



GRIMBERGEN: CONSTRUCTIVE PARTNER



Grimbergen provides total solutions for high quality production systems in various industries. From problem analysis and design to the commissioning of the supplied systems including professional advice, training and support during operation, Grimbergen is your partner.

Being a constructive partner means to fully support our clients in achieving the optimal performance from their production facilities by supplying innovative and premium quality products and solutions.

In the past 60 years Grimbergen has developed a worldwide reputation in the design and realisation of production plants. Mainly within the prefabricated concrete industry but we supply to other production industries as well. Our combined knowledge and experience in development, design and realisation of machines, transport and control systems is of great value to production industries in general.

CONSTRUCTIVE AND VERSATILE

Grimbergen offers expertise and experience in the field of engineering, automation, production, installation and commissioning, as well as the maintenance of production systems. The company combines innovative design with excellent production facilities from development until completion. Besides being a constructive partner this allows Grimbergen to also function as a versatile partner, able to adequately respond to the individual needs of its clients.

CONSULTANT FOR TOTAL SOLUTIONS

At the base of Grimbergen's activities stands thorough knowledge of producing concrete and concrete products with a matching logistic settlement. Grimbergen is specialized in the development and realisation of innovative, high grade total solutions for production organisations.

Within the life cycle of a production system Grimbergen can also function as your technical and/or strategic consultant.

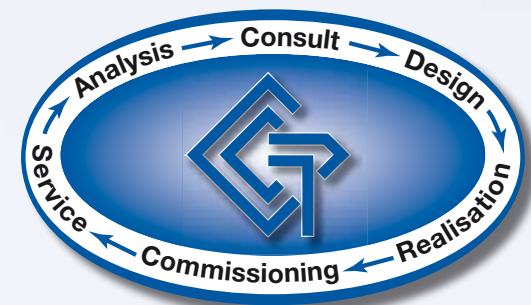
Education and training of clients' machine operators are part of Grimbergen's scope of supply. Equipment management and maintenance are also included in our core-business.

PRODUCTS AND SERVICES

For total production systems as well as for individual specific elements of equipment the Grimbergen programme offers:

- Professional consultancy for the realisation of the best possible, tailor-made, functional design
- Elaboration of functional designs to production systems with the desired balance between quality and price.
- Completion and installation of the production systems.
- Support, training and coaching during start-up, commissioning and maintenance of the production system.

Grimbergen is also your partner for innovative improvements/modifications to the production equipment in order to maintain optimal performance reacting to changing wishes and demands.



SPECIALITIES

- Production systems for the concrete industry e.g. for the production of:
 - ◆ Wall and floor elements, half-slabs, double walls, sandwich panels
 - ◆ Foundation piles
 - ◆ Railway sleepers
 - ◆ Retaining walls
- Mixing, dosing, weighing and recycling systems for the concrete industry
- Moulding systems including pre-stress and release systems for a variety of elements.
- Logistic solutions for transport and handling of materials and products including tailor made cranes.
- Maintenance/ fault-clearing services for production systems with 24-hours support options.

PROGRESSIVE AND DECISIVE ENTERPRISING

According to the conviction of H.J. Grimbergen, the founder of the Grimbergen company in 1945, there will always be a need for a constructive partner.

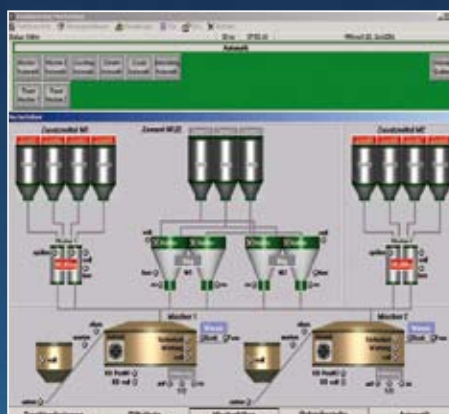
Also in the 21st century, Grimbergen is fulfilling this philosophy by approaching the wishes and demands of its clients with a progressive and decisive attitude.



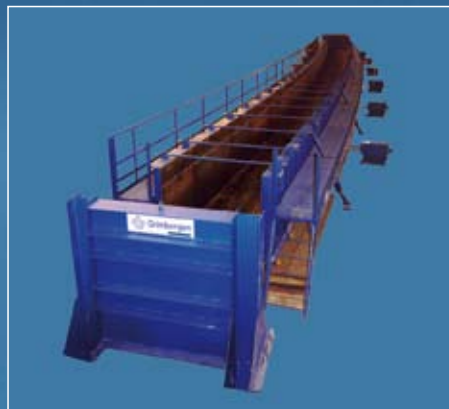
Product optimisation and process optimisation

Complete productionsystems
carrousel principle and
long-line principle

Layoutdesign, production equipment
and control system



Mixing, dosing and weighting systems
Concrete plants



Mouldsystems
Pre-stress and release equipment



Special conveying and
handling equipment



Consult

Design

Realisation

Service




Grimbergen
Constructive partner

H.J. Grimbergen b.v.
 Bedrijfsweg 23-25 • P.O. Box 145
 2400 AC Alphen aan den Rijn • The Netherlands
 Tel: +31 (0)172 43 27 21 • Fax: +31 (0)172 44 42 21
 E-mail: info@grimbergen.nl • Website: www.grimbergen.nl



Grimbergen
Constructive partner

PRODUCTION SYSTEM LONG-LINE PRINCIPLE



◆ Foundation piles

◆ Railway sleepers/ties

◆ Floorslabs

◆ Walls

◆ Railway sleeper production



◆ Concrete flying bucket system

◆ Concrete distributor

◆ Pre-stressing station

◆ Mould



◆ Sawing machine

◆ Roller conveyor

◆ Discharge carriage

◆ Clipping

PRODUCTION SYSTEM CARROUSEL PRINCIPLE



◆ (Half)Slabs

◆ Foundation piles/beams

◆ Walls/Architectural elements

◆ Retaining walls

◆ Walls/Slabs production



◆ Conveying system

◆ Rotation station 180°

◆ Lift



◆ Discharge lorry

◆ Tilting table

◆ Curing chamber



◆ Handling equipment

◆ Preparation exposed concrete

◆ Production of reinforcement steel

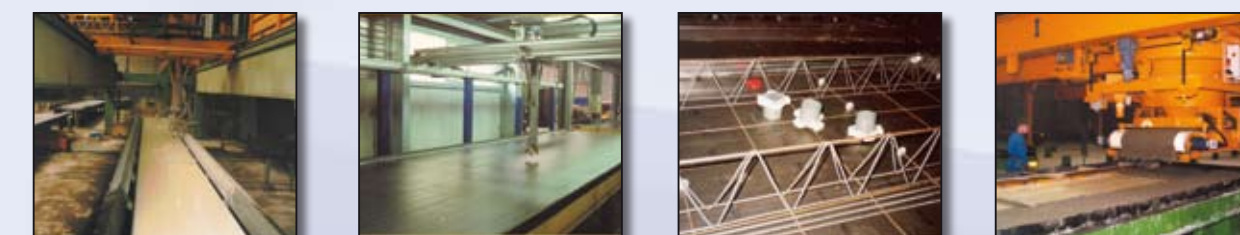


◆ Cleaning unit mould tables

◆ Shuttering robot

◆ Installation of reinforcement steel

◆ Concrete conveyor, screws

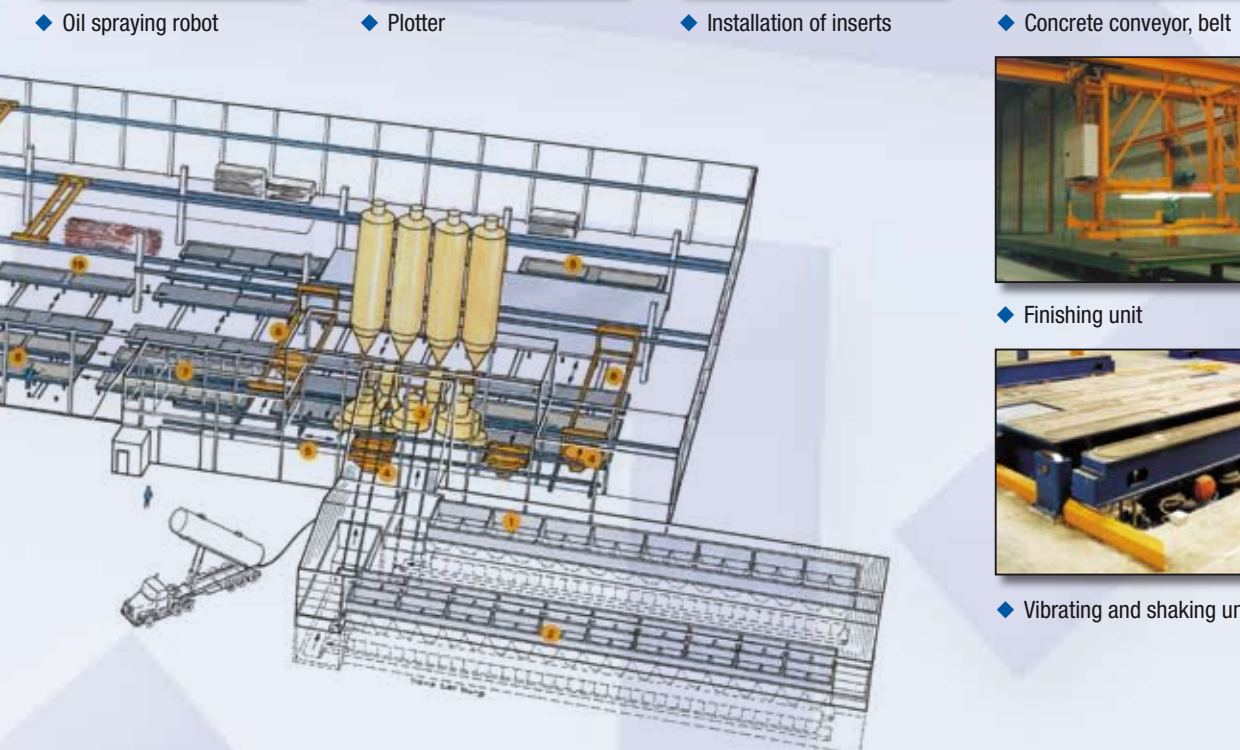


◆ Oil spraying robot

◆ Plotter

◆ Installation of inserts

◆ Concrete conveyor, belt



◆ Finishing unit



◆ Vibrating and shaking unit



◆ Aggregates and cement storage

◆ Concrete mixing plants

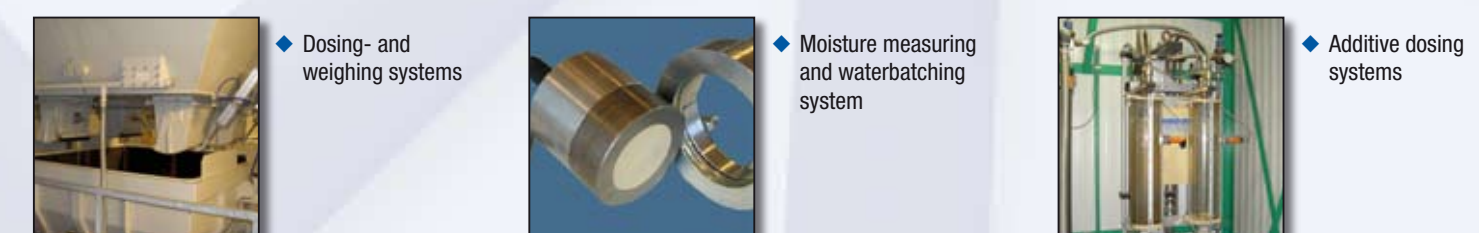
◆ Control systems



◆ Conveying systems

◆ Colour dosing systems

◆ Concrete recycling plants



◆ Dosing- and weighing systems

◆ Moisture measuring and waterbatching system

◆ Additive dosing systems