iCON grade

iGD4^{SP}, 3D dozer system

Multiply your dozer's performance by the power of SP!

User definable views such as Plan View and Cut & Fill View

Crisp, clear, high resolution daylight readable display

Integrated SIM card slot for connection to iCONnect services

Industry standard data Formats

iCON 3D machine software supports standard file formats such as .dxf and LandXML eliminating the need for a proprietary office software Package to convert data files.

Dual GNSS configuration

iGD4^{SP} is ideal for customer's who have a six way (PAT) blade mounted on their bulldozer. Having a second GNSS antenna on the blade will improve the accuracies you can achieve when working in very demanding environments such as steep slopes with the blade fully angled.

iGD4^{SP} gives you:

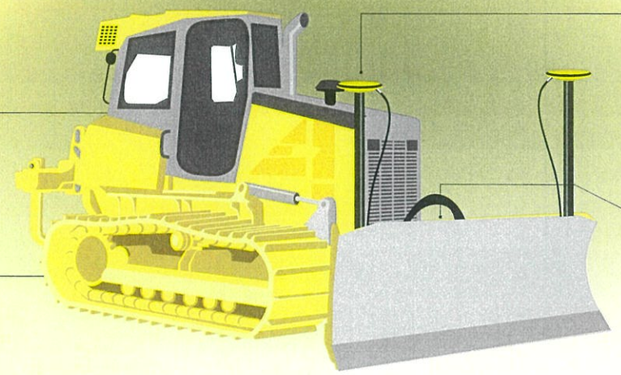
Speed and Precision

Productivity

Scalability

iCP42 control panel

iCG82 GNSS machine receiver



CGA60 GNSS antennae

SP14 sensor

Combining SP Technology with a dual GNSS antenna solution allows the customer to operate their machine at full speed, while the blade is angled to efficiently control material from pass to pass.

A customer can purchase an entry level GNSS system, iGD3 and then add additional components to the system as their projects dictate growing their system to a state-of -the art iGD4^{SP} dozer system.

iCG82 GNSS receiver

Leica iCON gps 80 is a compact and rugged GNSS receiver especially dedicated for a wide range of machine control applications to increase the overall positioning performance on all construction equipment; such as dozers, excavators, wheel loaders, drilling rigs and pavers.

SP sensor

Leica Geosystems sensor technology provides high precision at higher speeds

Thanks to its unrivalled speed and precision, SP technology offers you new possibilities. The improved hydraulic control allows faster grading with more consistent results. The need for rework and the need for different machines will decrease dramatically. Maintain speed without sacrificing precision.

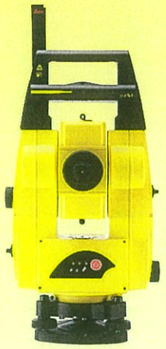
iCONstruct

Seamless integration with one user interface

Invest in the solution you need today and have the flexibility to expand your product portfolio based on your future needs tomorrow.

Leica Builder
Intuitive, powerful and scalable series of total stations for routine construction tasks on site.

Leica iCON robot 50
One-person operation, saving time and increasing productivity when carrying out layout tasks and as-built checks.



Leica iCON CC65/CC66
Rugged, mobile tablet PC with enhanced connectivity and functionality.

Leica iCON gps 60
Versatile smart antenna for multi-purpose positioning tasks.

Leica iCONstruct field software
Core central interface to all iCONstruct sensors and devices with unmatched simplicity with no compromises on functionality.

Leica iCON CC55
Lightweight, handy PDA for easy and efficient field work.

Leica iCONstruct office software
Data preparation and verification of simple and complex project plans.