

Leica Geosystems **TruStory**

Leica MC1200 for Increased Productivity



■ Company

McMullan Plant Hire and Construction

■ Challenge

Fast site preparation work on the Mastercare site

■ Project Summary

Instruments

Leica MC1200

Leica Rugby 400

■ Benefits:

- Easy to use, drivers can quickly start working
- Reduces the number of people needed to carry out tasks
- Saves time

Grantham based McMullan Plant Hire and Construction hired their DC5 Dozer to Geraghty Construction Ltd to carry out site preparation work on the Mastercare site at New Link Business Park, Newark. The machine has been fitted with a Leica MC1200 GPS Machine Navigation Sensor supplied by Sleaford based AA Lasers Ltd.

Work began on the £22 million contract in Autumn 2005, the task was to design and construct a distribution facility for Mastercare Service and Distribution Limited. The site was due for completion in April 2006 and houses warehouse accommodation, office space and a remote vehicle maintenance unit across a 750,000 square foot area spanning some 18 hectares.

McMullan Plant Hire and Construction is a well-established business with over 20 years in the construction industry, their area of expertise is plant hire, muck shifting, formation work and stone levelling. The Dozer being used on the Mastercare site is responsible for all the site preparation work.

When initially on hire to Geraghty Construction the Dozer was not fitted with any machine automation solution. Convinced by their laser dealer AA Lasers Ltd., McMullan Plant Hire and Construction opted to fit the Leica MC1200 to their Dozer. 'We have seen immediate benefits from the Leica MC1200' explains Paul McMullan, Owner of McMullan Plant Hire and Construction' The job we are working at Mastercare would usually require three people for tasks such as stringline checking, with the Leica MC1200 we only need the driver, and the instrument gives him all the support he needs '.

- when it has to be **right**

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The Leica MC1200 features a cab mounted display panel; in addition McMullan Plant Hire and Construction use a dual mast set up for laser receivers, the Leica Rugby 400 also from Leica Geosystems is used with a heavy duty tripod. The system is fully upgradeable to be used with a total station or GPS system.

'The Leica MC1200 has been quickly picked up by our driver, it's easy to use, saves time and is quick to set up, we are able to charge a premium to companies hiring the machine and we have already won contracts as a result of having the machine', explains McMullan. He continues: 'This type of system is the way forward, there is a need to invest in technology to be competitive in a very competitive market'.

Speaking about the system Andy Jackson of AA Lasers Ltd. commented: 'There is obviously a fair sized outlay when investing in the Leica MC1200, however pay-back is prompt and reputation is increased with the use of the system making real long term benefits for the user'.