

塑造智慧变革



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海克斯康



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Leica iCON Grade Solution

徕卡平地控制系统解决方案

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Agenda 目录

1. What is the Leica iCON Grade Solution?
2. How does it work?
3. Increase of the Productivity of the Machine
4. The new Leica iCON Grade On-Cab Dozer Solution

1. 什么是徕卡平地控制系统?
2. 它是如何工作的?
3. 提升机械生产效率
4. 徕卡全新推土机驾驶室安装方案

Industry Trends 行业趋势

Major Capital Projects 主要基本项目

主要基本项目

80%

Over Budget
超预算

20%

Over Schedule
超期

Productivity gap =
\$1.63 trillion

\$37/hour



\$25/hour

Average value added by
employees per hour worked¹

Labor productivity, gross value added per hour worked, constant prices,¹
index: 100 = 1995



¹Based on 2010 prices.

McKinsey&Company | Source: Organisation for Economic Co-operation and Development



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Imagine...

想象...



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Imagine...

You would have Tools to help
you within your Project to be:

想象...

您需要方案来帮助您完成项目:



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“

Imagine...

You would have Tools to help you within your Project to be:

- ON **TIME**
- ON **BUDGET**
- ON **SPECIFICATION**
- Work with **INCREASED SAFETY**

想象...

您需要方案来帮助您完成项目:

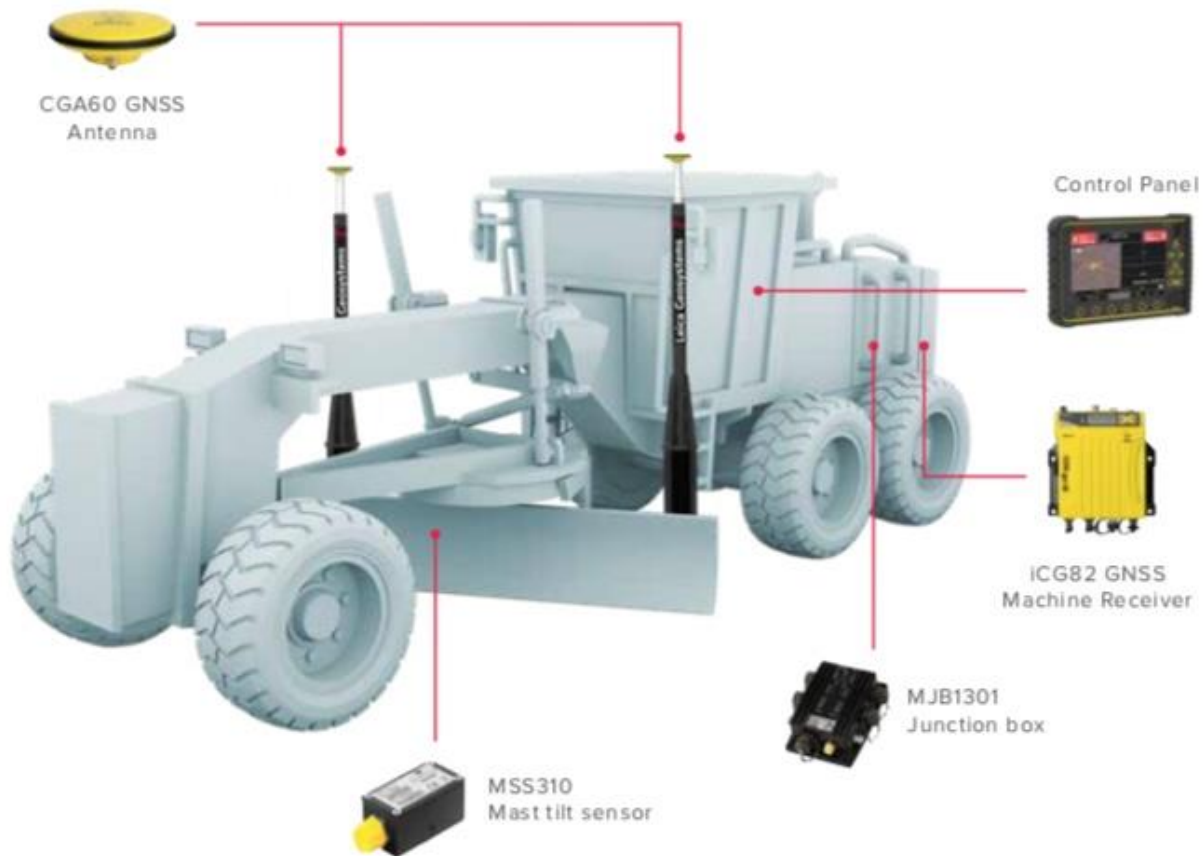
- **按时**
- **预算内**
- **按照设计数据**
- **更安全工作**



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What is Leica iCON Grade Solution?
什么是徕卡平地控制系统？

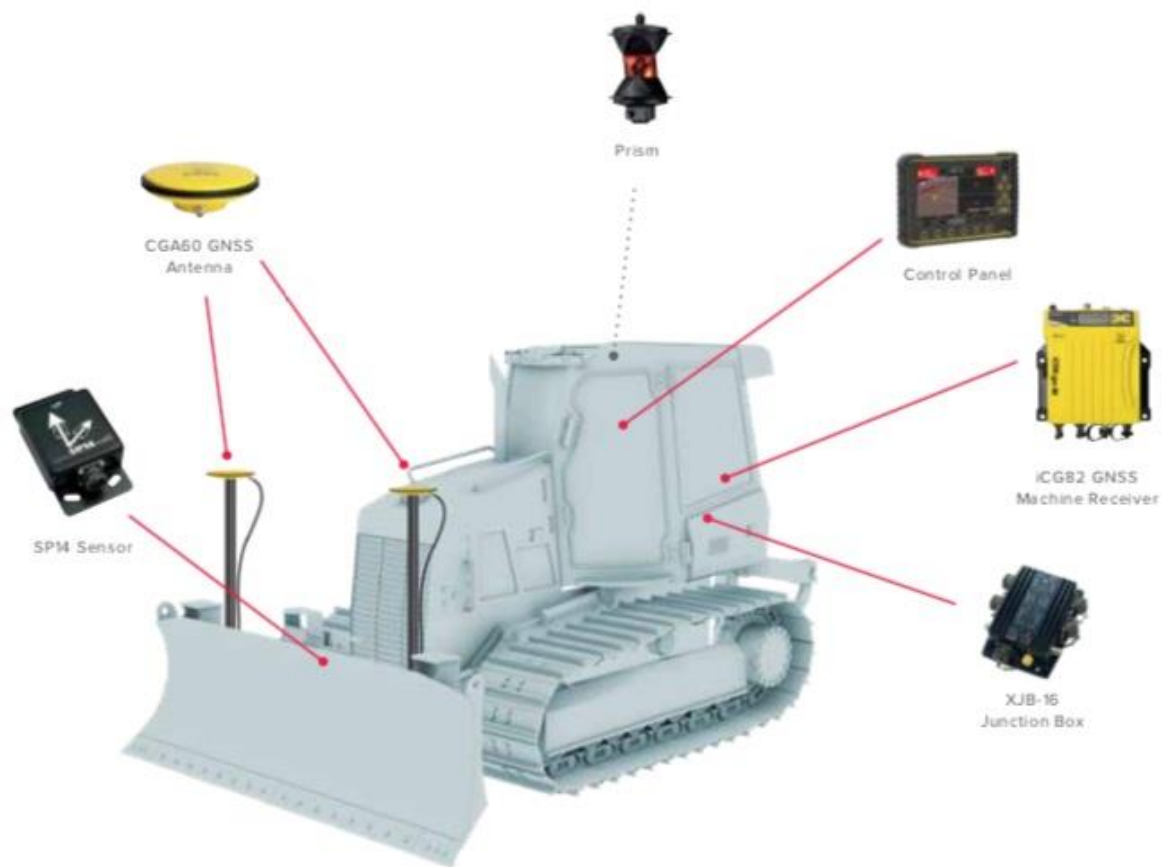


OPTION 2



Components 3D Grader System 徠卡3D平地控制系统 – 平地机版组成

Increased Speed and Quality 快速、高精度施工

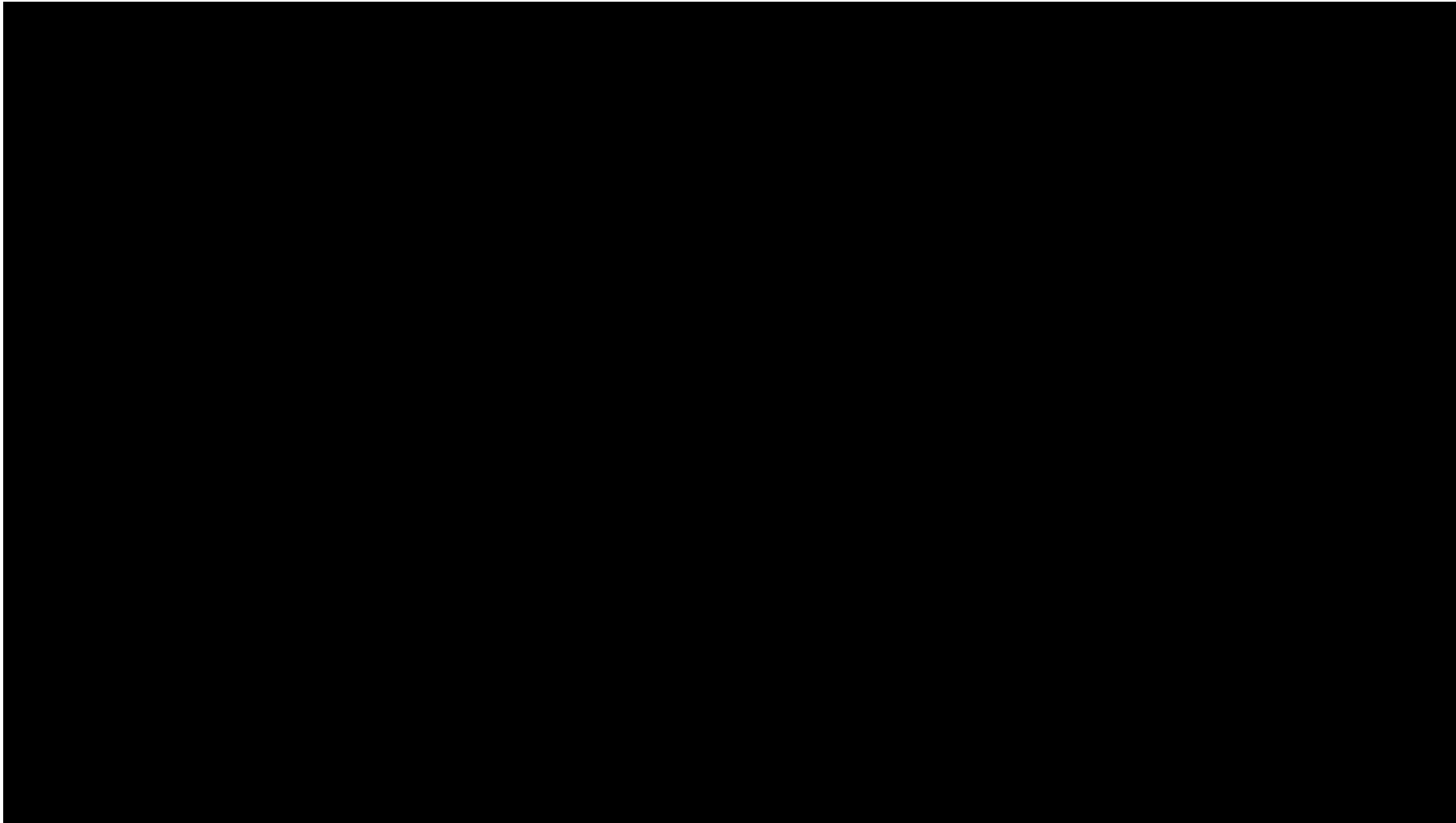


Components 3D Dozer System

徕卡3D平地控制系统 – 推土机版组成

Less Rework and faster Operation – even with unexperienced Operators

快速施工、减少返工 – 即便是没有经验的操作手





Increased Productivity and Efficiency of
the Grading Machines
增加平地机械的施工效率

The Benefits using Leica Machine Control on Dozers and Graders...

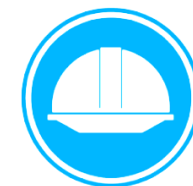
使用徕卡平地控制系统的优势...

- Job Site Preparation / Stake Out
 - Less People on Site needed
 - **75%** Reduction in Time
- Earthworks using Leica Machine Control
 - **31%** less Man Hours
 - **34%** less Equipment Hours
 - **46%** less Project Hours
 - **37%** less Fuel Consumption
- So a 10-30% Price Increase of the Machine gives you **50-60%** Productivity Increase
- **Payback** of the Leica Machine Control System (depending on the Project) is about **6-12 Months**
- 工程准备/放样
 - 更少人员
 - **75%** 时间节省
- 土方工程应用徕卡机械控制
 - **31%** 人员时间节省
 - **34%** 设备时间节省
 - **46%** 项目时间节省
 - **37%** 燃油消耗节省
- 10-30%成本增加带来50-60%效率提高
- 基于不同项目状况，徕卡机械控制系统**6-12个月**即可收回成本

Or in other Words it will give you...

另一方面来讲它可以带给您...

- Being able to build on **Time**:
 - Build it right the first Time = Less Re-Work
 - Less Stops to verify Level (Grade)
 - Reduces the Dependency on Surveyors on Site
- Being able to build on **Specification**:
 - Higher Accuracy
 - = Better Material Movement and Usage
 - = Higher Quality
 - = Less Maintenance later on
- Being able to build on **Budget**:
 - Increase the Performance and Speed of the Machine = Less Machine Maintenance
 - Less Fuel Consumption
 - Less Staff / Workers on Site = Increased Job **Safety**
 - Complete the Job faster and get the **Bonus**
- **按时完工**:
 - 一次完工= 减少返工
 - 减少复核带来的停工
 - 减少对测量人员的依赖
- 按照**设计数据**施工:
 - 高精度施工
 - = 更好的物料使用和节省
 - = 高质量
 - = 更少的完工维护
- 按**预算**施工:
 - 增加工程机械表现和速度= 更少的机械维护
 - 更少的燃料消耗
 - 更少的现场人员 = 增加现场**安全**
 - 更快完工, 节省**成本**





The new Leica “On-Cab Solution”
徕卡全新驾驶室安装方案

Customers love our Solution – it makes it so easy for them! 简单应用、无需桅杆！

Thank You!



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