



In cooperation  
with

  
**WECKENMANN**

FUTURE IN SERIAL  
PRODUCTION.

# YOUR CHALLENGE IS OUR STIMULUS.



Up to 600,000 concrete sleepers leave the plant in Aschaffenburg (Germany) annually. Thanks to a sophisticated logistics and storage concept, up to 120,000 sleepers are in stock and guarantee high availability.

What is imaginable also is feasible! You require a plant for sleepers or turnout bearers? For ballasted track, ballastless track or other alternative track types? A complete plant construction solution or an integration into an existing site? A manual process or highly automated? You have to consider particularly demanding climatic conditions and still want a smoothly functioning system? And of course time is short? Together with you and for you, we will find the optimum solution, customized for your requirements.

Wherever new transport projects are realized, state-of-the-art plants with high availability and guaranteed reliability are the most important basis for your economic and sustainable success.

## WITH A RAIL.ONE PLANT, YOU CAN COUNT ON ...

- ... more than 60 years of experience in sleeper production.
- ... extensive competence in passenger and freight transport.
- ... know-how from numerous major projects worldwide.
- ... an international network of reliable contractual partners.
- ... highest technical, economical, logistic and qualitative standards.
- ... standardized and efficient production processes.
- ... a solution that is exactly customized to your expectations.
- ... a one-stop-shop service, from planning to operation.
- ... a strong partner with a tradition of innovation.

# PLANT SOLUTIONS, YOUR WAY.

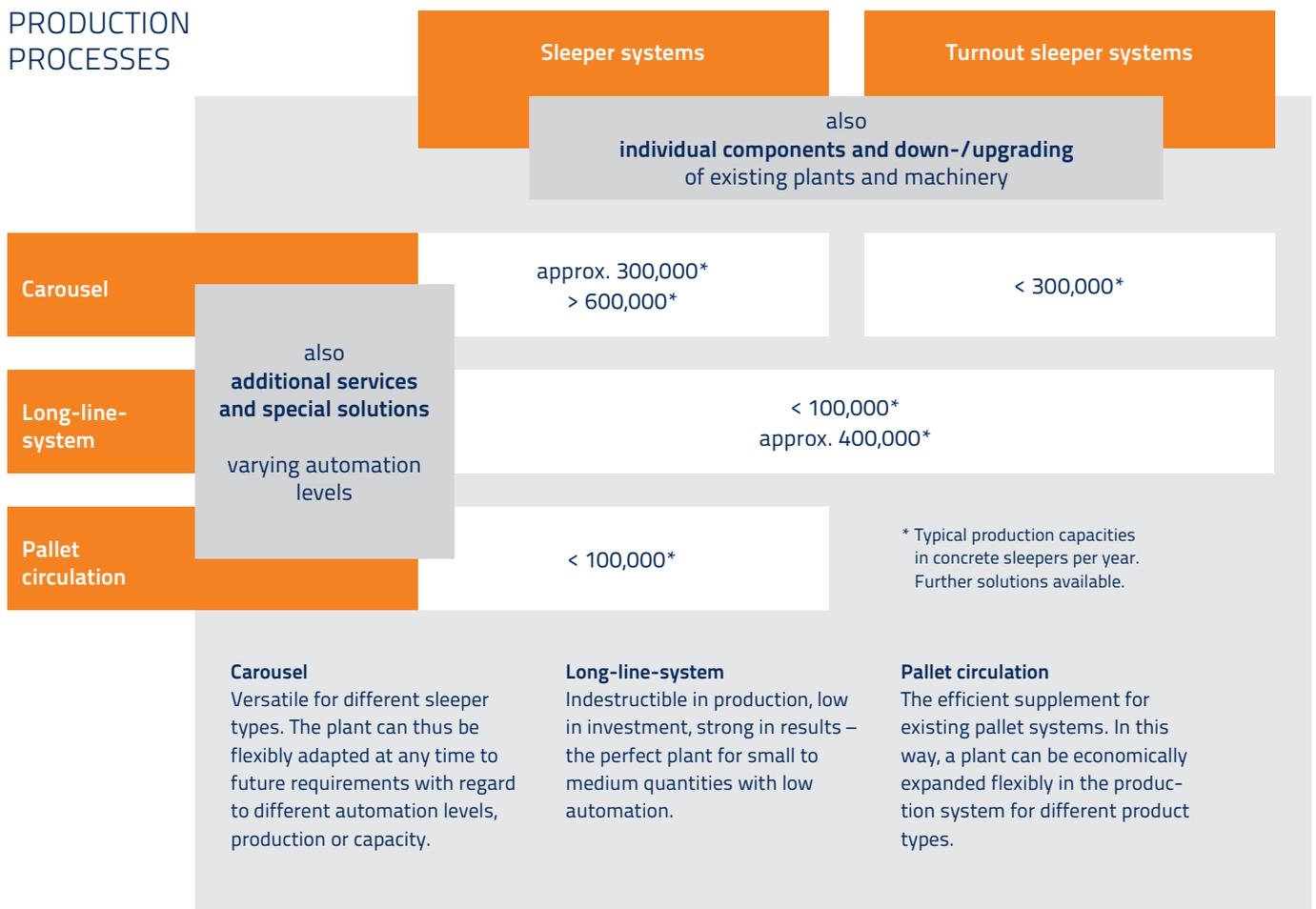
We are always close to you - wherever you are. Thanks to its international focus, RAIL.ONE is familiar with regional conditions, particularities and requirements. With an eye for the big picture and a sense for detail, we guarantee you an implementation that corresponds exactly to your requirements in terms of time and cost and always promises the best quality.

From the planning phase to hand-over, we utilize our many years of experience and our proven partners from numerous international projects. With concepts for all applications and requirements, we offer you extensive service from one single source. Your plant stands for "Solutions your way".

Our leading edge in rail-bound transport thus becomes your competitive advantage: the highest standards in the areas of technology, logistics, efficiency and quality are part of the inventory at your new location from the very first day.

There are no limits to your requirements in terms of scope of services, output, production processes and automation. Whether a standardized concept or an individual solution, we get your production going. Cost-efficient, reliable and always state-of-the-art. Count on RAIL.ONE.

## PRODUCTION PROCESSES



also  
additional services  
and special solutions  
varying automation  
levels

# PLANTS BY TRUE PROFESSIONALS.



## The land of unlimited possibilities

In less than a year, one of the most modern concrete sleeper plants was built in the United States. The annual capacity is up to 600,000 sleepers.



## Like a World Champion

In the year of the Football World Cup 2010 in South Africa, a license plant was built here and handed over to the client on schedule. The original capacity of 200,000 concrete sleepers per year has now grown to 250,000.



## North Africa is one train ahead

For a customer in Algeria, RAIL.ONE built a plant with modern carousel production technology. Since then, prestressed concrete sleepers and conventionally reinforced bi-block sleepers have left the plant and are part of the modernization of the Algerian infrastructure.



## From Bavaria for Europe

After a ten-month construction phase, a modern concrete sleeper plant with a high automation level opened in Aschaffenburg, Bavaria. With a capacity of 600,000 sleepers per year and an extensive product range, the German rail market as well as international transport projects can be supplied from here.



## Boom on the Bosphorus

In 2009, a plant in Turkey started production of sleepers and its capacity was expanded in 2011. In the meantime, the plant has also been extended by two long-line-systems for turnout sleeper production.



# SERVICES WITH ADDED VALUE.

## COMPLETE PLANTS OR PARTIAL SERVICES

From your inquiry to commissioning:  
Our services ensure the efficient construction of your plant.

### Plant engineering

Whether predominantly manual or highly automated production, plant and manufacturing processes are geared entirely to your economic success.



### Requirement assessment

Having many years of experience, we find the sustainable solution that is precisely customized to your requirements.

### Mold design

Mold follows product - we develop the mold that exactly matches your manufacturing process and your requirements.

### Product development

Use our proven product simulations to optimize your sleepers in terms of material usage and durability.

### Infrastructure

We ensure short distances, whether for integration into the existing infrastructure or for the development of an economical solution for new buildings.

### Installation/commissioning

Together with your specialist personnel, our team of experts will install and commission the system.



### Training

Our experienced specialists support, accompany and train your staff: from commissioning to maintenance.

### Production logistics

Efficiency from design onwards: All production logistics processes are proved regarding cost-effectiveness before construction and planned accordingly.

### Intralogistics

Use our know-how to perfect your material and data flows, optimize processes and quality assurance and optimize cash flow.

### Quality management/certification/auditing

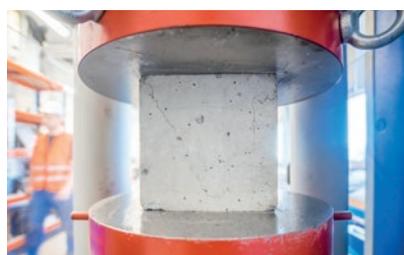
With our international presence and experience, we advise and support you in product certification and QMS auditing.

### Material/construction material technology

We help you to select the ideal commodities for your sleepers and the perfect formulation for your manufacturing process.

### Funding

Your journey is the reward: We support you financing your plant with selected partners.



### Spare parts management

With our contacts to renowned manufacturers, we offer you spare parts concepts that guarantee fast availability worldwide and thus smooth production.



The PCM RAIL.ONE Group has been manufacturing concrete sleepers and track systems for urban transit and long-distance rail transportation for over 60 years.

The technology leader also offers its expertise in the fields of engineering and plant construction. Its customer-driven innovations fulfill the highest quality standards and are installed around the world.

The PCM RAIL.ONE Group is comprised of several companies and numerous production facilities worldwide.



**LONG-DISTANCE  
AND FREIGHT TRANSPORT**

So that you always arrive safely: Our customized systems for long-distance and freight transport are economical, sustainable and offer the highest quality standards.



**URBAN TRANSIT**

At the heart of the metropolis, always comfortable and guaranteed to be environmentally friendly - that is modern local transport. Customized solutions for subways, commuter trains and trams make cities a tangible experience for everyone.



**ENGINEERING**

Make our know-how your own: With their innovative spirit, wealth of ideas and experience, our teams are always at your side when it comes to planning, implementing and monitoring your projects.



**PLANT CONSTRUCTION**

Turnkey and ready for production – that is how we plan, design and build your new sleeper plant. Everywhere in the world always perfectly customized to your requirements – a foundation of your success.

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