

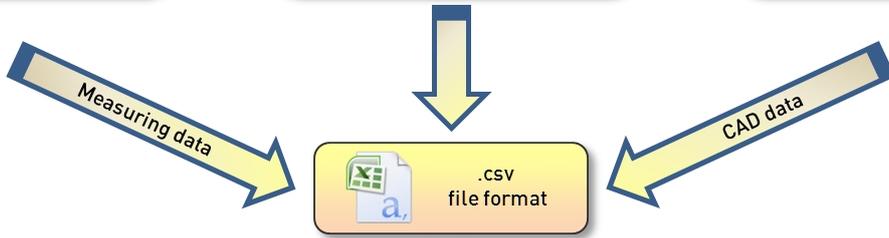
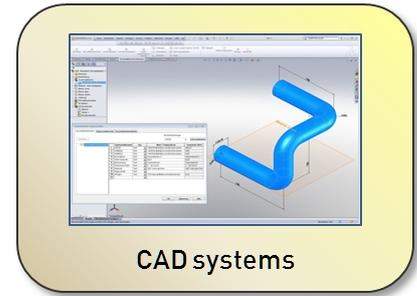
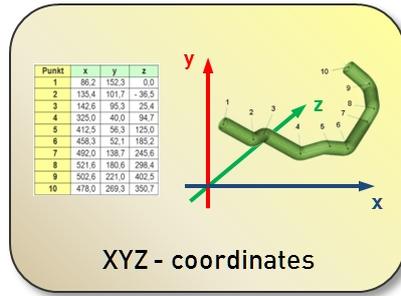
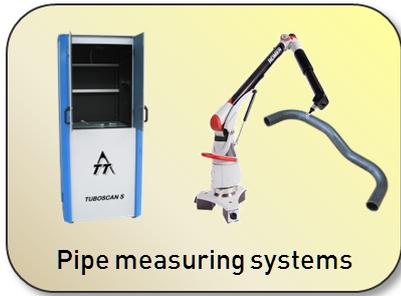
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Pipe bending software

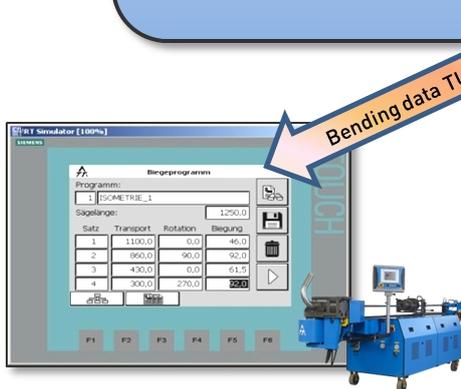
# PIPEFAB 4.0 BE

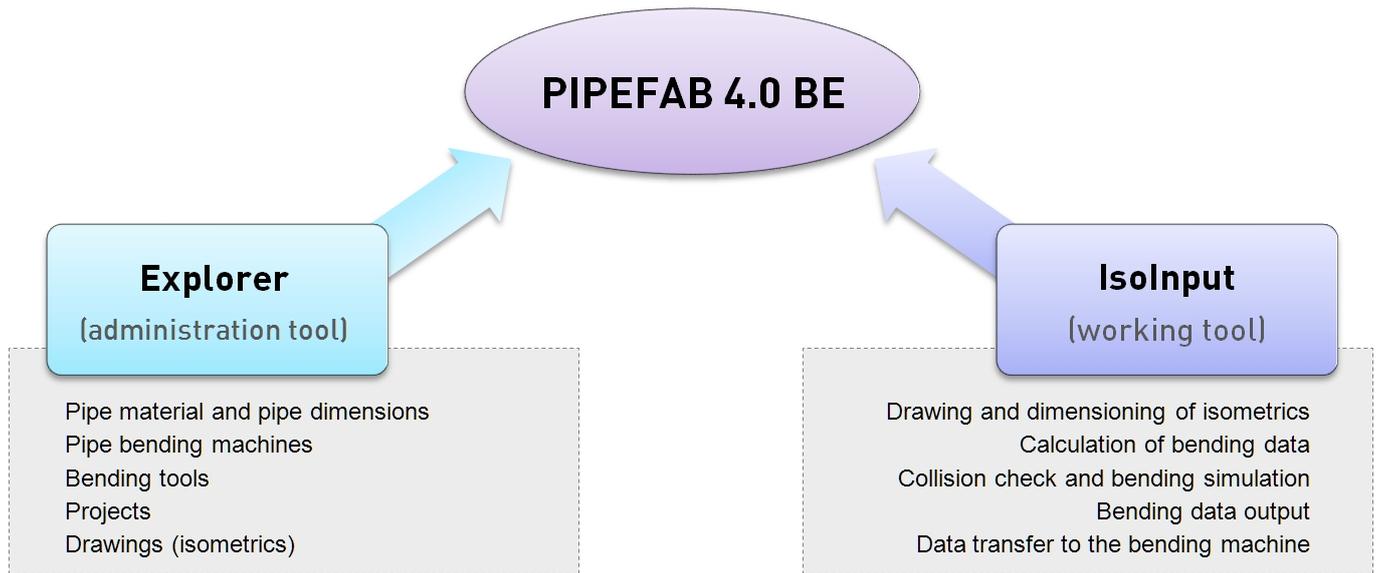




**PIPEFAB 4.0 BE**

- Input and dimensioning of pipe isometrics
- Data takeover from various sources by .csv data import
- Assignment of material data, bending machine and bending tools
- Calculation and tabular output of x,y,z - coordinates and (LRA-) bending data
- 3D view of the pipe shape
- Collision checks for the bending machine
- NC / CNC data transfer to TUBOBEND / TUBOTRON pipe bending machines

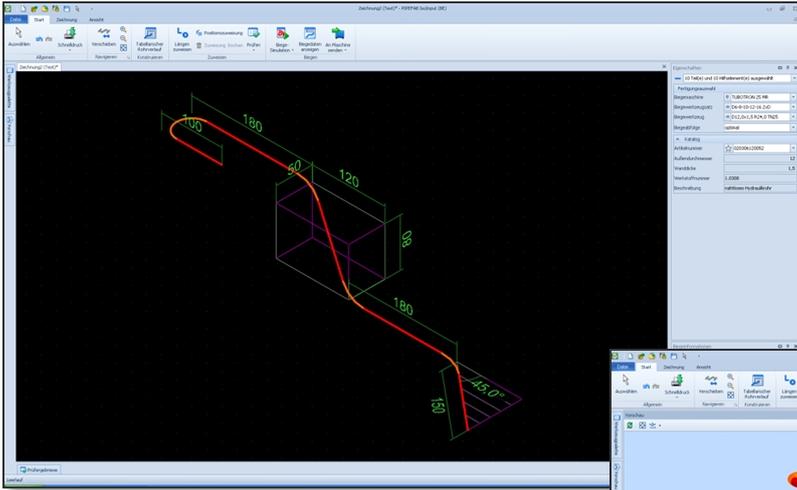




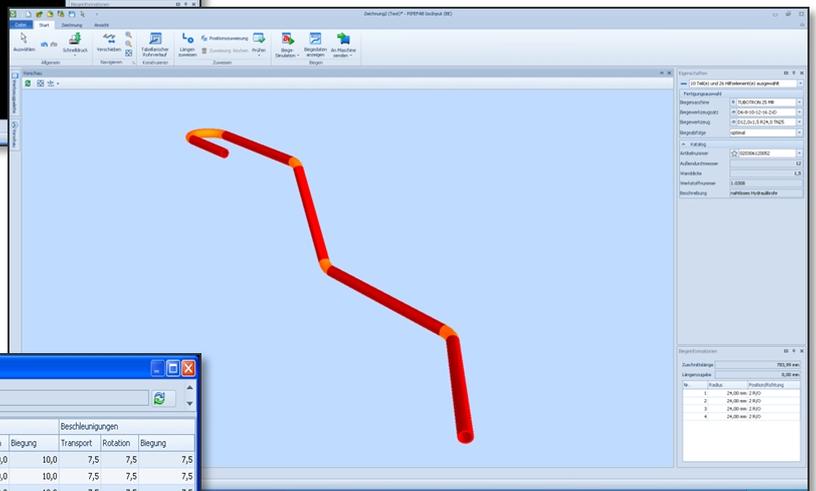
| Scope of functions                                                                          | <i>Starter package</i>                                  | <i>Basic package</i> | <i>Comfort package</i> | <i>Comfort+ package</i> |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------|------------------------|-------------------------|
| Oracle Express data base (single-user application)                                          | x                                                       | x                    | x                      | x                       |
| Administration of pipe materials, bending machines and bending tools, projects and drawings | x                                                       | x                    | x                      | x                       |
| Drawing and dimensioning of isometrics (single pipes)                                       | x                                                       | x                    | x                      | x                       |
| Calculation of bending data                                                                 | x                                                       | x                    | x                      | x                       |
| Verification of clamping, initial and end length                                            | x                                                       | x                    | x                      | x                       |
| Bending data output (print)                                                                 | x                                                       | x                    | x                      | x                       |
| CSV data import                                                                             | o                                                       | x                    | x                      | x                       |
| CSV data export                                                                             | -                                                       | o                    | x                      | x                       |
| Graphic bending simulation (parametric tool design)                                         | o                                                       | x                    | x                      | -                       |
| Graphic bending simulation (geometric tool design *)                                        | -                                                       | -                    | -                      | x                       |
| Generation and transfer of NC bending data (TUBOBEND)                                       | -                                                       | x                    | -                      | -                       |
| Generation and transfer of CNC bending data (TUBOTRON)                                      | -                                                       | -                    | x                      | x                       |
| 3D view of the pipe shape                                                                   | -                                                       | o                    | x                      | x                       |
| Follow-up license                                                                           | o                                                       | o                    | o                      | o                       |
| Client-server installation                                                                  | -                                                       | o                    | o                      | o                       |
| * Generation of geometric tool data has to occur by Tracto-Technik                          | x included<br>o optionally available<br>- not available |                      |                        |                         |



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Drawing and dimensioning of pipe isometrics



3D view of the pipe shape

Biagedaten ändern

Zeichnungsname: .....

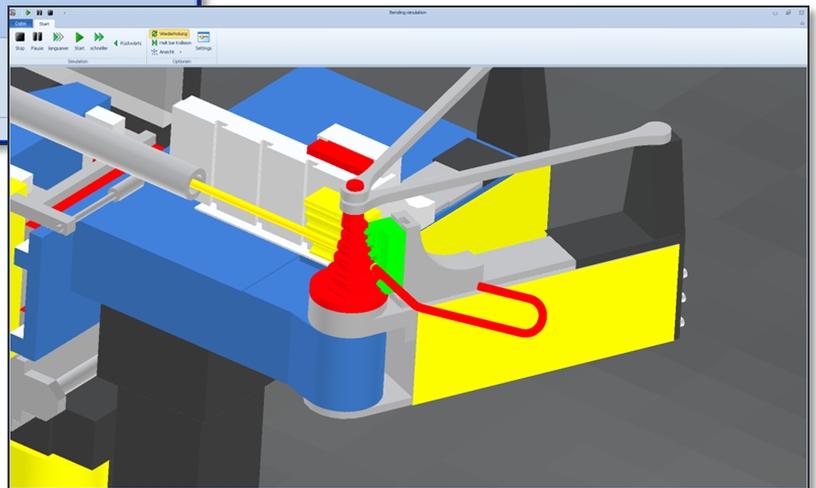
| Satz Nr. | Biagedaten |          |         | Werkzeug   | Ablaufparameter | Geschwindigkeiten |                   |                      | Beschleunigungen       |              |           |          |         |     |
|----------|------------|----------|---------|------------|-----------------|-------------------|-------------------|----------------------|------------------------|--------------|-----------|----------|---------|-----|
|          | Transport  | Rotation | Biegung |            |                 | Rückfederung      | Richtung/Position | Öffnungsweg Klemmung | Öffnungsweg Gleitstück | Ausstoßlänge | Transport | Rotation | Biegung |     |
| 1        | 708,69 mm  | 0,0°     | 183,9°  | 3,9° 2 R/O |                 | 35,00 mm          | 5,00 mm           | 0,00 mm              | 10,0                   | 10,0         | 10,0      | 7,5      | 7,5     | 7,5 |
| 2        | 487,22 mm  | -302,0°  | 39,3°   | 1,1° 2 R/O |                 | 35,00 mm          | 5,00 mm           | 0,00 mm              | 10,0                   | 10,0         | 10,0      | 7,5      | 7,5     | 7,5 |
| 3        | 335,73 mm  | 122,0°   | 39,3°   | 1,1° 2 R/O |                 | 35,00 mm          | 5,00 mm           | 0,00 mm              | 10,0                   | 10,0         | 10,0      | 7,5      | 7,5     | 7,5 |
| 4        | 158,55 mm  | -360,0°  | 46,2°   | 1,2° 2 R/O |                 | 35,00 mm          | 5,00 mm           | 0,00 mm              | 10,0                   | 10,0         | 10,0      | 7,5      | 7,5     | 7,5 |

Startposition:

Transportposition vor letzter Biegung:

Vorverdrehung Rotationsachse:

Editing / modification of pipe bending data



Collision check and bending simulation

Photos, text and illustrations are subject to change.  
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