RAUCH CUSTOMIZED ENGINEERING

Visualisation touch panel

Customized Engineering

Customized Engineering enables the realization of your project according to your wishes.

During each project, an experienced team is available for our customers, which lasts from sales and project planning, mechanical and electrical construction, software and customer service to the point of after sales support.
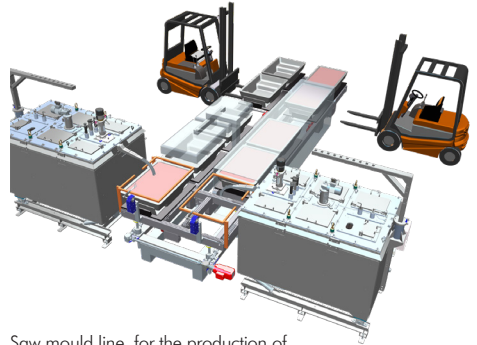
Following steps are executed for the realization of a project

- Call for bids: The tender preparation occurs with a detailed description of our products, which are elaborated due to the customer requests and are displayed as a 3D Layout. A ROI- (Return on Investment) and a TCO- (Total Cost of Ownership) calculation for the presentation of the efficiency of the project are made on demand (especially for recycling systems).

- Project management: For an perfect respond of your needs, the direct customer contact is very important for us. Due to this reason, every project has an assigned project team, which provides the necessary information for the customer, to realize the desired system.

- Installation: Executed by company Rauch. Therefor very experienced and good trained/educated technicians are available, who transfer the system into an optimized operating mode.

- After Sales: Even after the installation period we are at your disposal. Beside the user and maintenance manuals on a data storage medium, which are on a worldwide leading standard according to interactivity, exploded assembly drawings and FAQ lists, we have an After Sales Department, which provides an active support and is available in the run-up phase for the production monitoring.

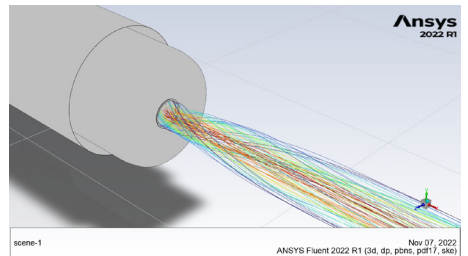# RAUCH CUSTOMIZED ENGINEERING

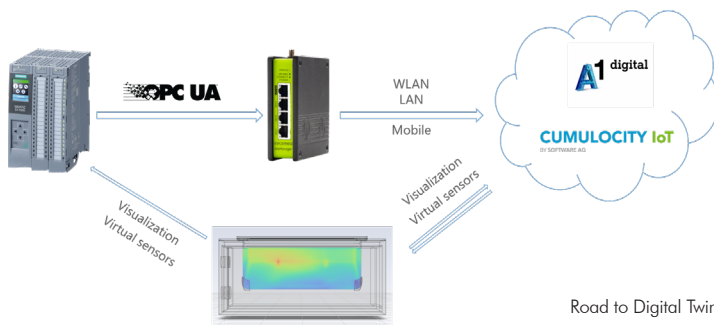## Innovative technology for future-oriented customers:

- 3D CAD/CAE Design with PTC CREO

- Electric schematics with E-Plan

- Software Engineering with latest Siemens Technology or control units of choice

- CFD and FEM Simulations with ANSYS

- Precise Combustion and Conjugate Heat Transfer calculations

- Remote Maintenance

- Real-Time data logging with customized visualization

- Coupling of measured data with virtual sensors based on real-time calculations (Digital Twin)

Saw mould line, for the production of alloying additions in ingot shape

Simulation

Road to Digital Twin