TELEMOND HOLDING

WELCOME

TELEMOND HOLDING

we produce the future

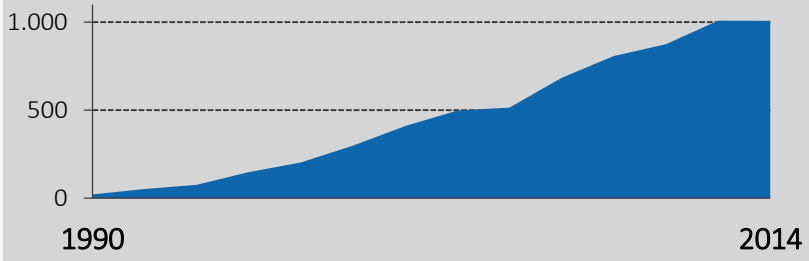
THE HOLDING AND SUBSIDIARIES

we produce the future

TELEMOND Holding

Turnover 2014	80 m €
Employees	> 1.000
Based	Antwerp, Belgium
Proprietors	50% Ackermans & Van Haaren
	50% Reiner Maas

Employees



1990	2001	2003	2007	2015
Management Buy-out from Thyssen AG	**HENSCHEL ENGINEERING** Antwerp/BE	**TELESKOP** Kostrzyn/PL	**MONTEL** Kostrzyn/PL	**HENSCHEL ENGINEERING AUTOMOTIVE** Kostrzyn/PL	**TELEYARD** Szczecin/PL

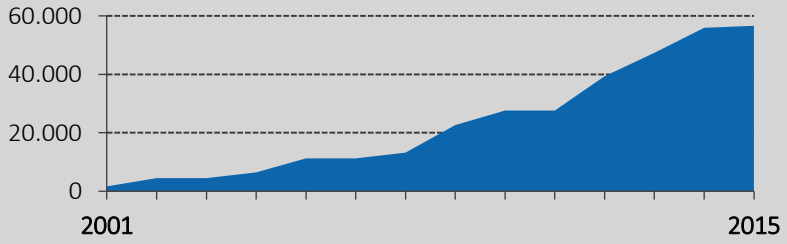
PRODUCTION SITE IN KOSTRZYN, POLAND

Base of subsidiaries TELESKOP, MONTEL and HENSCHEL ENGINEERING AUTOMOTIVE

Infrastructure and Connectivity

- Property of 100.000m²
- Distance to Berlin 80 kilometer (Airport & ICE-train connections)

Roofed Production Area (m²)



PRODUCTION SITE IN SZCZECIN, POLAND

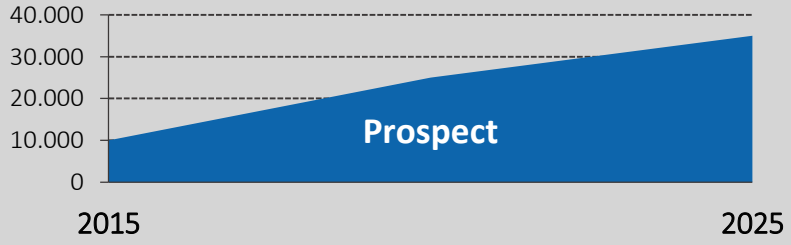
Base of subsidiary TELEYARD – start of production March 2015

Illustration

Infrastructure and Connectivity

- Property of 36 hectare
- Distance to Berlin 150 kilometer
- Direct link to railroad system and international water ways

Roofed Production Area (m^2)

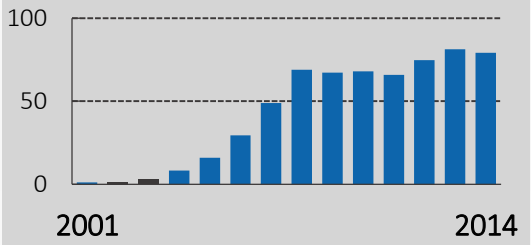


PRODUCTION SITES AND DISTRIBUTION

Distribution Network / Customer Relationship

- Production sites in Kostrzyn and Szczecin, Poland
- Local selling agencies to accommodate smooth customer service
- Customer communication (in D, EN, PL & NL)
- Short delivery routes within Central Europe
- Delivery at customer's request via road, railroad or water way

Turnover (m €)



WE PRODUCE THE FUTURE

Constant investments in employees and assets

Employee Training

Health, Safety and Environment (HSE)*:
We stand for a sustainable future. Sustainability in this context means for us the combination of long-term economic enterprise success, with the protection of the environment, the health, and safety of all involved.

Employee qualifications and facilities:

- More than 250 highly qualified, certified welders, coordinated and trained by internal welding engineers (EWE) and welding supervisors
- Education and training by SLV Duisburg, TÜV Rheinland, SLV Gliwice (Poland and Germany) in own training center with up to 100 trainees
- Ergonomically adjusted workplaces to ensure optimal performance, health, and safety

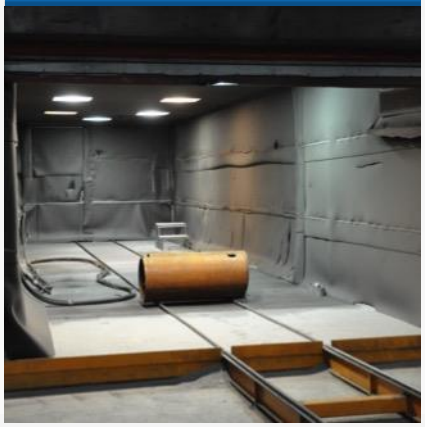
*ISO 14001:2004, PN-N-18001:2004 & ISO 18001:2004

Modern Machinery

PRODUCTION AND KNOW-HOW

Specialized in processing of high-strength fine-grain structural steels

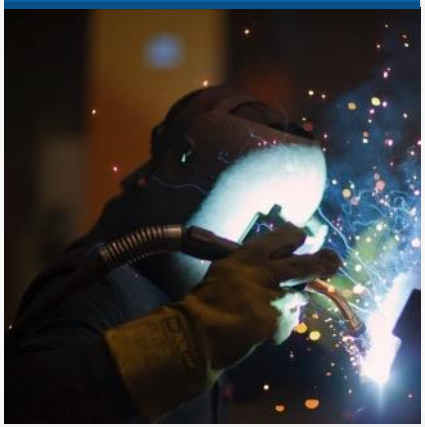
Blasting



Cutting

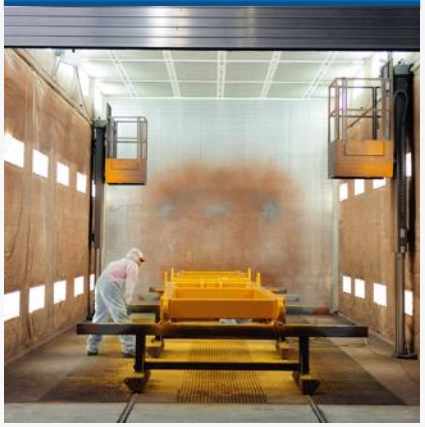
Bending

Welding



Machining

Painting



Assembling

Quality Control

BLASTING

For steel plates and pipes

Process

Steel plates and pipes as well as components can be blasted before welding and as preparation for painting.

Facilities:

- Continuous Blasting Machine for plates
  max. dimensions:
  L=6.000mm W=2.500mm H=500mm
- Continuous Blasting Machine for pipes
  max. dimensions:
  Ø 300mm
- Sandblast Cabinets
  max. dimensions:
  L=20.000mm W=8.000mm H=8.000mm
- Manually Blasting with different blasting material possible

CUTTING

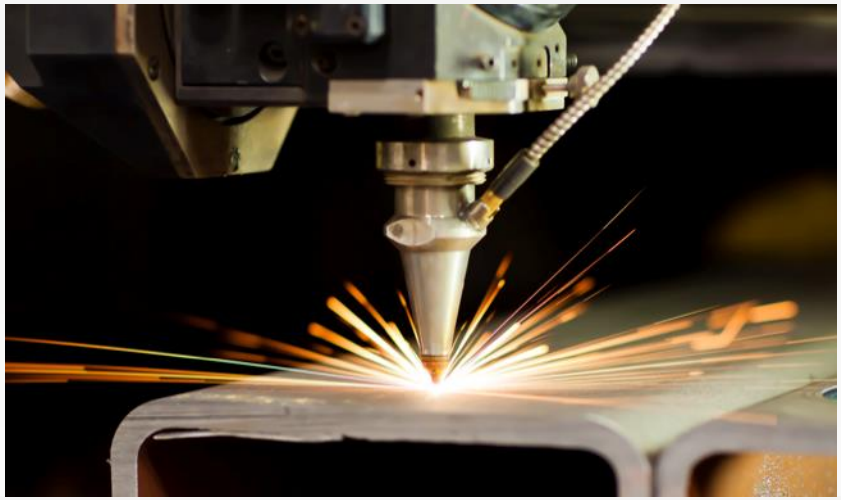
Cutting expertise in all common procedures

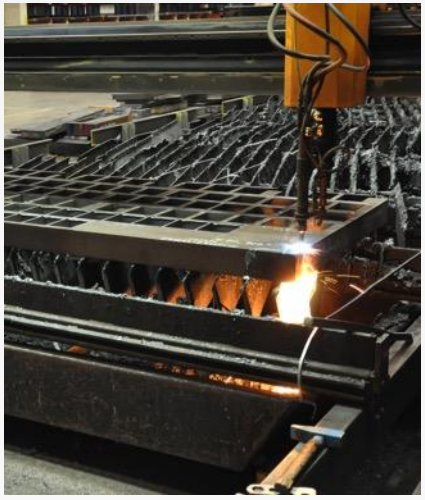
Process

All common cutting techniques for plates, pipes, and profiles can be performed in-house.

Facilities:

- 3D Laser
  max. dimensions: 3.000mm x 1.500mm
- 3D Plasma
  max. dimensions: 12.000mm x 2.500mm
- Autogenous Flame Cutting
  max. dimensions: 12.000mm x 2.500mm
- 3D Plasma Pipe Cutting Machine
  max. dimensions: Ø 159mm
- Sawing
- Pressing
- Shear Cutting





BENDING

Combination of in-house production and outsourcing

Process

Bending options for steel sheets and heavy plates.

Facilities:

- Press Brake 225T up to L=4.600mm
- Press Brake 350T up to L=6.000mm
- Press Brake 400T up to L=4.000mm
- Cooperation with well-known edging profile companies for large components (eg half shells for booms) up to L=30.000mm

WELDING

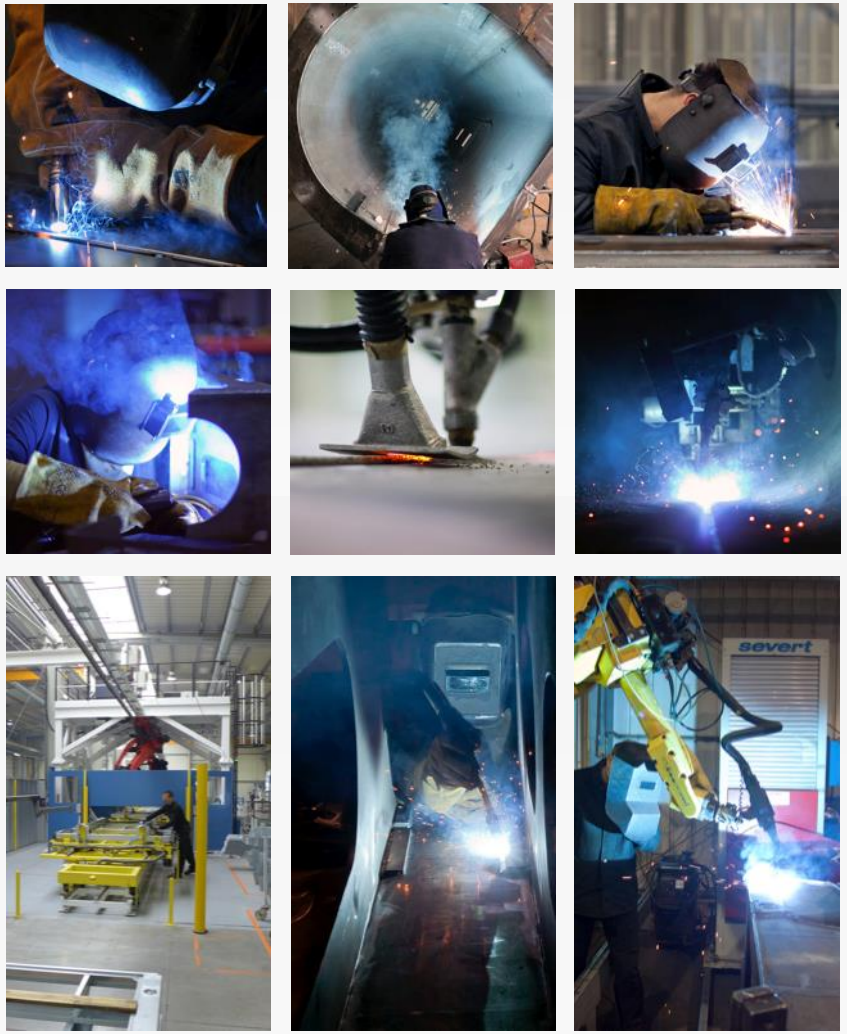
Specialized in processing of high-strength fine-grain structural steel

Process

We have more than 200 modern welding stations from Merkle, Fronius, Cloos and Lincoln. The stations will be connected in the future via a network to carry out and control the welding processes even more closely.

Facilities:

- Manual, Semi-Automatic and Automatic Welding
- MAG, Submerged Arc Welding, Stud Welding, TIG, MIG, and Spot Welding
- Welding Robots (for plates and pipes)
- Welding Robots with integrated 3D welding manipulators (for parts up to 15 t)



MACHINING

Processing expertise up to large-mechanics

Process

From small to large mechanics all components up to 40 tons total weight can be machined stationary. In addition, mobile machining is possible.

Facilities:

- CNC Revolving Bench
- CNC Portal Milling Machines for individual components and assemblies with integrated 360˚ rotating table
- CNC Boring Mill (Bed Milling Machine) max. dimensions: L=20.000mm H=4.500mm Spindle=1.600mm

PAINTING

Dry, wet and powder with nanotechnology

Process

All painting of small parts as well as large welded assemblies up to 20 m length are performed in professional, enclosed spray cabins.

Facilities:

- Spray Cabins
  L=20.000mm W=8.000mm H=8.000mm
- Drying Cabins
  L=20.000mm W=8.000mm H=8.000mm
- Nano-Ceramic Coating Plant
  L=4.700mm W=650mm H=2.500mm
- Powder Coating Cabins
  including firing and drying furnace
  L=4.700mm W=600mm H= 2.300mm

ASSEMBLING

Assembly service of built-in components

Process

Entire value chain through to final assembly can be offered. Parts are commissioned fit for transport or final assembly on site if necessary.

- Installation and procurement of equipment such as ladders, stairs, and walkways
- Final assembly of the steel structure modules or components, including hydraulic, and electrical systems
- Automobile industry standard

QUALITY CONTROL

Certified for Non-Destructive Testing (VT, UT, MT, X) I 100% traceability

Certificates

- ISO 9001:2008
- DIN EN ISO 3834-2
- DIN EN 1090-1 & -2
- ISO/TS 16949:2008
- DIN EN 15085-2
- DIN 18.800-7
- DIN 15018
- Achilles JQS

HSE:

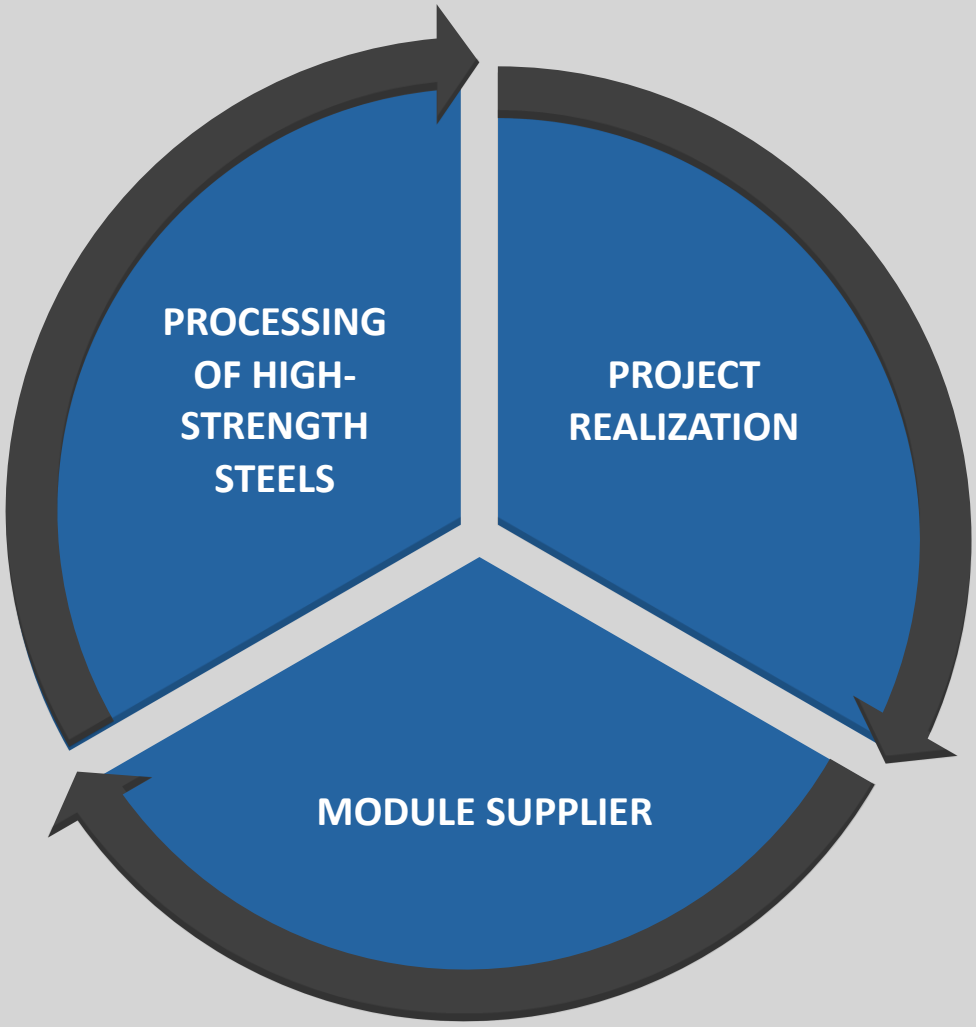
- ISO 14001:2004
- PN-N-18001:2004
- ISO 18001:2004

TÜVRheinland CERTIFIED
ISO 9001:2008
www.tuv.com
ID 9105035171

Achilles JQS
empowered by Achilles
Qualified

THE COMPANIES‘ CORE CAPABILITIES

Services for manufacturing of steel structures



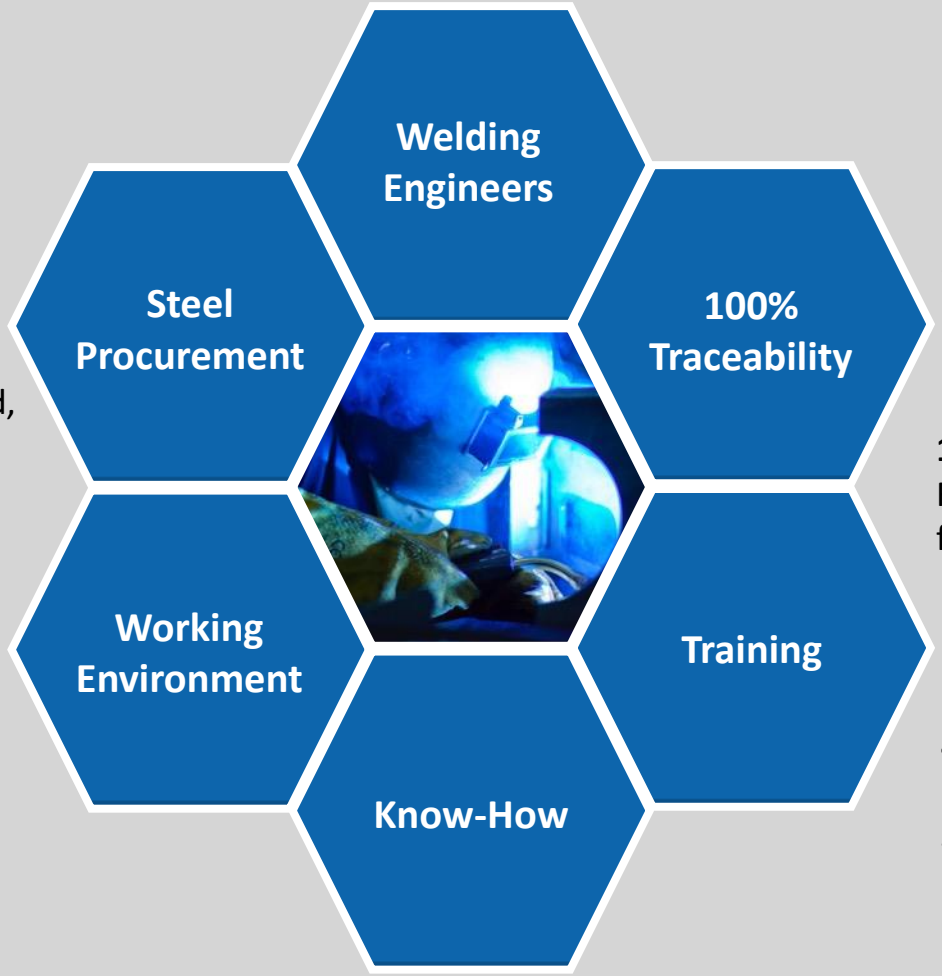
PROCESSING OF HIGH-STRENGTH STEELS

Best-in-class for steel structures made from plates and pipes

Steel Procurement
Supplied by Europe's leading steel manufacturers

Working Environment
Modern, well-equipped, and well-tempered production facilities provide high quality production results

Know-How
Processing of high-strength fine-grain structure steels



Welding Engineers
Over 250 highly-skilled, certified welders, coordinated and trained by internal welding-engineers (EWE) and welding supervisors

100% Traceability
For material as well as for production

Training
In-house training and further education for consistent manufacturing standards

PROJECT REALIZATION

From customer's drawing to delivery

Purchasing

- Project-related purchase with short reaction times
- All materials required for steel plate processing are sourced from carefully selected and certified suppliers
- Long-term supplier relationships provide the basis for stable quality and delivery performance of the production chain

Production

- Project success is backed by trans-parent planning and production processes
- Extensive in-house production depth guarantees a high and consistent quality level

Logistics

- Tailor-made transport process, including transport safety
- Just-in-time delivery with international logistics chain (via road, rail or water-way network)

Assembly (on site)

- Final assembly, incl. equipment such as stairs and ladders, as well as electrical and hydraulic systems possible
- As a service, the final assembly can be carried out on site

Construction

- Construction Jigs are designed and manufactured by internal engineering department

Quality Control

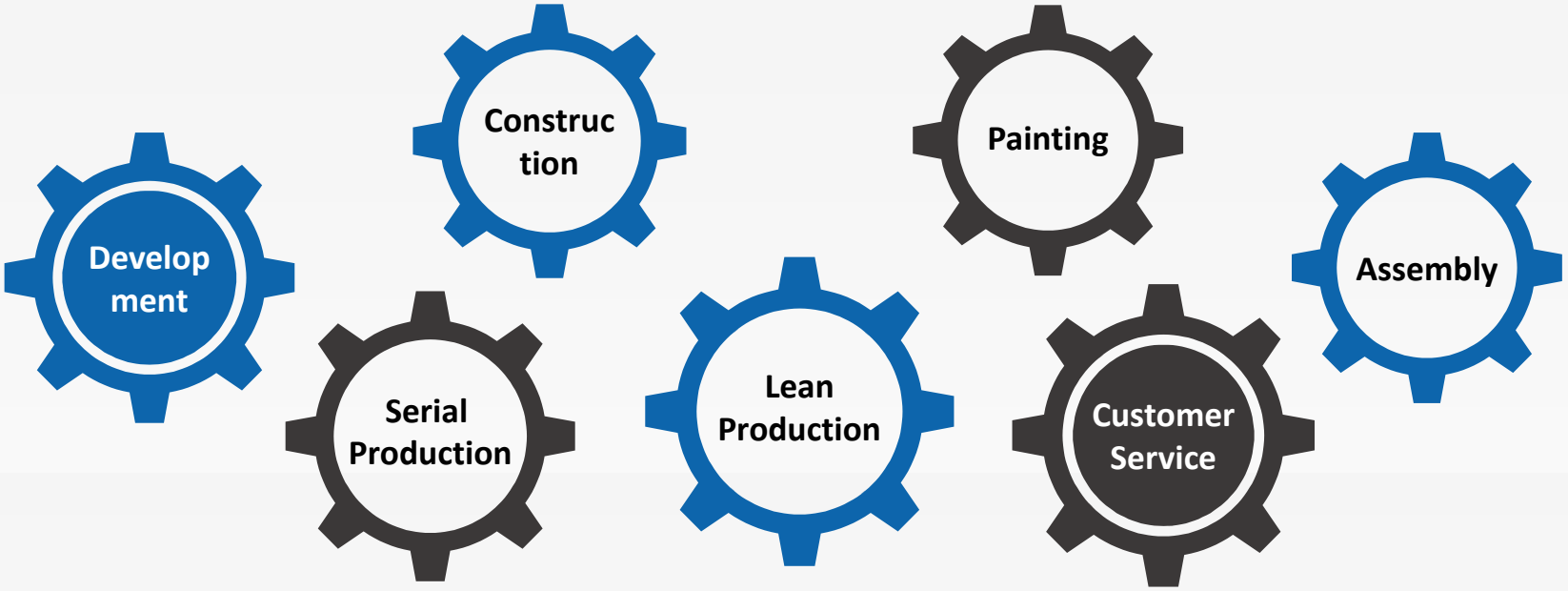
- The quality management team ensures excellent quality, in accordance with the specifications provided by the customer

Communication

- Dedication to customer communication is one of our success factors (in D, EN, PL & NL)

MODUL SUPPLIER

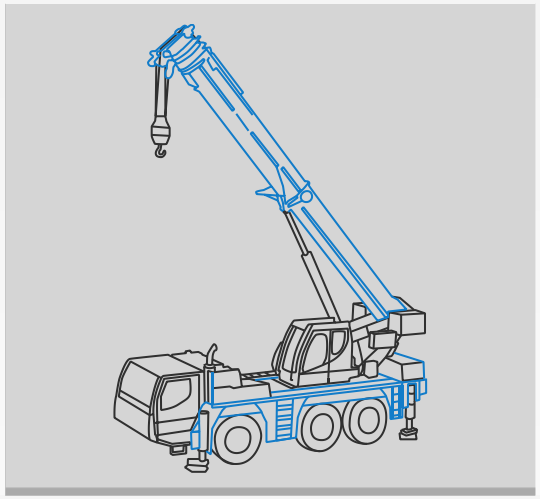
For the automobile industry (HENSCHEL ENGINEERING AUTOMOTIVE)

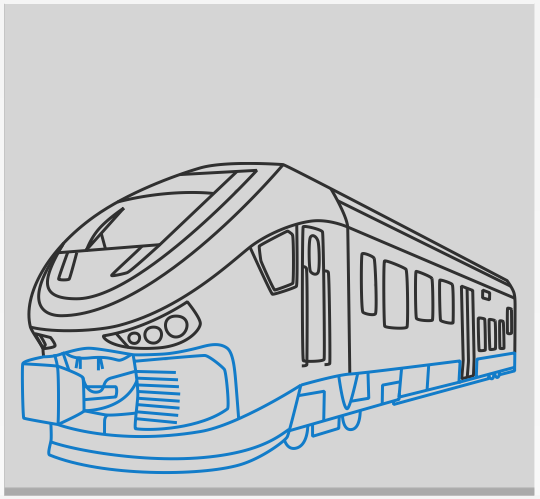


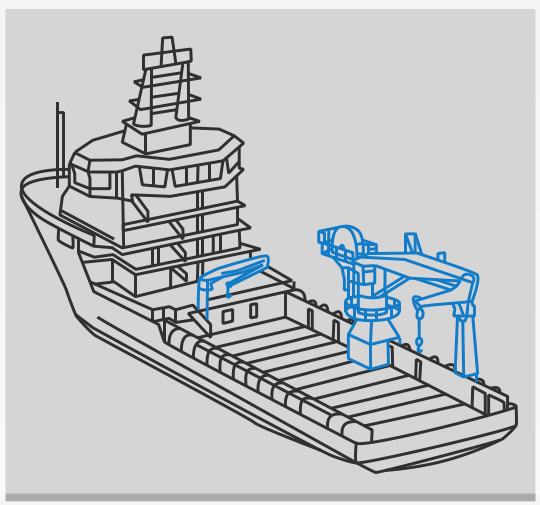
Development	Serial Production	Lean Production	Assembly / Service
▪ CAD and CAE competences for the layout and calculation of model components	▪ Flexibility ("Tailor Made") within large quantities feasible	▪ Optimally coordinated production and handling processes	▪ Pre-assembly and commissioning of individual modules ▪ Packaging and spare parts service

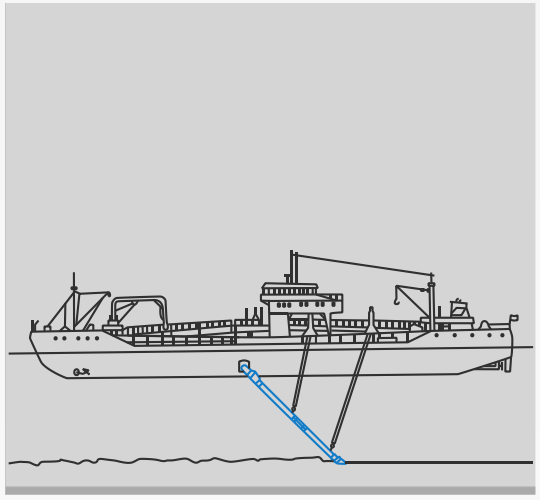
PRODUCT REFERENCES

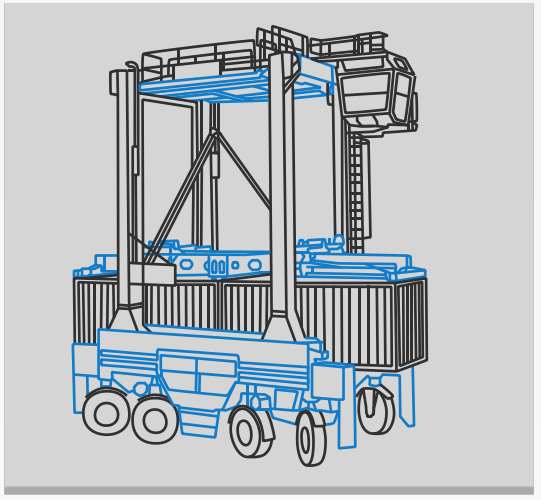
For Crane, Railway Vehicles, Offshore, Dredging, Lifting, and Automotive Industries

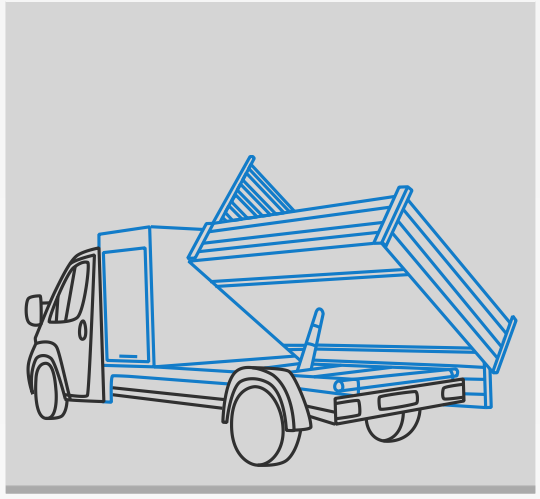








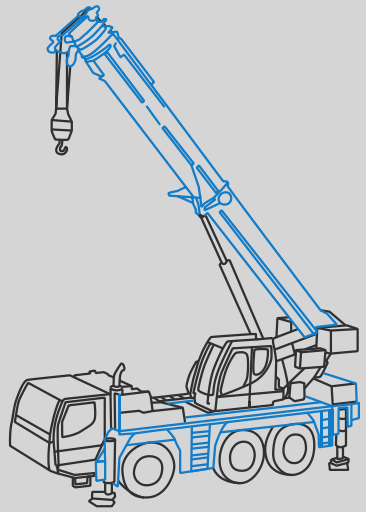




MOBIL CRANES

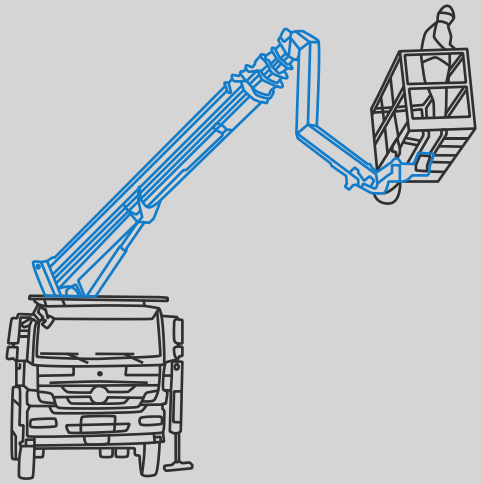
Telescopic Booms, Upper & Under Carriages, and Platforms made of sheet metal

Automobile Cranes



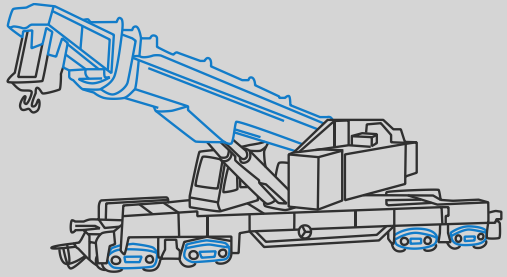
- Telescopic Booms, Upper, and Under Carriages
- A pioneer in the use of fine grain ultra high-strength structural steel with yield strengths up to 1,300 MPa

Mobile Access Platforms



- Telescopic Booms and Platforms
- Steel structures made of thermo-mechanically rolled steels (TMCP) with yield strengths up to 960 MPa

Railway Cranes

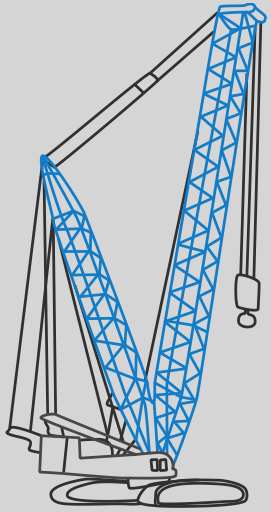


- Telescopic Booms and Extending Booms
- Massive steel structures made of high-strength steel with high-level plate thicknesses

CRAWLER CRANES

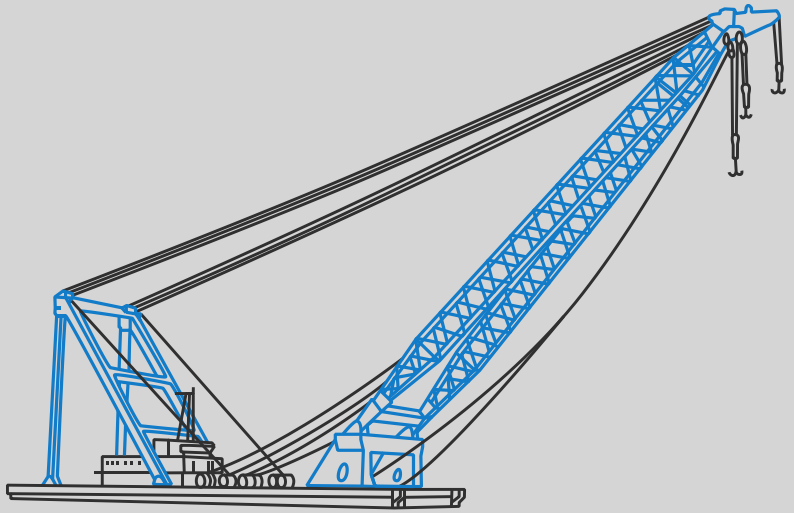
Lattice Structures for On- and Offshore Cranes

Crawler Cranes



- Lattice Structures
- From straight intermediate pieces to highly complex base sections
- Unit weights up to 40 t
- Of high-strength, seamless fine grain steel pipes with yield strengths up to 890 MPa

Offshore Cranes

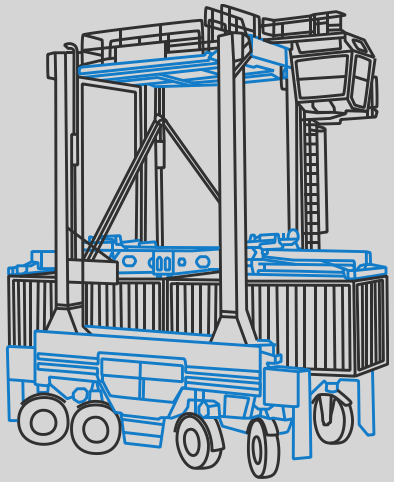


- Lattice Structures and Steel Assemblies
- Production by certified welding specialists
- Unit weights up to 150 t
- Made of steel with external inspections by classification societies - such as GL, DVN, & ABS

CONTAINERHANDLING SYSTEMS

Spreader, Booms, Masts, und Carriage Constructions made from steel

Straddle Carrier

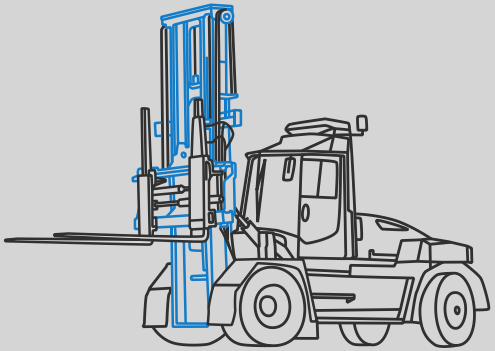


- Top Frames, Side Frames, and Spreaders
- Combination of conventional structural steel and high-strength steel

Reach Stacker

- Telescopic Booms and Spreaders
- Made from high-strength steel

Fork-Lift Truck

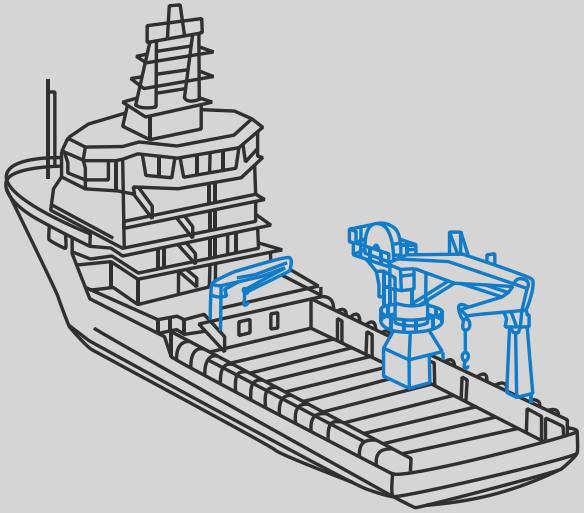


- Outer Masts, Inner Masts, Carriages, and Center Masts
- Combination of conventional structural steel and high-strength steel

SHIP CRANES & DREDGING

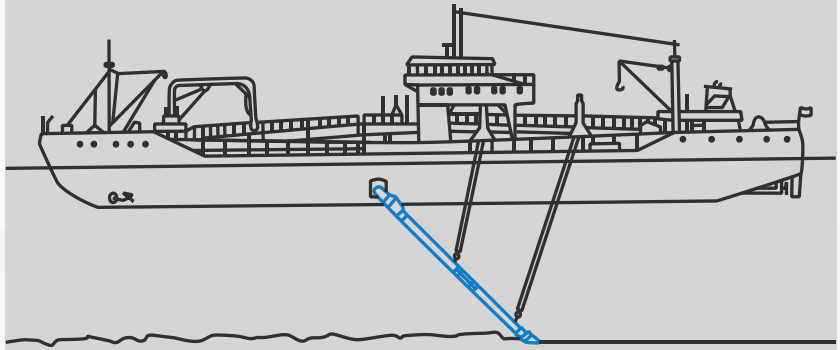
Made from steel plates and pipes

Ship Cranes



- Steel Assemblies
- Production by certified welding specialists
- Unit weights up to 150 t
- Made of steel with external inspections by classification societies – such as GL, DVN, & ABS

Dredging

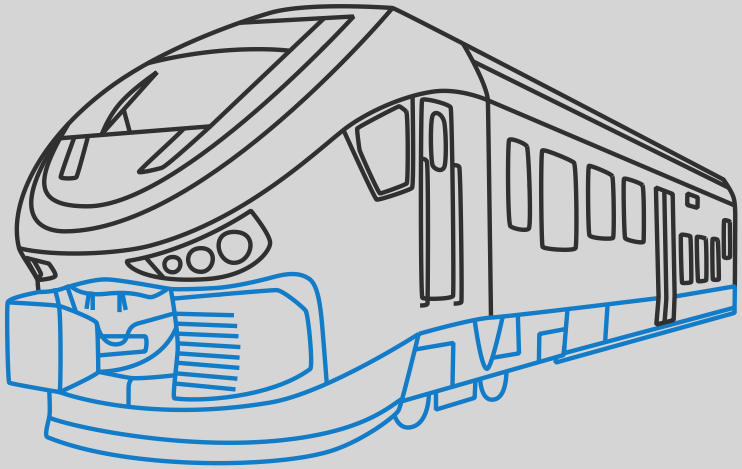


- Production of all wear components for the dredging industry, such as Dragheads and Cutter Heads
- Use of wear plates (Hardox) and overlay welded plates

RAILWAY VEHICLES

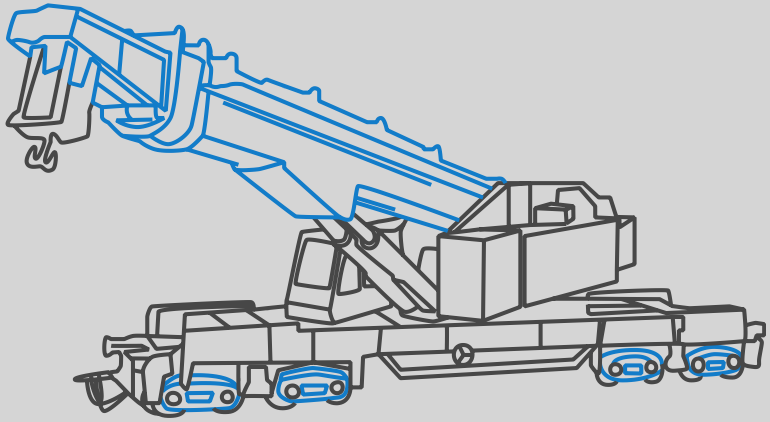
Made from steel plates and pipes

Railway Vehicles



- Chassis, Impact Beams, and Bogies
- Manufactured according to DIN EN 15085-2
- Sheet metal structures with typical metal thicknesses of 30 mm or less

Railway Cranes

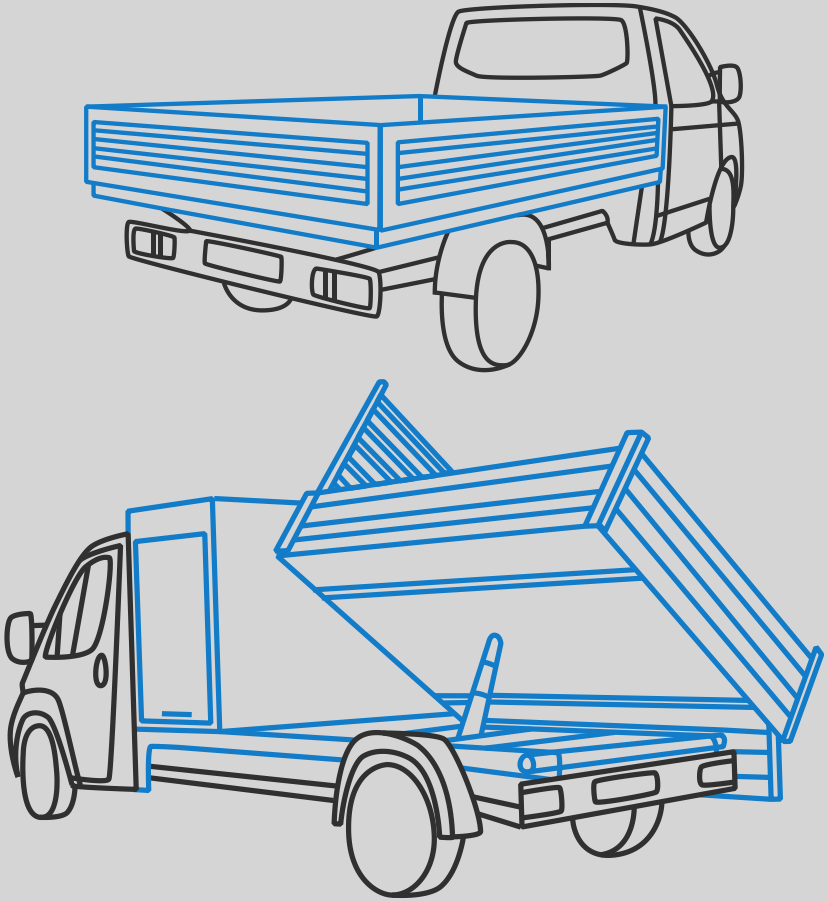


- Solid Telescopic Booms and Boom Extensions
- Use of high-strength steel with a 960 MPa yield strength and typical metal thicknesses greater than 30 mm

AUTOMOTIVE

Platform Bodies, 3-Way Tipper and Accessories

Platform Bodies & 3-Way Tipper



- Platform Bodies, Low-Loader Platform Bodies, and Tippers made of galvanized steel and aluminum for all common commercial vehicles
- Customised models according to customer requirements, such as Subframe Extension for mounting a loading crane or toolbox
- Entire value chain in-house - design, construction, manufacturing, and final assembly
- Anti corrosion protection system: nano-ceramic coating
- Optional accessories such as Tool Boxes, Ladder Racks, and Tarpaulin Frames

CUSTOMERS

We produce the future for

TELEMOND HOLDING

THANK YOU FOR YOUR ATTENTION