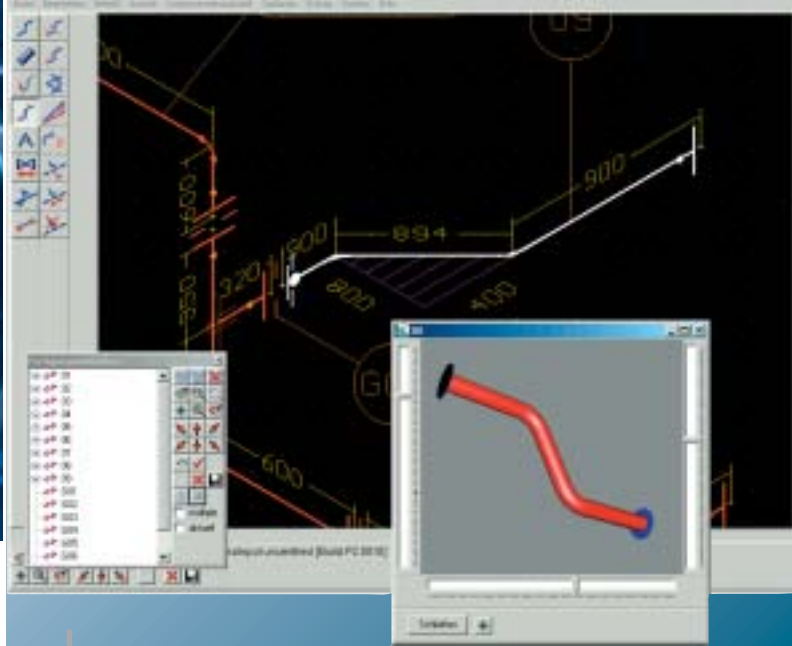
TRACTO-TECHNIK  
SoftwareDevelopment



The GRUNDORAM for installing steel pipes up to DN 4000 and the GRUNDOMAT soil displacement hammer for house connections and crossings.



Pipes up to DN 600 are installed over a length of 500 m with the directional drilling system GRUNDODRILL.



The PipeFAB software solution for efficient pipe production.



A real classic for more than 30 years: the pipe/tube processing machine TUBOMAT 642.

**TRACTO-TECHNIK Group of companies**

**With good ideas and practice-oriented solutions straight to the top**

TRACTO-TECHNIK was founded in 1962 by the engineer Paul Schmidt. With its motto "Your first choice for perfect pipe installation", TRACTO-TECHNIK combines high demands with the reality in the tube and pipe processing technique as well as in underground line installation. Today, the company belongs to the worldwide leading manufacturers of special machines in both domains.



Company founder  
Dipl.-Ing.  
Paul Schmidt

Innovative ideas and quality-awareness when developing new products and services as well as a distinctive customer and market orientation are the centre of all company efforts. Many awards and more than 330 patents give evidence of this claim, and TRACTO-TECHNIK is listed with the "Hidden Champions", as Prof. Hermann Simon calls the company in his book with the same title. TT also repeatedly belongs to the circle of most innovative companies of the German middle-class, the "TOP 100 Germany".



The highest aim of the TRACTO-TECHNIK GmbH has always been and will always be, to offer complete future- and practice-oriented system solutions of high applicability to the customers. Bearing this aim in mind, we have founded the TRACTO-TECHNIK SoftwareDevelopment (TT-SD). TT-SD develops system-overlapping software products for pipe production and also offers tailor-made IT services to their customers.

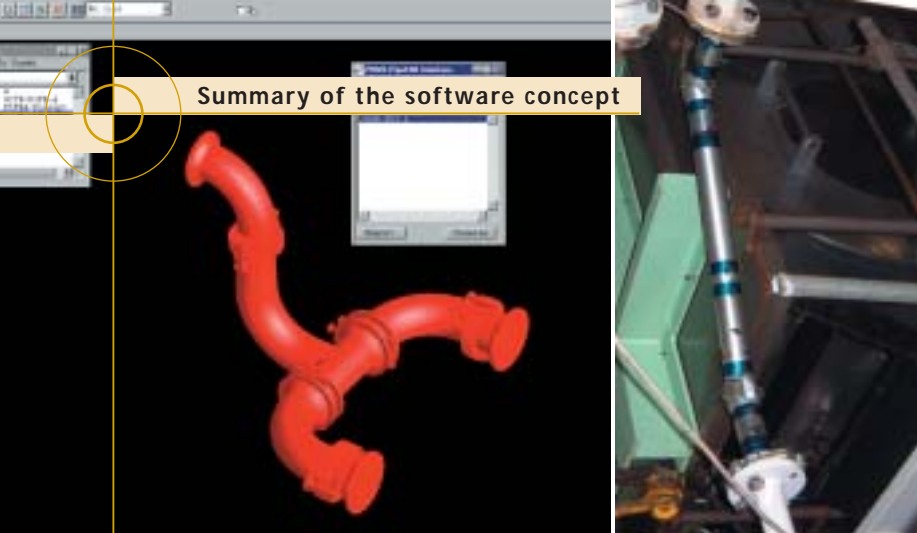
The constantly growing know-how of over 500 employees in 5 plants and numerous branches of the TRACTO-TECHNIK Corporate Group, together with the company-own developments of machine technique and software, make Tracto-Technik one competent contact partner for all questions concerning pipe production.

Are you looking for the solution to your problems? Then take our word for it!

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Summary of the software concept



PipeFAB connects...



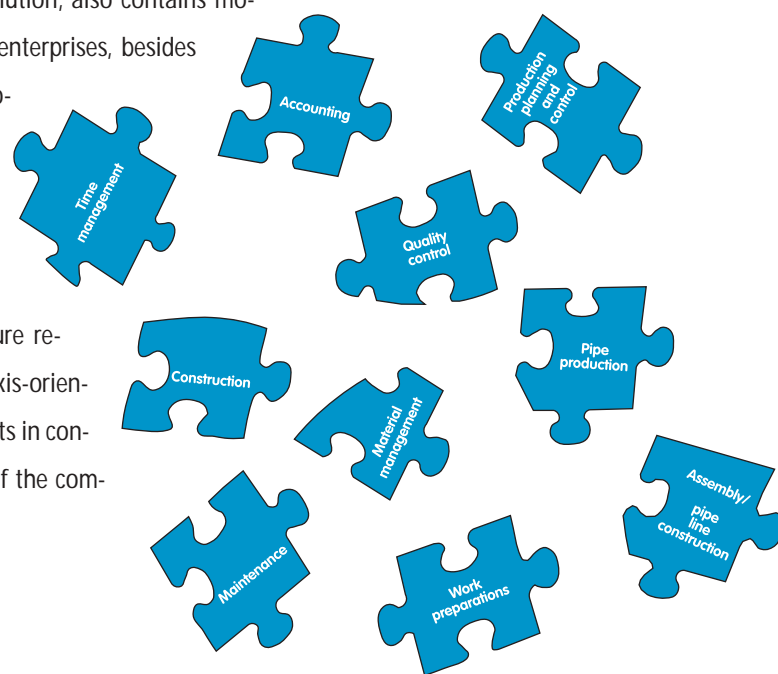
PipeFAB integrates...

Summary of the software concept  
**Higher productivity through integration**

Optimised work preparation and carrying-out is a basic pre-condition for expense reduction in pipe line construction, i.e. in shipbuilding and terotechnology. Here, the consequent realisation of technical innovation in working processes is not the only concern, the electronic processing of data is also of great importance. With software products based on modern IT technology, Tracto-Technik supports and optimises all working processes in pipe line construction.

The strategy, designed as an integrated complete solution, also contains modules for data exchange overlapping locations and enterprises, besides the effective software tools for all domains of pipe production – from calculation to construction, work preparations, production, assembly and finally to accounting.

A remarkable reduction of work and time expenditure results from the flexible use of the easy-to-handle, praxis-oriented application solutions in pipe production. This results in considerable cost savings and thus to an improvement of the competitive position.



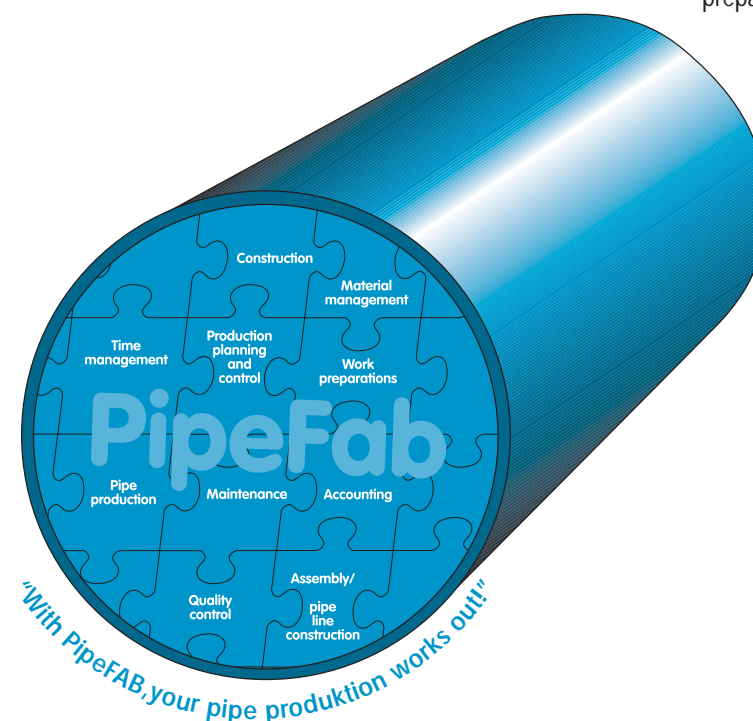
The products

**Cost-optimised production with IsoFAB/PipeFAB**

The IsoFAB and PipeFAB applications are the centrepieces of the Tracto-Technik software range. They are software products, designed in modular system, for planning and organising rational process courses in pipe production and pre-production. Single components and interfaces can be added, according to your special requirements.

While IsoFAB contains all functions for drawing up isometries on the base of the stored material lists or detailed estimates, the complete PipeFAB pack contains all the tools necessary for pipe line planning, production, accounting and maintenance. The software combines the isometry construction and data take-over from CAD systems, work preparation and production control for pipe (pre)production, organises material and time management and supplies all required engineering data for the pipe workshop.

PipeFAB guarantees a quick and cost-effective calculation of all production data and an effective organisation and control of complex production processes in pipe fabrication and pre-fabrication.

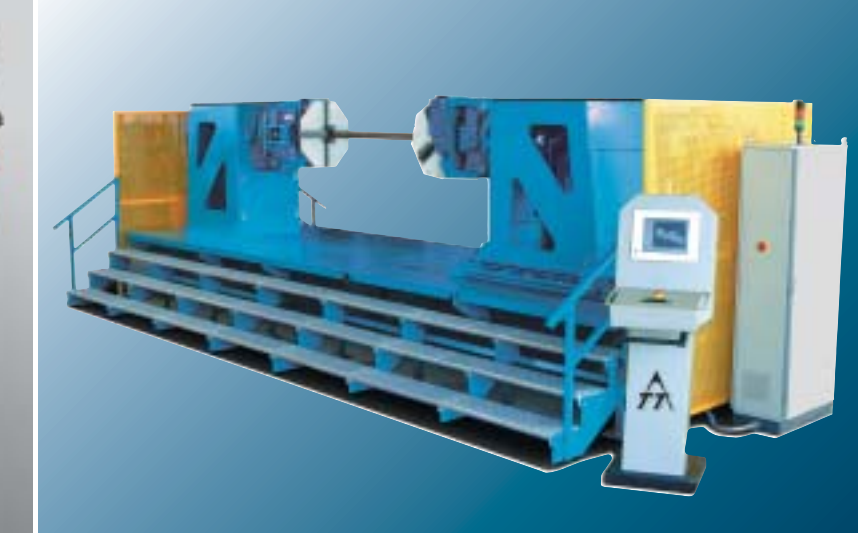
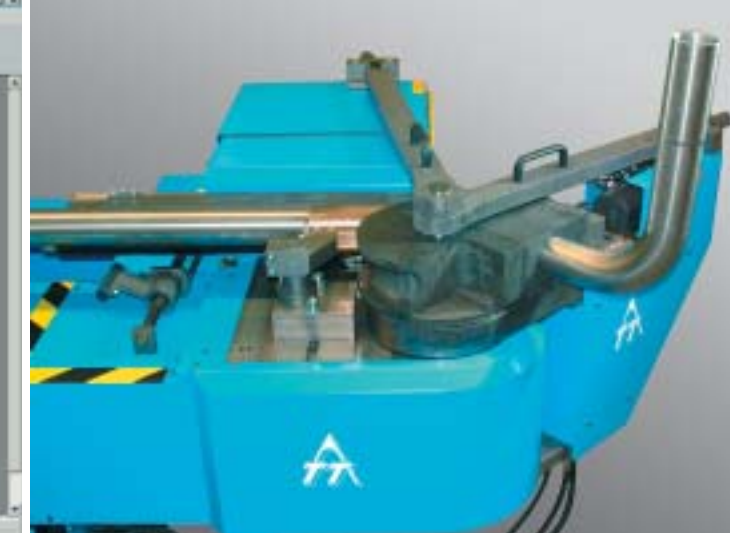


Projekt: **Customer advantage** DFLT Seite: 1 von: 1  
 Bereich: Anfertigung

Benennung: Test-Isometrie

Arb'g	No.-St.	Arbeitsumfang/Arbeitsvorgang	Arb.-Plz.	Vorgabzeit	Zusatz
Rohr 01 bis 03					
1	1211	Fla. füg.	ARB	29,10	
2	1211	Fl. schw. 80	SCHW	48,60	
3	1211	Rohr sg. 60.3, Rohr sg. 88.9	SG	15,50	
4	1211	1x Rd.-N.60.3, 7x Rd.-N.88.9	SCHW	83,60	
Summe der Vorgabzeiten:				176,80	

Linie	Stück	Bezeichnung	Früh	Abend	Lang	Da	St	NCV
1001001	1	Fla. füg.	40					
1001002	1	Fl. schw. 80	40					
1001003	1	Rohr sg. 60.3, Rohr sg. 88.9	40					
1001004	7	1x Rd.-N.60.3, 7x Rd.-N.88.9	40					



PipeFAB organises...

PipeFAB produces...

In combination with ERP/MRP-systems, PDM-systems and especially standard accountancy systems, all data and isometries necessary for carrying out the project and its control are produced, working packs are created, production times and costs are determined, additional material is calculated and work schedules are set up. All results for project and data management, quality control and NC machine triggering are available as automated, in other words, machine-readable files.

You can equip single working places with the necessary system components, but also install complete database-supported client/server systems, with all working places linked together.

Within the surrounding field of these products, we can also offer our service in supporting our customers in technical matters (software maintenance, training and customer-specific adaptation) as well as advisory help and a variety of IT services.

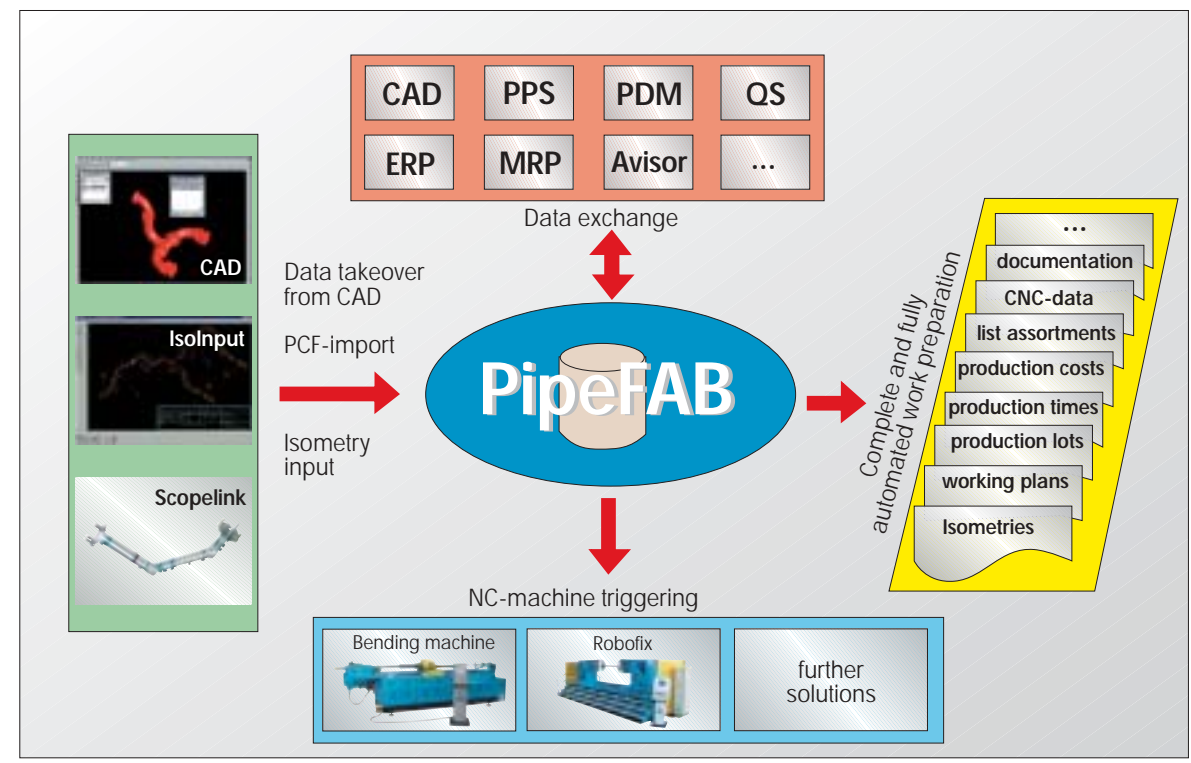
**Customer advantage in practice**  
**Take advantage of the competitive support granted by PipeFAB**

Why not make pipe production in your business more effective by taking advantage of the merits of PipeFAB?

- Data processing starts early in the working process and integrates all working steps of pipe production
- Time-saving when drawing up isometries, whether you enter values directly or take over CAD data
- Automatic generation of all engineering data, lists, work plans etc.
- Automatic calculation of production times, production costs and machine utilisation
- Quality management support and improvement of the documentation
- Minimization of the machining times in the pipe workshop
- The software is based on wide-spread standards with future prospects, but at the same time, it can be flexibly adapted to changing requirements or customer-specific demands
- All relevant data are stored inside a central database in a structured manner
- The project can be checked at any time, due to the integrated status query
- Visual bending simulation with automatic collision control
- Robust design, system stability and compatibility of all components
- Clearly laid out for simple operation

With PipeFAB, you have the universal solution for rationalising your pipe workshop at hand, thus taking competitive advantages!

You may want to take a few moments to visit our Internet Website [www.tracto-technik.de](http://www.tracto-technik.de) or ask us for our references!





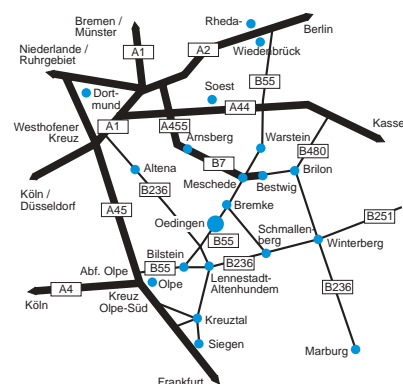
## Pipe Bending Technology Forum Know-How for Users

The "Pipe Bending Technology Forum" is a great success every year. A large number of participants from different branches of industry are informed in detail about the current developments in tube and pipe bending technology. These events aim to provide know-how and offer the user optimal technical solutions. An extensive and interesting program is offered in theory and practice.

The lectures are supplemented by contributions of competent guest speakers. Please ask for information on our next seminar now.



### How to get to TRACTO-TECHNIK SoftwareDevelopment Lübeck:



Our worldwide sales network provides the fastest possible local service.

Please contact us - we most certainly have the right solution for your pipe processing needs.

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*The only choice  
for perfect pipe  
installation.*

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Your TUBOMAT partner