



**The new dimension in
crane control**

Demag ROS

DEMAG.....

A world map in light gray with two blue circular icons on the left and right sides of the Atlantic Ocean. From each icon, several yellow concentric arcs radiate outwards, representing wireless communication signals.

Demag ROS Remote Operating Station

Demag ROS enables cranes to be controlled from a remote operating station – without the need for direct line of sight to the crane.

Cranes can be operated in the same way as from a traditional operator's seat. The difference: support with real-time camera views, audio and process-related information via monitors.

Demag ROS provides a safe, ergonomic and comfortable working environment for crane operators.

Smart features such as load-sway reduction and target positioning ensure smooth crane functions and support operators.

AT A GLANCE: BENEFITS OF DEMAG ROS

- Improved operator safety and working conditions. Location of the control station can be optimised according to site requirements, instead of crane needs.
- Structural savings: No need for walkways, platforms, etc.
- The cranes can be operated from one control position without the need for crane-specific control chairs.
- Multiple perspectives: Cameras show different perspectives and also provide views of areas that are otherwise not in the line of sight.
- Reliable and proven software

Control centre

Widescreen monitor



Camera system



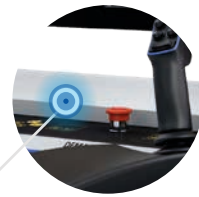
ROS control centre

Control and communication unit

OPTIONAL:

Operator touch panel at control desk

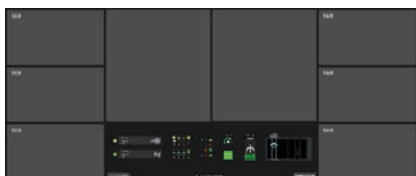
- Visualisation of crane and process-related information
- Display showing crane operation-related functions and settings



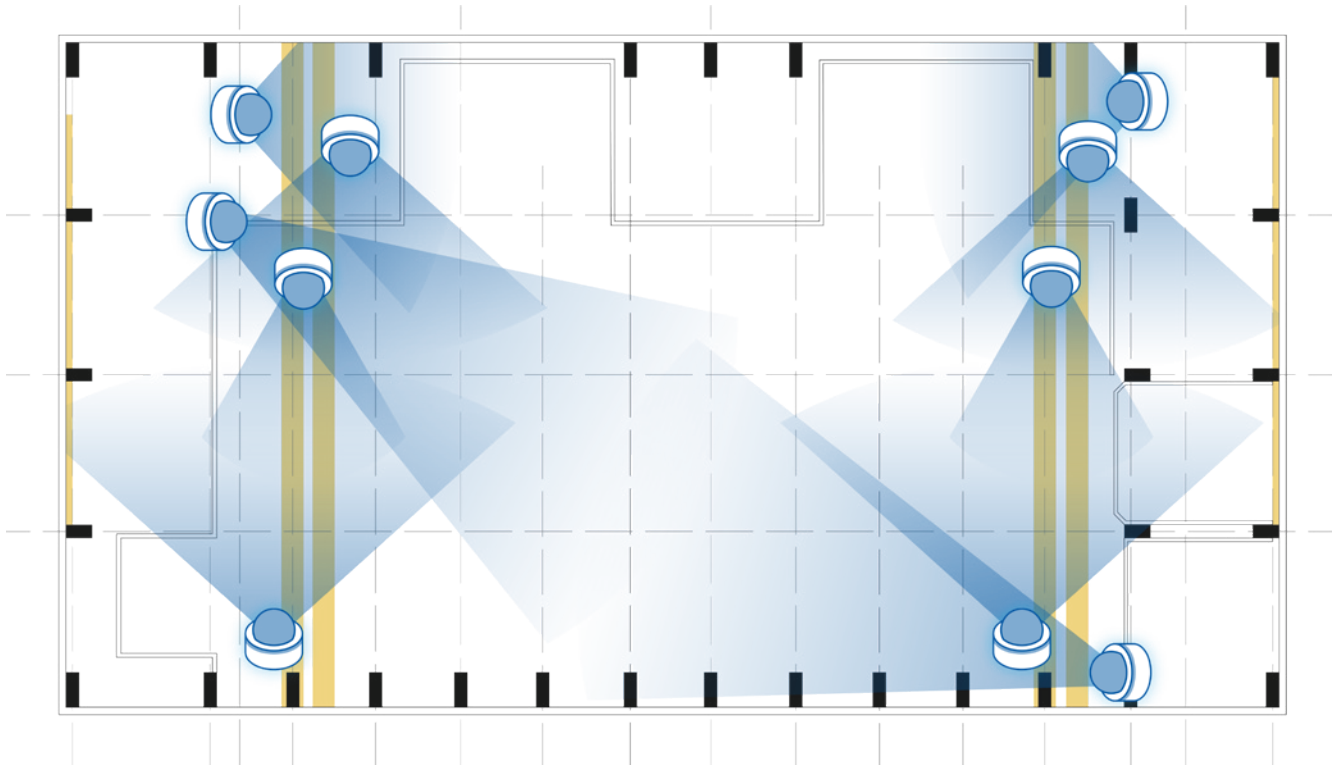
- Two multi-directional field bus controllers
- Ergonomic and adjustable armrests
- Emergency-stop button located in the centre console

MAIN MONITOR

- Crane and process-related information can be visualised on large, ergonomic monitor
- Low-latency video streams from the camera system
- Crane and process-related information
- Speakers on the screen for crane and ambient sounds
- Joystick for controlling camera views and for optional PTZ-cameras (pan-tilt-zoom)
- Monitor for camera views and information bar
- Monitor layout can be configured (based on the number of cameras)



Multiple perspectives with the camera system



Camera layout (example)

DEMAG CRANES & COMPONENTS GMBH

Wetter Site

Ruhrstrasse 28

58300 Wetter, Germany

E info@demagcranes.com

T +49 2335 92-0

F +49 2335 92-7676

www.demagcranes.com

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