



Straight, conical, curved roll formed products, flexibility from ORTIC

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# Ortic Group – A group is formed

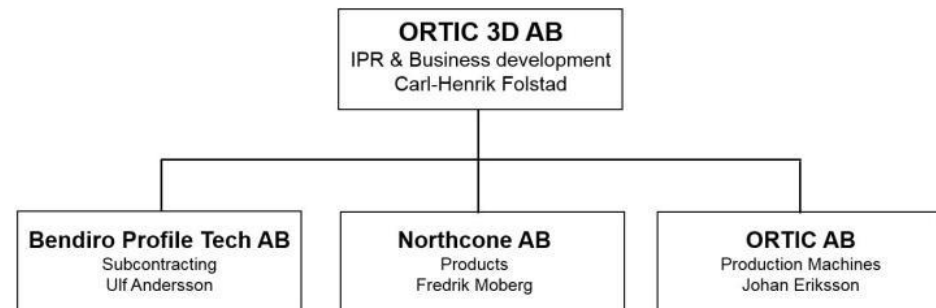


- 1984 - Ortic AB is founded
- 2001-2005 – Extensive patent portfolio built up to commercialise the technology, including application areas outside of metal roofing
- 2006 - ORTIC Group formed
- 2008 - Bendiro Profile Tech AB acquired
- 2009 - Northcone AB founded



ORTIC Group is, today, the leading roll forming Group within the Nordic region:

- Largest in Sweden and second-largest in the Nordic region for:
  - ✓ Contract manufacturing
  - ✓ Machine construction
- First own product launched (lighting column)
- Advanced and unique technical solutions
- Over the years built, around 70 production lines



## **TurnKey production lines for straight products (experience, more than 70 production lines made by ORTIC)**

### **Production data, example**

- 18 meters per minute
- From coil to ready to use product
- Pre-painted material



Production line for rain water system



## Turn key production lines for conical products

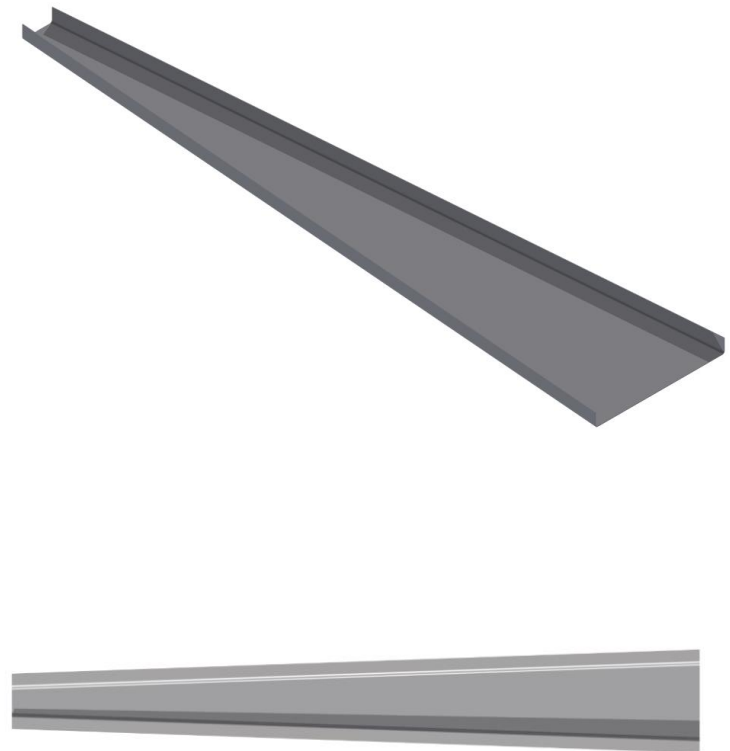
### Production data

- Different size of conical columns without change tools
- Length from 2 meters up to 12 meter
- Production from blanks
- Production speed, 5 meters per minute
- Laser welding
- Thickness between 2.5 – 3.0 mm



Production line for conical light columns, located in Borlänge, Sweden

## Examples of conical products





## Turnkey production lines for profile with variable cross-section



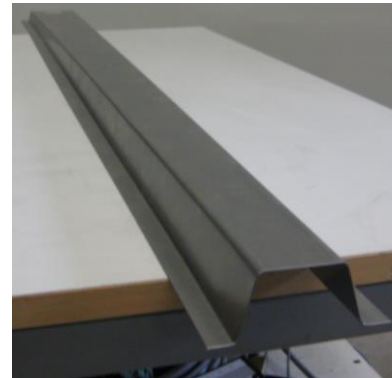
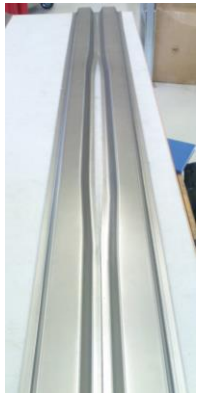
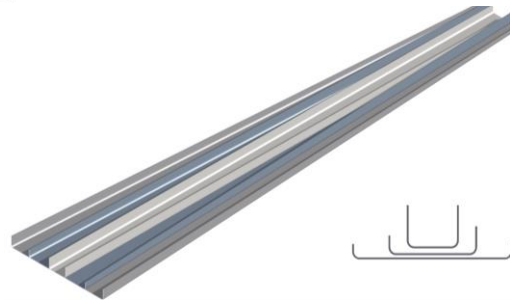
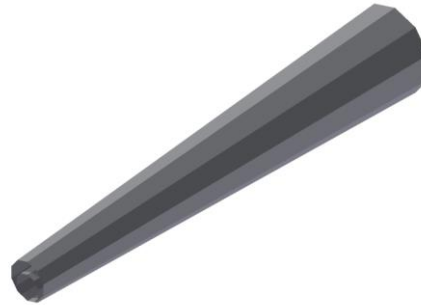
Mobile production line for profiles for roofs and walls

### Production data

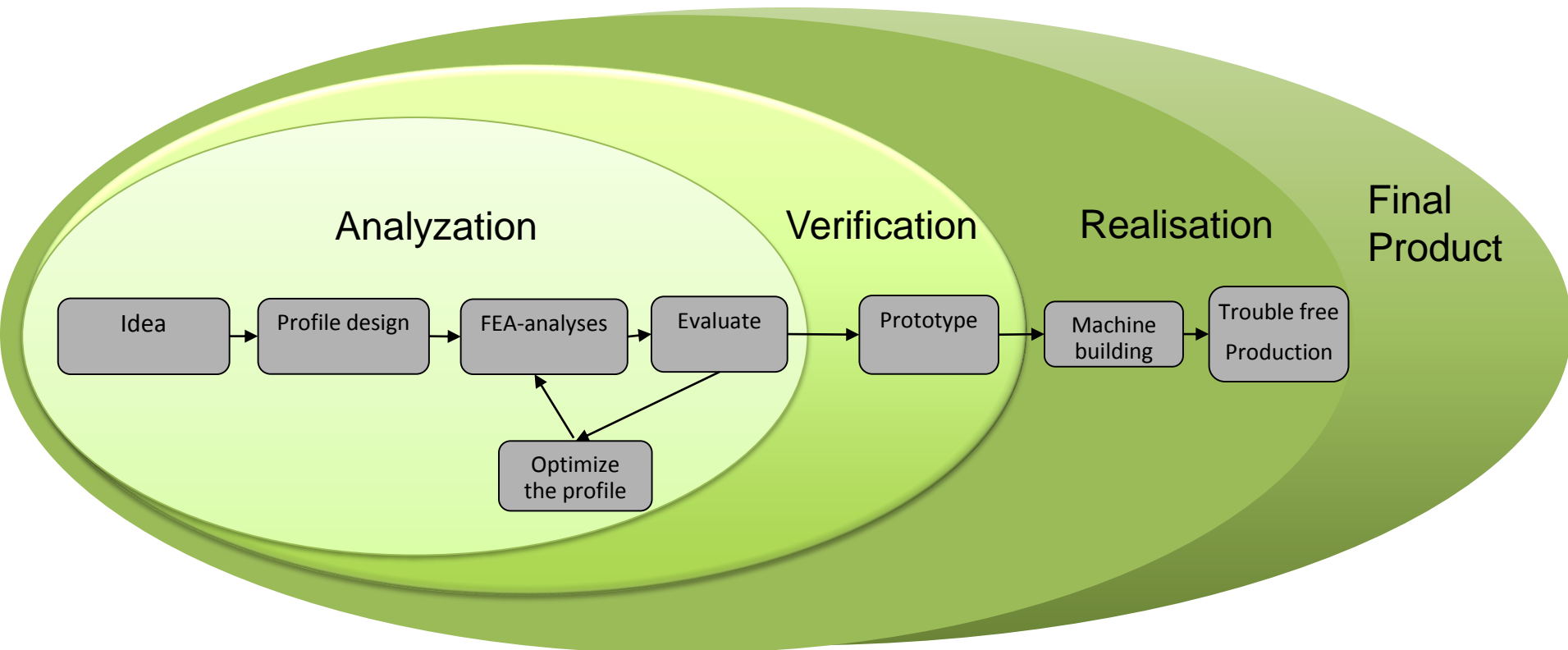
- Example, 1500 different profiles on one building no tool change, only change the profile in the control system
- Length from 2 meters up to 100 meter
- Production speed, up to 60 meters per minute depending on the shape of the profile



## Which is your next 3D Roll formed product?



**ORTIC, the partner from Idea to Turn Key Machinery and High Efficient Production**





## Possibility (Analyze and verification)

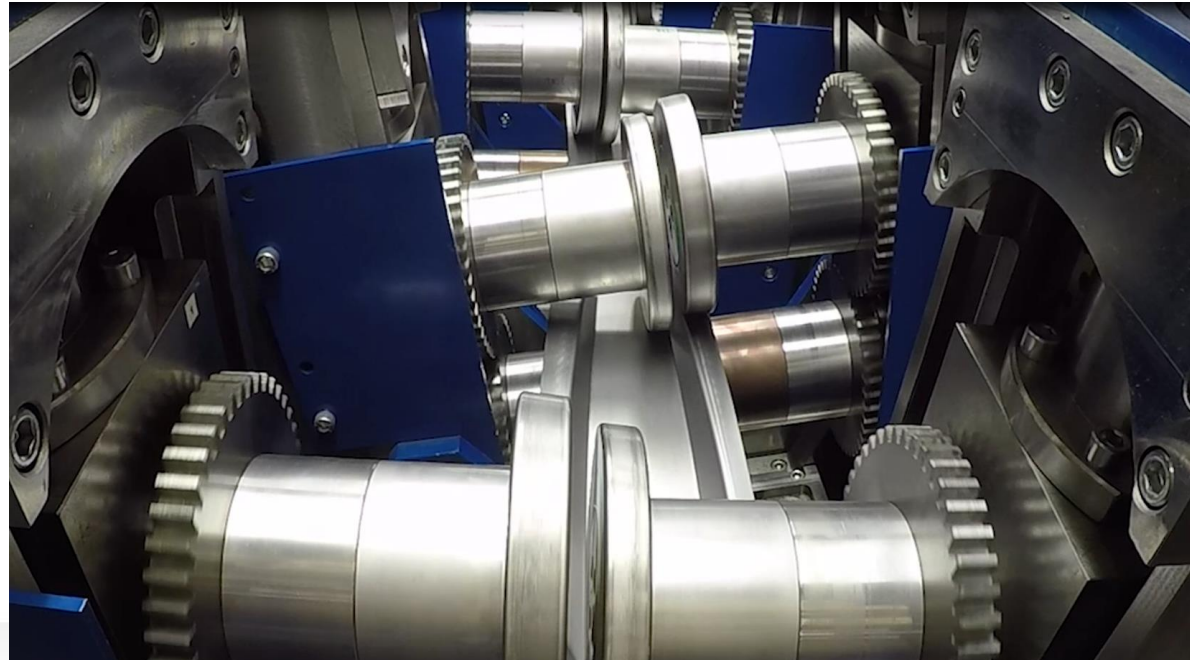
make your first simulations (FEA) and test production of 3D roll formed profiles in Borlänge, Sweden

- Verifying simulations/Optimize design
- Creating Profiles/Prototypes/Small series production
- All metal materials
- Thickness up to ~2 mm
- Highest Strength Steels

Test production of a profile for an OEM



3D Roll forming machine located in Borlänge for test production of hat-profiles



For more information

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