

Leica MSS420 Dredging Sensors

Improved dredging operations for underwater applications



The Leica MSS420 dredging sensor for underwater applications is part of the Leica MSS400 sensor series. It also incorporates SP Technology, meaning that the operator benefits even in offshore applications from ease-of-use, unrivalled flexibility, and the highest precision at the fastest speed available on the market.

Reinforced components such as pressure tight connectors, a robust sensor housing, rugged cabling and stainless-steel brackets make these sensors usable down to 40 m at 5 bar pressures. Equipment for underwater excavating has never been so reliable and robust. The Leica MSS420 dredging sensors can be programmed to boom 1, boom 2, stick, bucket and even tilt sensors.

Key benefits

- Increase your excavator's speed, precision and productivity
- Increase your field of applications by adding underwater applications to your portfolio
- Increase uptime due to a 20 per cent decrease in installation and performance time and 30 per cent decrease in calibration time
- Protect your jobsite from over digging due to SP Technology
- Visualise the movement of the machine in real-time on the display, drastically reducing operator error
- Eliminate "dead spots" with 360-degree range of motion accurate reading

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- when it has to be **right**

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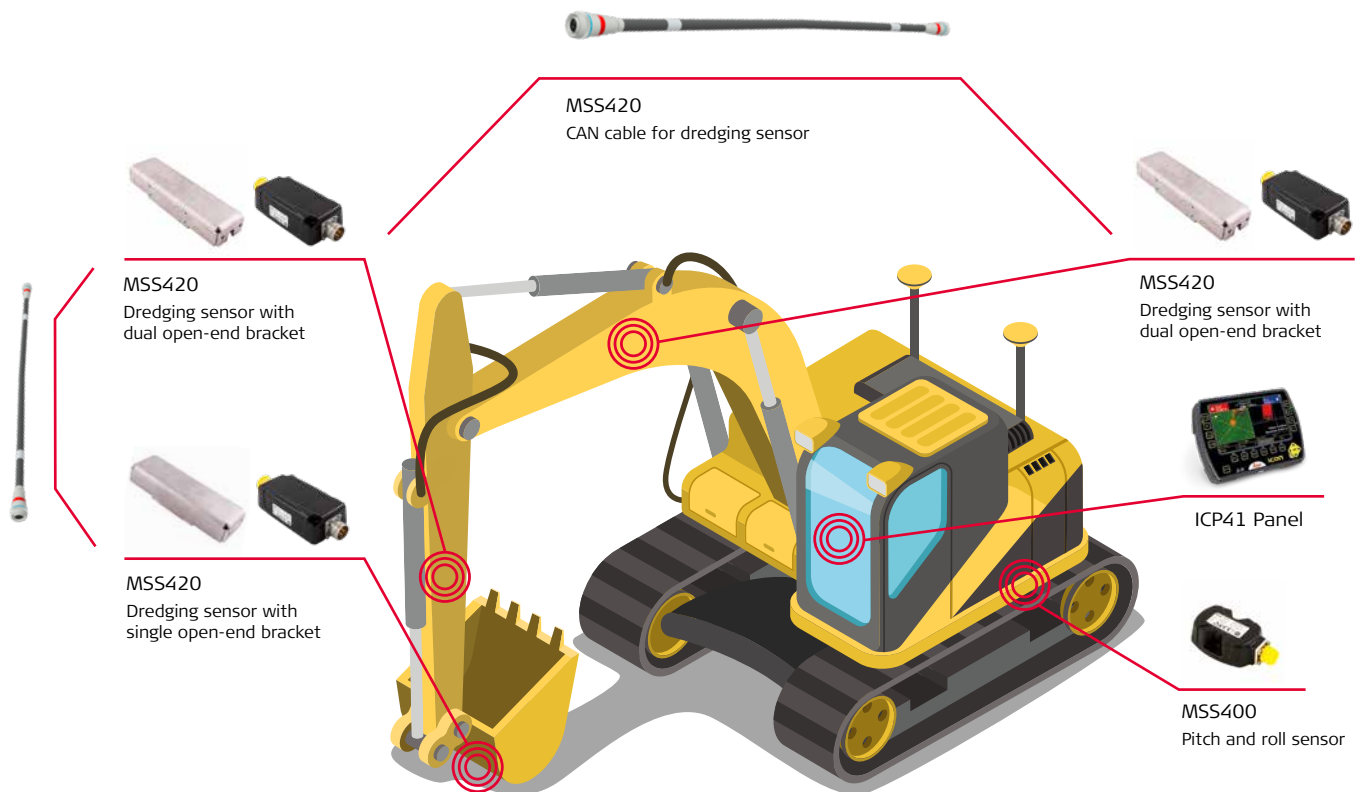
MSS420 Dredging Sensors – MSS400 Series Sensor SP Technology and resilience combined

Leading-edge sensor technology

SP Technology offers better dynamic update performance of the machine's positions, allowing the machine to move faster and still keep guidance values on the operator's panel accurate. More precise angle calculation enables the machine to be used more efficiently, and the more robust and tougher design reduces the downtime of the excavator.

No learning curve, no hesitation

All excavators equipped with iCON excavate and GNSS can be easily updated to get the full benefit of this incredible SP Technology. The Leica MSS420 dredging sensors are built on the MSS400 Series Sensor technology but designed with marine applications and extreme environments in mind. The programmable MSS420 sensors make the changing of sensors easy and their robust components give you safety in your job.



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