Leica iCON iGD3/ iGD4^{SP} – Intelligent 3D grading solution for dozers
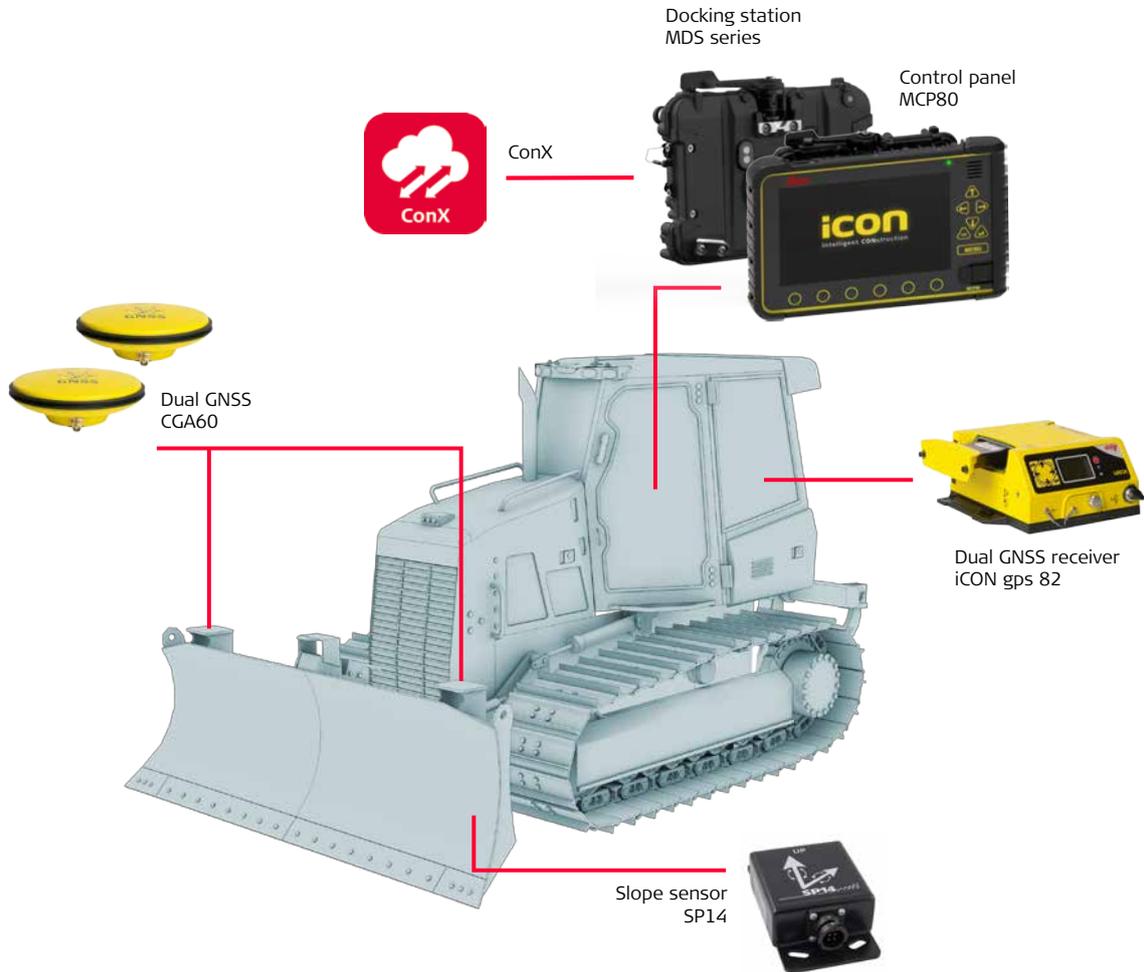
The iGD3 3D dozer solution opens new dimensions in earthmoving and fine grading. It brings the design surfaces and alignments inside the cab. Work independently and accurately anywhere on the project design, guided by GNSS or total station.

BENEFITS OF IGD3/IGD4^{SP}

- User-selectable views (e.g. Plan View, Cut & Fill View)
- Visible display screen, even in sunlight.
- iGD3 remembers all your settings
- Scalable from 2D to full 3D capability
- Create a reference surface with up to four slopes

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Dozer 3D solution

Docking station
MDS series

Control panel
MCP80

ConX

Dual GNSS
CGA60

Dual GNSS receiver
iCON gps 82

Slope sensor
SP14

Leica iCON iGD3

The Leica iCON grade iGD3 solution can dramatically increase machine utilisation and productivity and optimise material usage on any earthmoving and fine-grading contract. It can be used with a wide range of sensors and combines ease-of-use with unrivalled flexibility and a powerful and intuitive user interface.

Leica iCON iGD4^{SP}

iGD4^{sp} is ideal for dozers with six-way (PAT) blades. Having a second GNSS antenna on the blade will improve the accuracies your dozer can achieve when working in very demanding environments such as steep slopes with the blade fully angled.

Other available options:

On-cab configuration

Single GNSS configuration

Prism configuration