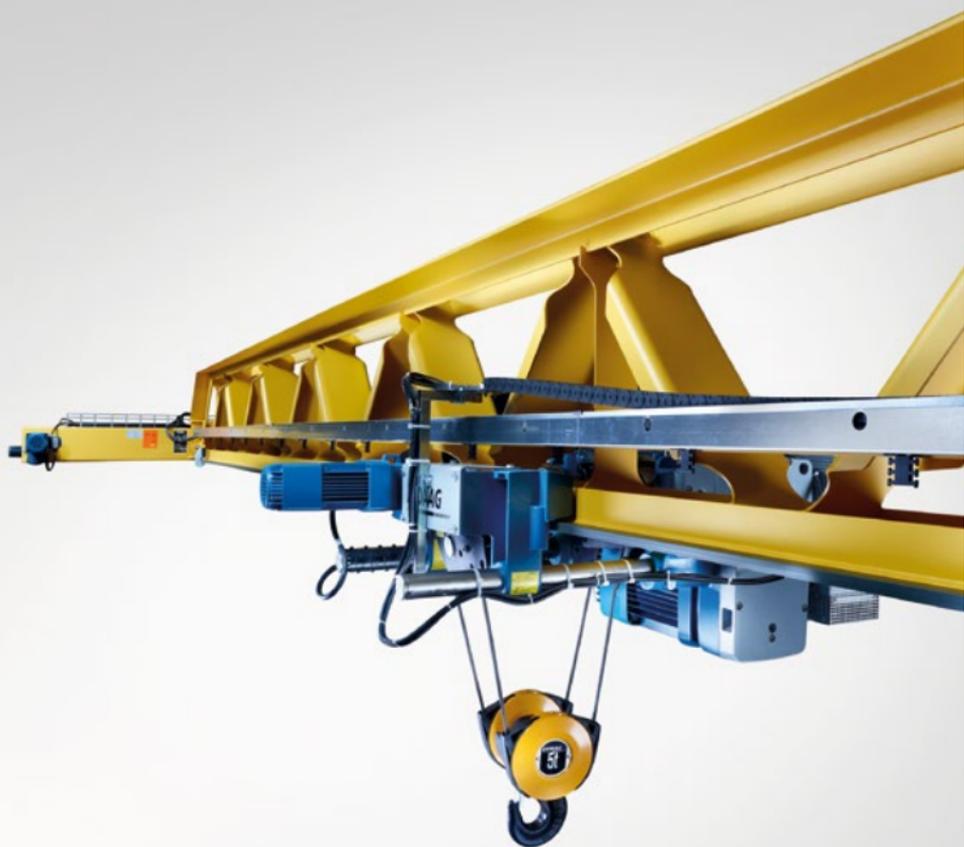


DEMAG
A TEREX BRAND

The new Demag V-type crane



Less is more

300

Cutting-edge precision.

REDUCED OSCILLATION – HIGHER HANDLING RATES.

The sophisticated design of the Demag V-type girder provides for greater load handling efficiency. Thanks to tapered diaphragm joints, the oscillation characteristics are reduced by up to **30 %**. That cuts cycle times, boosts load handling rates and ensures greater precision in handling operations – above all in the upper load capacity range. This means that heavy loads can also be positioned even faster and more precisely without the need for electronic control systems and handling rates can be significantly increased.

The key to higher handling rates: revolutionary product design.

The Demag V-type is a completely new generation of crane girder that is based on innovative design principles. Its load-optimised design with tapered diaphragm joints has advantages that will revolutionise state-of-the-art crane manufacture: oscillation characteristics are cut by up to **30 %**, crane deadweight is reduced by **17 %** and service life is more than doubled to **500,000** changes of load.

Launching in August of 2014, Demag V-type cranes will deliver significantly improved efficiency, versatility and longevity compared with conventional box-section profile girders as well as faster and more accurate positioning of heavy and sensitive loads – all resulting in considerably higher handling rates.

THE EFFICIENT GIRDER CONCEPT WITH OUTSTANDING ADDED VALUE

- Improved precision thanks to reduced oscillation characteristics
- Greater flexibility thanks to optimised deadweight
- Better quality for double the service life

17

Cutting-edge flexibility.

LOWER DEADWEIGHT – IMPROVED EFFICIENCY.

Thanks to its revolutionary design, the Demag V-type girder is **17%** lighter than conventional box-section profile girders. This reduces the forces transmitted to the existing support superstructure and provides architects with greater freedom when planning new building layouts. The light-weight design of the girder also provides greater versatility in practical terms, since the improved deadweight-to-lifting ratio results in additional load capacity.

500,000

Cutting-edge quality.

REDUCED LOADS – LONGER SERVICE LIFE.

Thanks to the high quality of manufacture, efficient, lightweight design and reduced oscillation characteristics, the crane and components are exposed to reduced loads. The resulting lower wear makes a noticeable difference in terms of cost efficiency: whereas a comparable box-section girder will manage some 200,000 changes of load, a Demag V-type crane will easily manage more than **500,000** changes of load – delivering more than double the service life.

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DEMAG V-TYPE CRANES AT A GLANCE:

Improved efficiency

- More precise positioning
- Higher handling rates
- Double the service life

Optimised deadweight

- Lower forces transmitted to existing superstructure
- Additional load capacity

Service-friendly

- More lifting points simplify assembly and installation
- Additional safety thanks to improved view

Further benefits

- Greater flexibility in headroom dimensions
- Surface area exposed to wind reduced by up to 55 %
- Reduced environmental impact

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TEREX CORPORATION

Terex Corporation is one of the world's leading suppliers of crane technology with Demag industrial cranes and crane components. The core competence of the Terex Material Handling business group lies in the development, design and production of technically sophisticated cranes, hoists and components and the provision of sales support and services for these products. The business group manufactures in 16 countries on five continents and is present in more than 60 countries, reaching customers in more than 100 countries.