



1 Description and advantages

NLMK Europe proposes a large range of Advanced High Strength Steels (AHSS) dedicated for the automotive industry. Their use is recommended where high resistance is needed and to prevent accelerated fatigue in severe environments. They offer good formability properties. The high potential of these steels facilitates the development of innovative designs.

The **AHSS** steels proposed by NLMK Europe for the agriculture industry include the following grades:

- for cold forming:

- Wear resistant steels (QUARD)
- High Strength low ALLOYED (HSLA)
- DUAL PHASES steels (DP);
- FERRO BAINITIC steels (FB);
- High RESISTANCE steels (HR);.

- for heat treatment:

- HIGH CARBON steels;
- BORON steels;
- ALLOYED steels.

NLMK Europe proposes also **other steels** for specific use in the structure or as component:

- Steels for visible parts (MS/DD/RP/BH);
- DRYZINC for improved forming;
- Organic coated steels.

2 Product and service range

To meet all your requirements, NLMK Europe proposes a very large range of products and services:

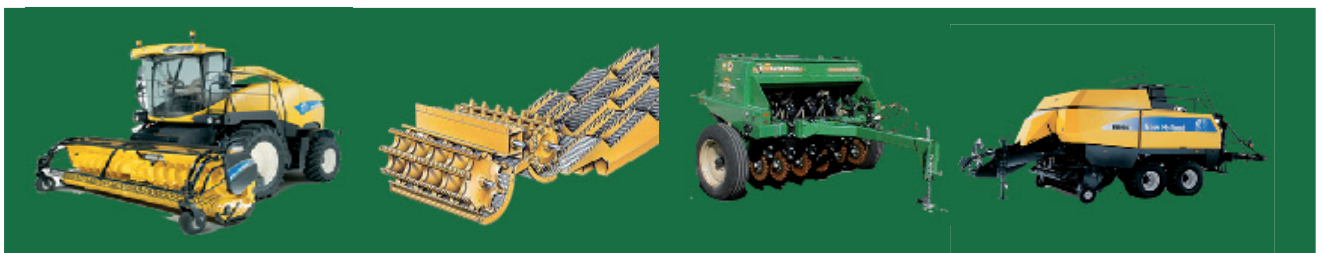
- Lingots and Heavy plates;
- Hot Rolled (HR) products;
- Cold Rolled (CR) products;
- Electro-Zinc (EZ) products;
- Hot Dip Galvanised (HDG) products;
- Organic coated products;
- Integrated Steel Service network.

3 Standards and specifications

Without particular requirement of the user, our products are processed according to Euronorm standards. On your request, our specialists will elaborate the material according to your own technical specifications.

Quality Certifications within the Group :

- ISO 9001 for La Louvière, Clabecq, Strasbourg & Beautor
- ISO TS 16949 for La Louvière, Strasbourg & Beautor
- ISO 14001 for DanSteel A/S, Strasbourg et Beautor
- ISO 18001 for Strasbourg





3 Technical information

As the workability differs from steel to steel, it is recommended to observe elementary precautions and to strictly follow the instruction given in the norms and in the technical guides before using advanced techniques for cutting, welding, forming, ...

Use and processing of Advanced High Strength Steels (AHSS) in substitution of conventional mild or low alloyed steels is subjected to prior analysis, such as static and dynamic calculations or energy absorption simulations.

Specific materials as BORON STEELS are today one of the standard most in use. Our materials are elaborated for hot quenching and we do suggest you to contact our technical department for all information you may need regarding properties after heat treatment.

Our technical experts are at your disposal for any demand or requirement. Read more about technical aspects in the individual product datasheets available via our website or through our sales representatives.

4 Network



Thanks to an proven and well established production and distribution network, we bring you the global solution for your global activities.

Moreover, we can reply on of a precise and ponctuous delivery wherever you want in Europe and in the rest of the world.

5 Contacts



Our experts stay at your disposal to propose you the right answer to your needs. Don't hesitate to contact them at the sales and production headquarters :

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