
2D / 3D passiv designed for Liebherr

Leica machine control systems

LIEBHERR

Earthmoving



It's all under control – Liebherr is extending its range of machine control systems to make its excavators faster and more productive.

Two options, designed for Liebherr by Leica Geosystems, can now be factory-fitted to the R 914 Compact to R 956 crawlers and to the A 913 Compact to A 920 wheeled excavators ex works.

The 3D system is provided with all the components to enable 2D utilisation and includes a basic training day at Leica or one of its partners. Up to 30 buckets can be configured.

The Leica 3D machine control system can communicate with virtually all the base stations of the main players on the market.

4 machine control systems are available:

- 2D iCON IXE3 “3D Ready” passive Leica designed for Liebherr
- 2D iCON IXE3 “3D Ready” semi-automatic Leica designed for Liebherr
- 3D iCON IXE3 passive Leica designed for Liebherr
- 3D iCON IXE3 semi-automatic Leica designed for Liebherr

Standard equipment in a ‘Leica for Liebherr’ package includes a laser receiver, compass, roll / pitch sensors and a remote display.

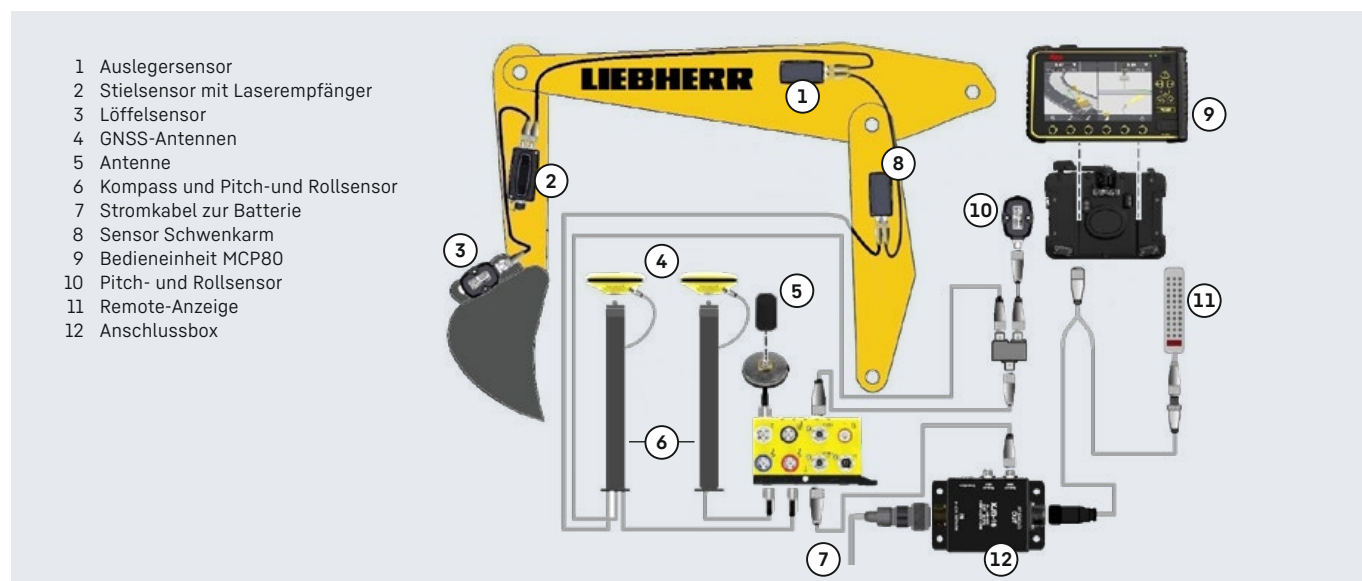


Diagram of 3D iCON IXE3 passive Leica designed for Liebherr on luffing crane. Components (4), (5) and (7) are not included in 3D Ready systems. They are added when a 2D or 3D Ready system is upgraded to a 3D system.

Since 2023 Liebherr has also been offering “3D Ready” variants. The possibilities are as follows:

- Upgrading the passive system to a semi-automatic machine control system (for Generation 8 machines)
- Upgrading the 2D „3D Ready“ system to a 3D system

On Generation 8 models, semi-automatic control will be possible only possible with the Leica system designed for Liebherr. Liebherr is working on a development that will enable Liebherr Tiltrotators to be used semi-automatically in the future. In the meantime, Liebherr Tiltrotators can be used passively with the Leica machine control system.

Please contact your dealer with any inquiries.