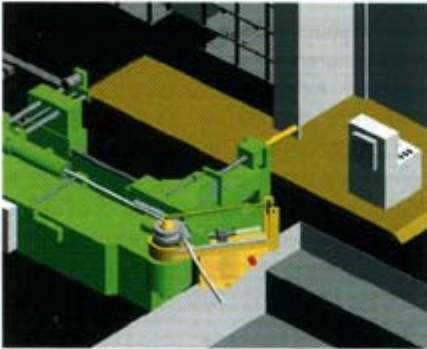


3R Software Solutions

Germany

3F06

3R Software Solutions offer an extended software systems range to assist, plan and advance tube production and construction. Typical applications involve standard tubes, but the software also caters for hydraulic tubes and pneumatic tubes in chemical, naval, vehicle and aircraft construction. With 30 years experience of implementing the system at customer facilities, the company promotes a strong integration between construction, workshop and assembly and thus an effective control of material flow.



① 3R Software Solutions will present its range of software packages, for integrated tube and pipe manufacture

Construction activities are carried out using the 3R Software systems. It is also possible to take on data from other systems, including AutoCad, Bravo, Catia, Tribon, Unigraphics and Medusa. Furthermore, geometrical data from other 2D and 3D systems can be imported via DXF format.

The configurable software works with tried and tested intuitive user guidance, enabling fast and problem-free integration into the workshop. Expert functions assist the construction and allow, for example, a fully automated production of bundles or management of related activities such as tube heating.

The software operates with freely configurable and mainly user-specific control data from elements (tubes, flanges, bends etc). The calculation of speed and output, taking into account both method and machinery, makes the system suitable for the construction of complex projects.

For work preparation, the system can flexibly calculate the work that will arise. The system provides initial calculation based on a tube machinery run, followed by in-depth analysis of the time allocation for each work element, so that work-load planning can be made in advance. By transferring control data directly to machinery, it is possible to avoid mistakes in data transmission.

For bending machines, simulation software also uses a simple interface with the possibility of ensuring efficient production during the construction of tube bending systems.

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