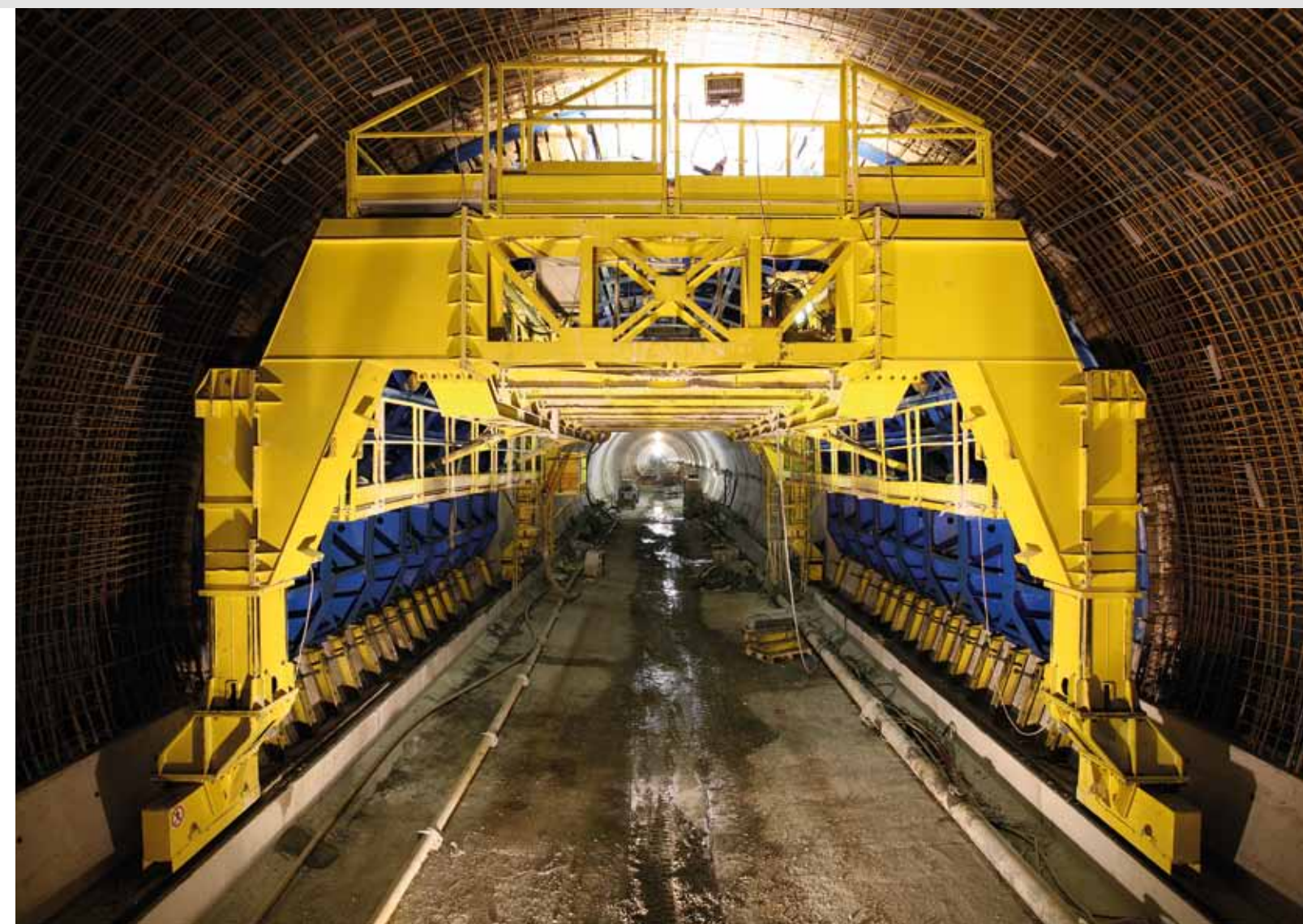




EUROFORM S.R.L.

## EUROFORM

Euroform is a subsidiary of Herrenknecht AG, the technology and market leader in mechanized tunnelling. We develop and manufacture high-tech shutter systems for conventional tunnel construction and segment moulds for the production of precision lining segments for mechanized tunnelling.



**EUROFORM: HIGH-TECH SEGMENT MOULDS AND FORMWORK FOR PRECISION TUNNEL LINING.**

**Euroform S.r.L.**  
Via Monza, 118  
20068 Gessate (MI), Italy  
Phone +39 02 9538-3546  
Fax +39 02 9538-4457  
Email [info@euroformsrl.it](mailto:info@euroformsrl.it)

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S.r.L.

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For more than 30 years,  
Euroform has been your  
partner for perfect tunnel  
lining solutions.

## TAILOR-MADE TUNNEL LINING SOLUTIONS.

### Making perfect tunnels.

Based on 30 years of working experience, Euroform S.r.L. is a teamwork partner for Italian tunnel construction companies specializing in the design and production of any kind of tunnel lining and formwork solution. Our product portfolio includes segment moulds for the production of precision segments for mechanized tunnelling and tailor-made shutter systems for the lining of conventionally driven tunnels.

All systems are specifically designed to meet the needs of our customers to build perfect, durable tunnel systems that comply with the high quality requirements of the market. Constant product development is therefore our main focus during the design and manufacturing phase of each new system.



### Always at your side.

Euroform offers the following products tailored to specific project requirements:

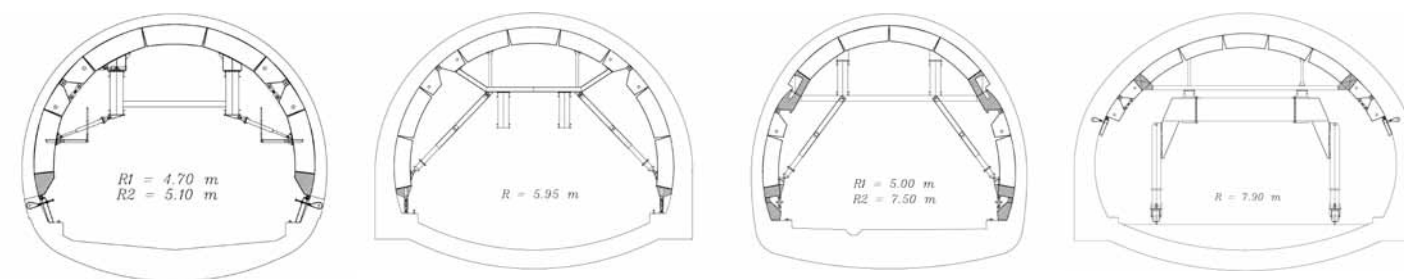
- Segment moulds
- Carousel plants
- Segment tilting frames
- Vibrating systems
- Tunnel shutters
- Reinforcing carriage
- Concrete distribution systems
- Curing frames

Our services include project management during production and also on-site, so that the customer has one experienced partner throughout the entire project. Feasibility studies, site assembly, technical support, spare parts management, refurbishment and modification of existing systems and even financial solutions round off our service portfolio. On request, we also offer buy-back options and provide rental systems.

Our product portfolio includes  
lining solutions for conventional  
and mechanized tunnelling.







## FORMWORK EQUIPMENT FOR CONVENTIONAL TUNNELLING.

### Tailor-made solutions.

Every conventionally driven tunnel has a different diameter and a different tunnel profile. To ensure precision lining of every one of these tunnels, Euroform provides a complete portfolio of specialized tunnel shutter systems adapted to project requirements.

Every new project adds to our 30 years experience of developing innovative and economical shutter solutions.

### Our product portfolio includes:

- Self-reacting tunnel shutters
- Vault formwork
- Invert formwork
- Niche formwork
- Tunnel enlargement formwork
- Full round formwork

On request, Euroform can also provide standard solutions on a rental basis. Our product portfolio is completed by concrete distributors for large section tunnel shutters, full round shutters and invert shutters round our product portfolio.

Our shutter systems are custom-made solutions for every single project.



### Shutter innovation.

Euroform has developed a completely new system which allows the customer to use the same shutter for lining different tunnels. The "E.P. shutter" has a modular design, adaptable to a wide variety of tunnel profiles, allowing it to be used several times. The modular design makes it easy to handle, allows faster reassembly times, reduces transport costs in comparison with conventional shutters and has a high buy-back value.

#### E.P. SYSTEM SHUTTER

##### TECHNICAL DATA

- Radius: 4.3 – 8.9m
- Reusable equipment for all types of tunnels
- Sufficient strength for several jobsites
- Same handling as traditional shutter (anchored, self-supporting, propped ...)
- No need for refurbishment – just reassembly







High-precision segment moulds are indispensable for perfect segments.

## SEGMENT MOULDS FOR MECHANIZED TUNNELLING.

### No compromises in precision and quality.

Segment moulds have to precisely match the geometry of the entire tunnel ring, its individual segments, and also to the arrangement of the joints and seals. Euroform designs and manufactures high-quality moulds for all kinds of ring designs. Successful production requires accuracy in measurement, manufacture using guaranteed top material quality, and skill in working with these materials.

Euroform stationary moulds are designed for easy use and durability. The structure allows full transmission of the vibration to the concrete. The moulds are equipped with opening side and front walls to allow easy and safe demoulding. The machine wall surface combined with the Euroform adjustment system give our moulds a close-tolerance production capability.

With the same characteristics as the stationary moulds, our mobile moulds are mounted on wheels, allowing their use on a carousel system. A special automatic covering system is optionally available.

### Additional equipment.

In response to customer demand, our product range also includes all kind of equipment to handle the lining segments. Vacuum extrados, vacuum intrados, tilting tables, standard clamps and turning clamps can be delivered on request.

If the customer already has a carousel from a previous project, Euroform can adapt it to the new project and supply the parts which need to be replaced, including concrete buckets, demoulding stations and vibration tables.

