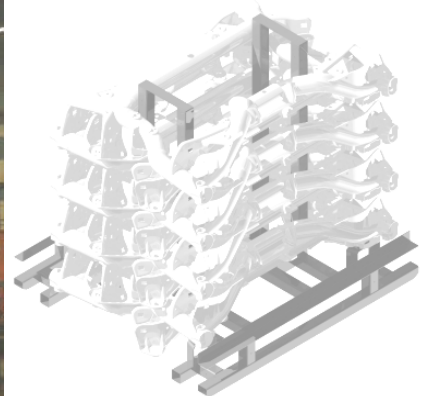


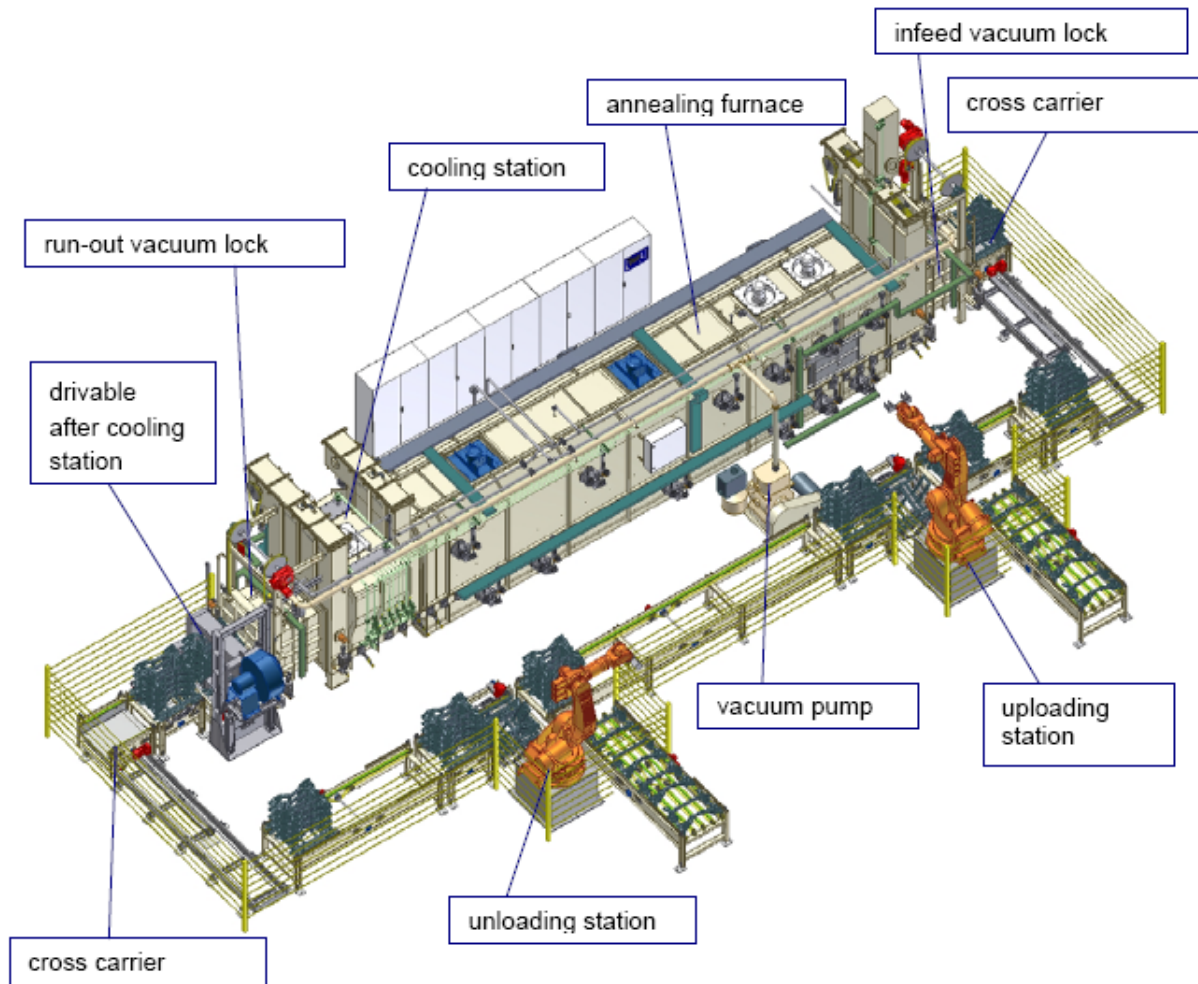
## furnace plant for low-stress-annealing



- soft annealing
- recrystallization annealing



## layout of annealing furnace plant



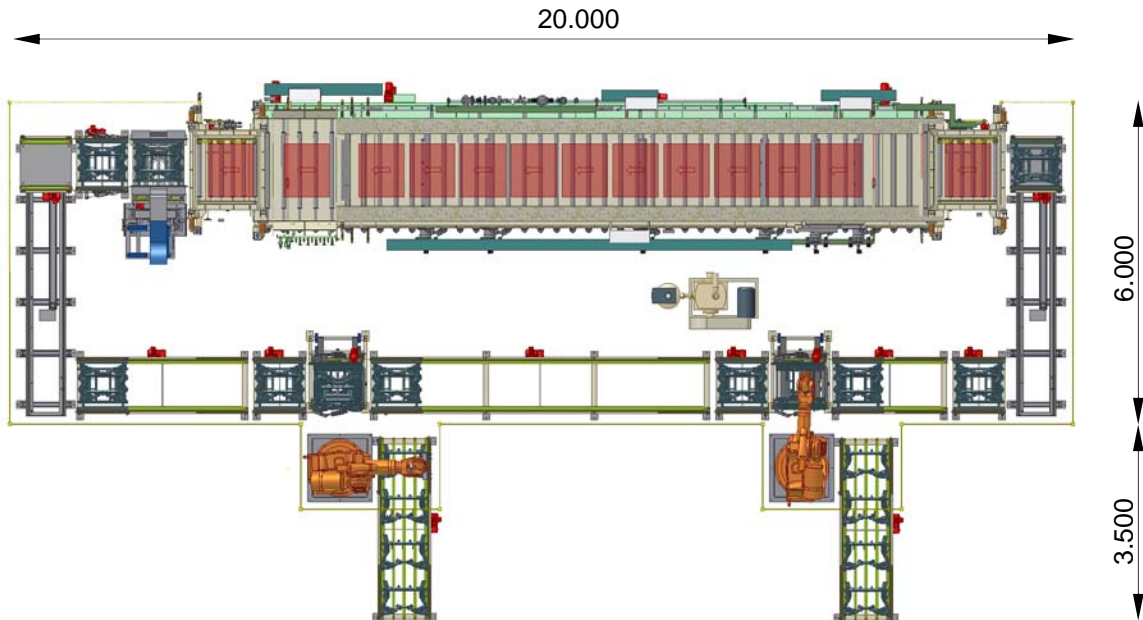
### Advantage:

This furnace plant will be used for low-stress-annealing of steel profiles.

In annealing furnace there are infeed- and run-out locks also cooling station already integrated, so that appropriate assembling is not applicable but coeval unproblematic implementation possibility is applicable!

By vacuum lock oxygen will be drawn completely, thereby no scaling could be produced at inner area of components.

## section of annealing furnace plant



### Technical data:

power:	1200 kg/h
furnace temperature:	max. 750°C
charge dimensions:	930 x 850 x 850 mm [l x b x h]
charge weight	max. 650 kg
cycle time:	min.6 min
refrigeration gradient:	1,5 K/s (cooling section)
refrigeration [at gastight cooling station]:	from 750°C down to 150°C
cooling time:	200 s (3 min 20 s)
cooling section – effective length:	1250 mm
furnace atmosphere:	nitrogen
places in furnace:	
• in vacuum lock (infeed)	1 place
• in annealing furnace	11 places
• in cooling station	1 place
• in vacuum lock (run-out)	1 place

## TWO STRONG PARTNERS FOR YOU:

### OUR SOLUTION FOR YOUR BUSINESS

#### SRS Industrieofenbau GmbH & Co.KG

The company SRS Industrieofenbau GmbH & Co. KG is your partner for complete solutions in industrial applications since 1994:

#### YOUR APPLICATION:

- tempering
- annealing
- normalization
- case-hardening
- carbonization
- gas carburizing
- austenitization
- hardening, with press too for distortion-low quenching
- thermal degrease

#### OUR CUSTOMERS:

- automotive engineering
- gear manufacturing
- contract heat treatment workshops
- forgings
- steel- and rolling/mill -works
- tool manufacture and mechanical engineering

#### OUR HIGHLIGHTS:

- reel hearth furnace plants
- roller hearth furnace plants
- gas carburizing plants
- chamber furnace plants
- rotary hearth furnace plants
- quenching baths / air quenching
- charging plants / charging appliances
- handling technics / robots
- inner welding machines for coils
- rebuildings and modernizations of old furnace plants
- automation and electrical switch systems
- technical staff for mounting and maintenance
- certificated like:  
DIN EN ISO 9001:2008

### THE PROFESSIONAL PRODUCTION COMPANY

#### SCHORISCH Magis GmbH

SCHORISCH Magis is a company for superior steel plant building and steel hydraulic engineering located at Karstädt / Prignitz (Brandenburg). A great scope of small steel components up to complete industrial furnace plants is produced at this company.



#### OUR HIGHLIGHTS:

- production area 5.000m<sup>2</sup>
- 75 staff members
- all welders with welding certifications
- own plasma/autogen-flame cutting plant
- mechanical production
- certificated like:  
DIN EN ISO 9001:2008  
DIN EN ISO 3834-2  
DIN 18800-7 class E, producer qualification  
DIN 2303 Q1, technical army items  
DIN 15085 -2, rail administration  
penetrant testing PT1 / PT2