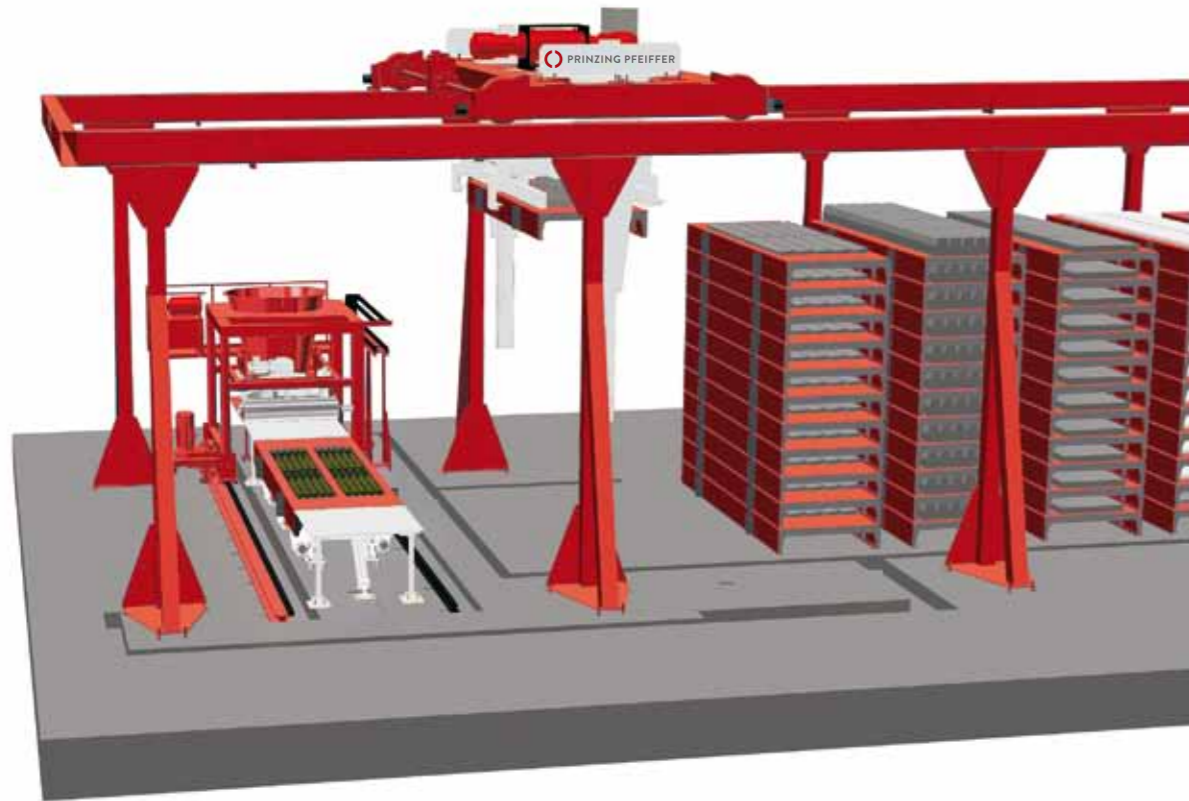


# ZELUS

## Automatic production line for a wide range of concrete products



The production system **ZELUS** is fully automated having a high degree of efficiency allowing a closed cycle carousel for a wide range of precast and wet cast products. A crane robot manages the automated handling of up to 130 battery style moulds to racking in an 8 hour working period, then subsequently acting as a demoulding tool. This circular system delivers high quality and a greater output of a range of products previously limited to inefficient static moulds.

**ZELUS** has the capability and capacity to produce a wide range of oblique product shapes up to 1 m high x 3 m width x 6 m length with a weight reaching to 5000 kg.

This highly efficient line has an exact dosing system for the precise filling of individual moulds mounted within carrier frames which act as transport pallets to convey newly made product to a curing rack. An alternative SCC (self compacting concrete) dosing method can also be implemented. A filling depth tolerance of +/- 1 mm is maintained on the finished product.

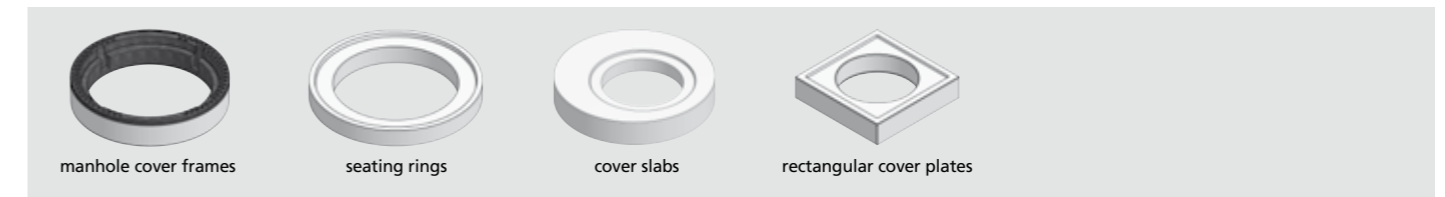
### Product Capabilities:

- Sills
- Slabs
- Covers
- Road barriers
- U-Channels
- Cellar wing walls
- Cattle slats
- Retaining walls

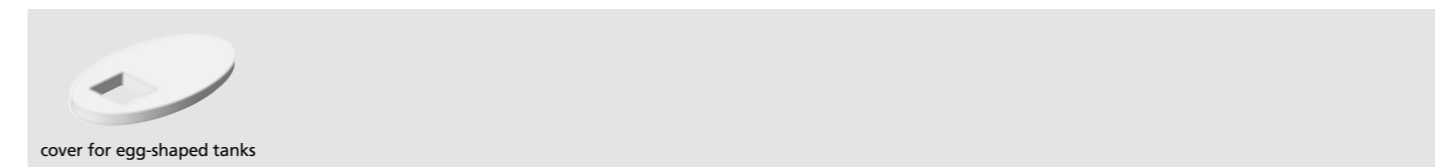
### Capacity data

Product dimensions max.	6.000 x 3.000 x 1.200 mm
Lengths max.	6.000 mm
Product weight max.	1 - 5000 kg
Cycle times	3 - 5 min

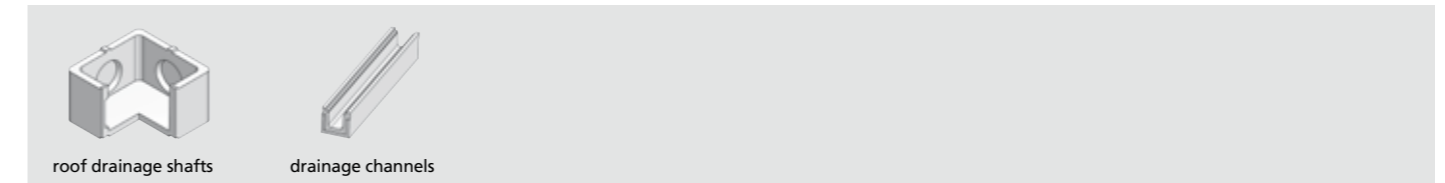
The ZELUS is very well suited for the production of  
Products for sewerage



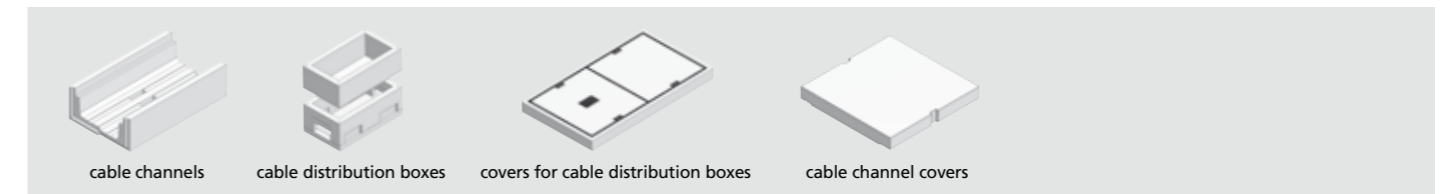
Products for sewage water treatment and rainwater utilization system



Products for drainage



Products for power supply ducts and telecommunication



Other concrete products

