

DILLINGER 

Leading in TM steel technology

Dr. Wolfram Hölbling

Manager marketing & technical support



Dillinger,

Europe's leading heavy plate producer, is committed to achieving top-class performance in steel together with its customers.

On the solid foundation of our employees' skills and commitment, we continue to increase our strong performance on each site, in order to manufacture top-quality products in an economic way, while maintaining the necessary balance with our environment and safety.

- Having a more than 300 year-long history
- Producing plates up to 5,200 mm wide and up to 450 mm thick
- Producing 150mm thick TM plates
- Using slabs up to 600 mm thick with high deformation ratio
- Melting more than 3,000 different chemical compositions
- At home in Europe and active on all five continents
- Investing for the future.....



- Plate thickness: up to 115 mm (Jackets)
up to 100 mm (Topsides)
- Delivery: Jackets: 39,000 t
Topsides: 20,700 t
- Steel grades: S420G2+M, S355G10+M, S355J2+N, S500G2+M (Jackets)
S460G1+M, S460G2+M (Topsides)





- Plate thickness: up to 120 mm
- Delivery: 8,250 t
- Steel grades: S355N/NL,
S355K2+N,
S460M/ML

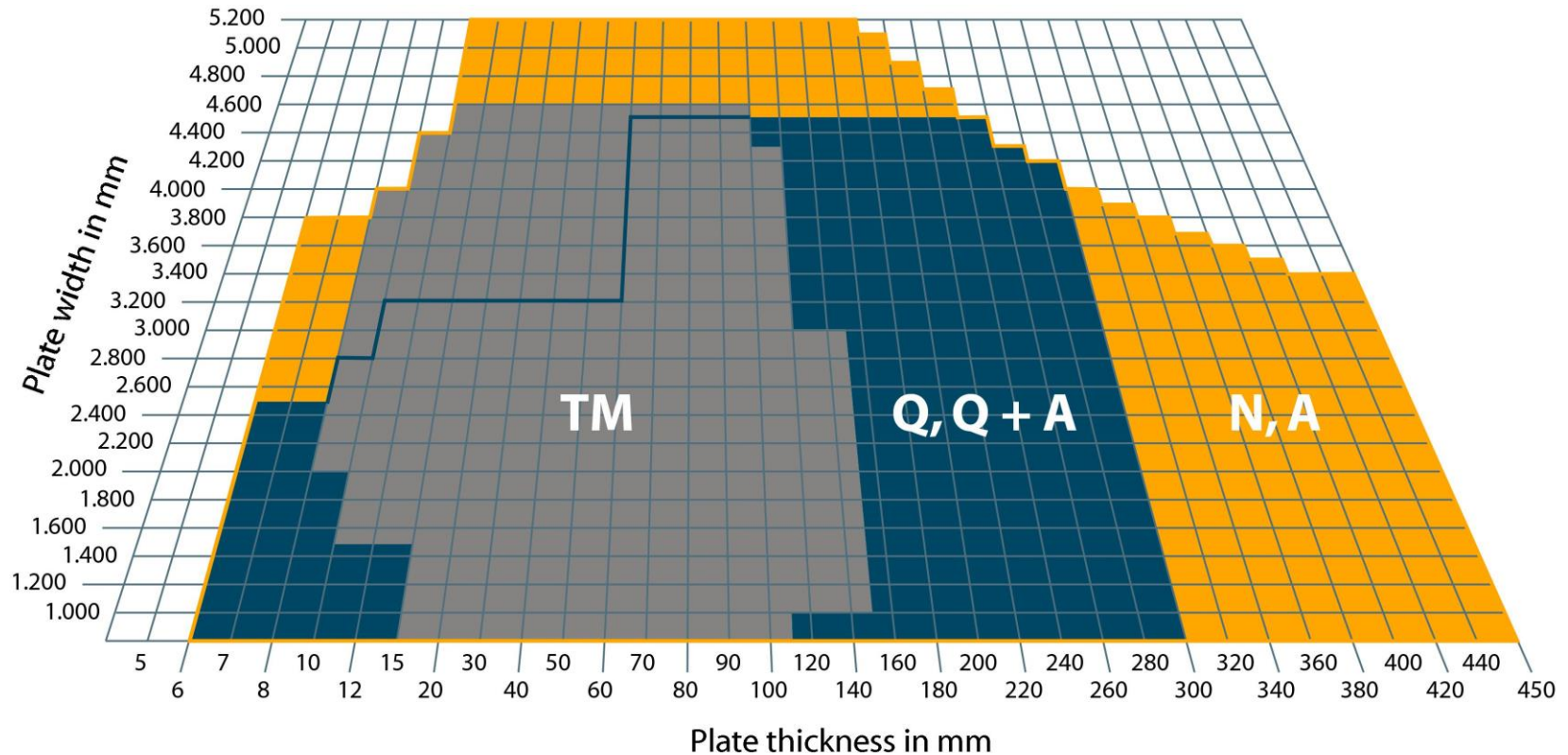
- Architect: Zwarts & Jansma Architects
- Length: 255 m
- Width: 17 m
- Height: 50 m



- Area: 70 km²
- Power: 80 pieces with 3.6 MW each, for a total output of 288 MW
- Delivery: 65,000 t for monopile foundations (Plate thickness: 60 up to 126 mm)
1,350 t for transformer substation (Plate thickness: 8 up to 65 mm)
- Steel grades: S355ML, S460ML, S355G10+M, S355G7+M



Standard delivery programme for different delivery conditions



- **N, A** = normalized
- **TM** = thermomechanically rolled
- **Q, Q+A** = quenched, quenched and tempered

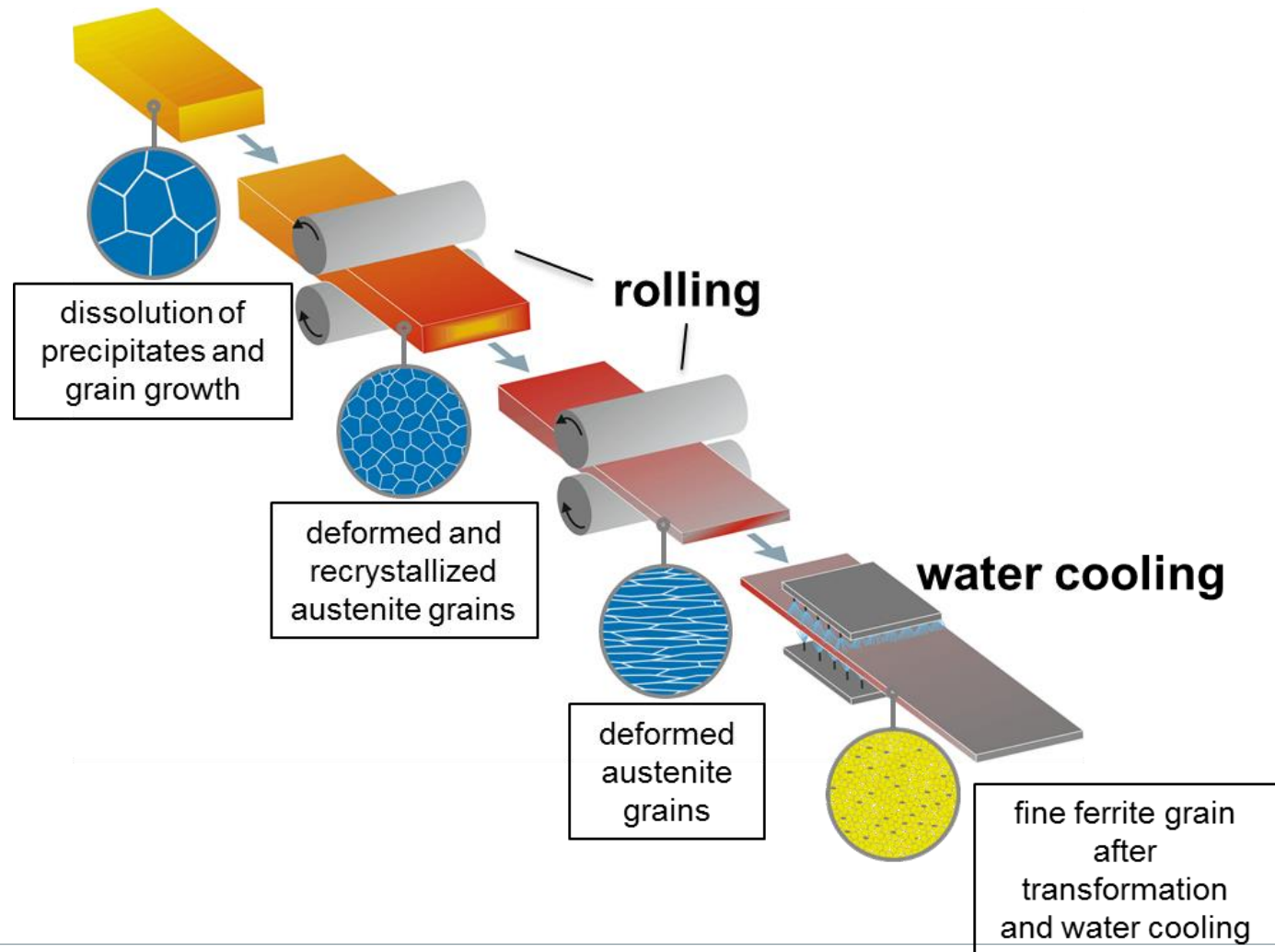
Max. plate length: 28 m
Max. plate weight: 42 t*

Plate dimensions beyond the standard delivery programme are often possible after inquiry.

*52 t on request

TMCP production process is a highly controlled and difficult process

⇒ Goal: fine grain **reheating**





Dillinger - CC technology leader

- 3 vertical continuous caster
- Investment of more than 400 Mio. €, new purely vertical CC 6 caster
- Thickness : up to **600 mm**
- High deformation ratio possible

- Dillinger leading European heavy plate producer
- Dillinger active in several TM relevant segments
- Leading in slab casting and TM rolling technology
- Investing for the future

