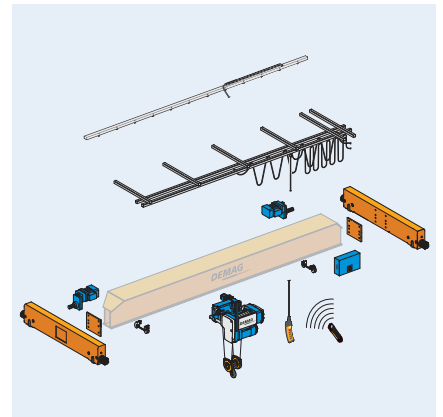


Demag crane sets

Tailored component sets for suspension and single and double-girder overhead travelling cranes



Individual configurations and time-saving assembly – Demag crane sets tailored to meet specific needs

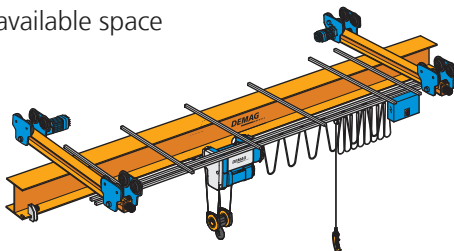


Demag crane sets are complete, tailored component packages for efficient suspension and single and double-girder overhead travelling crane solutions that save you time. They provide you with quality, efficiency and reliability at the highest level. Every component reflects

decades of Demag expertise in all aspects of crane design. Demag crane sets are based on standardised components for simple and user-friendly assembly on the plug-and-play principle.

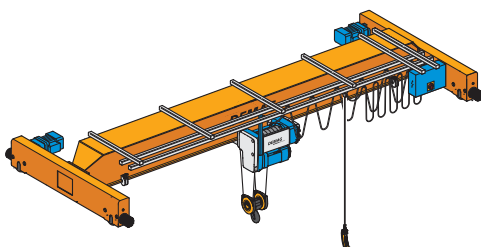
EPDE / EKDE suspension cranes

The alternative without columns for optimum utilisation of the available space



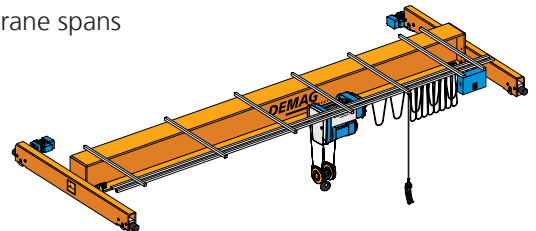
EKKE single-girder overhead travelling cranes

Maximum stability for a low deadweight



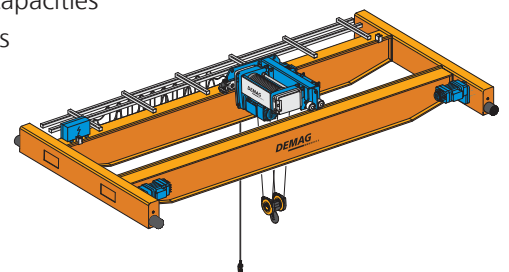
EPKE single-girder overhead travelling cranes

The favourable solution for light loads and small crane spans



ZKKE double-girder overhead travelling cranes

For high load capacities and large spans

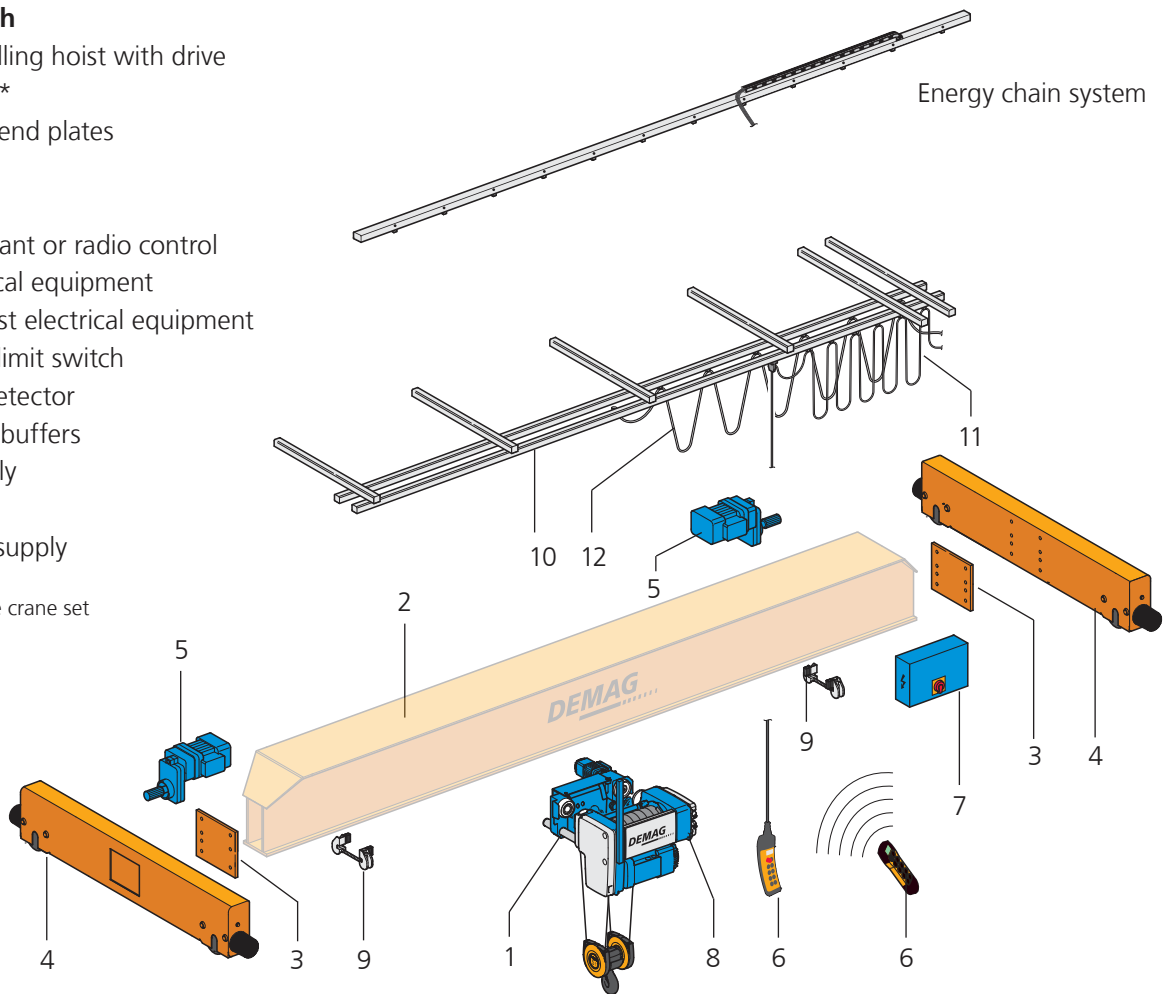




Optimum match

- 1 Crab or travelling hoist with drive
- 2 Crane girder *
- 3 Crane girder end plates
- 4 End carriage
- 5 Travel drive
- 6 Control pendant or radio control
- 7 Crane electrical equipment
- 8 Travelling hoist electrical equipment
 - with lifting limit switch
 - with load detector
- 9 Clamp-fitted buffers
- 10 C-rail assembly
- 11 Power supply
- 12 Hoist power supply

* not included in the crane set



Perfection in every detail – for maximum reliability in planning and assembly



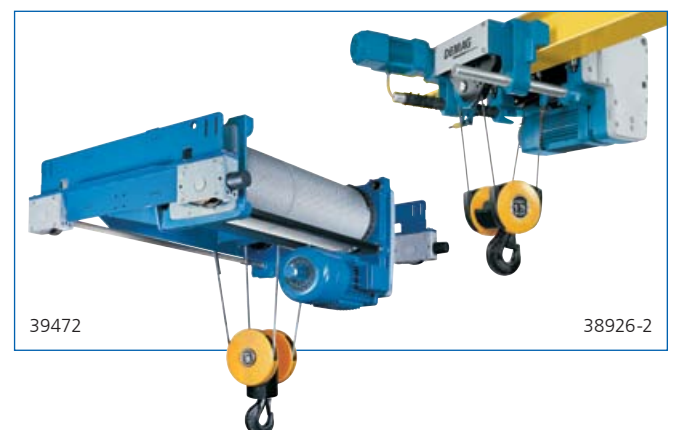
End carriages and travel units

The end carriages offer great stability thanks to their torsionally rigid, enclosed box-section profile with a reinforced connection plate and welded diaphragm plate. At the same time, they feature engineering tolerances in the connection to the crane girder.

The precise travel wheel arrangement and exact adjustment to the crane span dimension thanks to interchangeable spacer elements ensure optimum travel characteristics for minimum wear. Maintenance-free drives with anti-friction bearings lubricated for life and travel wheels made of spheroidal graphite cast iron provide for favourable travel characteristics.

Hoist unit

The Demag DR rope hoist with load capacities up to 50 tonnes offers high handling rates and efficiency. Its compact design with minimum approach dimensions and a large hook path facilitate optimum utilisation of the available space and height. Infinitely variable lifting and travel speeds ensure low-sway handling and gentle positioning, which provides for greater safety and more convenient operation.



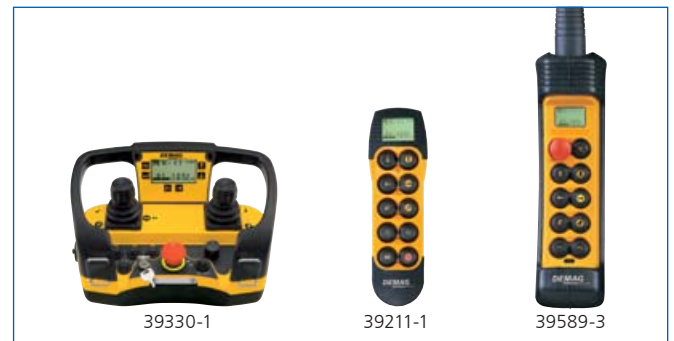


Power supply

The Demag DCL compact conductor line for 4 to 7 poles and screw-type connections ensures long-term power supply and minimises unplanned downtime. The pre-assembled elements for simple assembly or replacement of current collector trolleys or complete straight sections provide optimum serviceability. IP 23 or IP 24 high protection against accidental contact with sealing lip and integrated expansion compensation ensure optimum safety.

Control

Safe, fatigue-free handling thanks to ergonomically designed control units. The crane can be controlled both by means of a suspended DLC control pendant that can travel separately on the crane as well as via the DRC radio control system. This is available as a hand-held transmitter with proportional pushbuttons and as a joystick transmitter. Both feature variable frequency radio operation for interference-free transmission and reception.



Easy planning and ordering – fast, simple and convenient



Partners from the very beginning

Demag Cranes & Components is not only a strong partner for perfect technical solutions to meet your in-house logistics requirements. We also provide our partners and customers with support during the planning phase from the very beginning. You can use the fax form on the right for initial planning. On the basis of your fax enquiry, our sales engineers can make you an initial quotation or can contact you for any further specifications.

After you have logged into Crane Designer, you can select crane configurations online to meet your needs and order them direct. Quite simply and without any need for installation or hard disk space on your computer. Visit our virtual planning consultant at www.demag-cranedesigner.com.

Planners and plant designers can also be provided with our technical documents as conventional brochures or in electronic form on CD-ROM. This enables you to plan standard cranes using Demag crane sets precisely right from the start.



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