



SUPPORTING COUNCIL'S DECARBONISATION GOAL WITH INTRODUCTION OF ALL ELECTRIC LINE MARKING MACHINE AND COLD APPLIED PAINTS

CASE STUDY



Nottingham
City Council

CN28
Carbon Neutral Nottingham 2028



MEON
DELIVERING GREAT SURFACES

ELECTRIC LINE MARKING MACHINE ASSISTS WITH COUNCIL DECARBONISATION GOAL

OVERVIEW:

Nottingham City Council are always actively looking for ways to drive down carbon emissions and provide their public services with the most efficiency, whilst staying as green as possible. Nottingham is on its way to becoming a carbon neutral city by 2028, and by implementing changes and meeting smaller objectives of their decarbonisation strategy, this goal is within sight.



Matt Ralfe, The City Council's Innovation and Change Manager, has the responsibility to ensure new sustainable technologies are being implemented within the day-to-day operation of Nottingham City Council's services.

"We're aiming to be carbon neutral as a city, by 2028. Within that wider goal, there are many smaller goals where we think we can become neutral. We are trying to drive down carbon emissions as quickly and as far as we can."

Matt Ralfe - Innovation and Change Manager

One of the council's areas for innovation was within the Nottingham Parking Services Team. The focus was to find more effective and sustainable ways to provide line marking services, whilst being align with the overall goals to promote the city council's ambitions for decarbonisation and build a better environment in Nottingham City for the future.

"Nottingham City Council's Parking Team are on a real push towards sustainability. It's quite tricky within parking services as we are reliant on the cars and visitors to the city, but we're really moving towards encouraging more sustainable vehicles, for example, the 80 charge points in Broadmarsh carpark which are powered by the 720 solar panels on its roof. We really want sustainability at the heart of everything we do within parking, including this electric line marking machine."

Matt Ralfe

PROJECT:

Nottingham City Council Parking Services traditionally outsourced their line marking, but with large parking assets such as multi-story and surface car parks, great amounts of funding are required to maintain and keep such services up and running.

"Line marking within Parking Services is new for us, traditionally this was outsourced. Due to the number of parking assets we have across the city, the size of the operation and the amount of funding required to keep on top of that, this technology really helps."

Richard Fowler - Parking Services Operations Manager

Following the purchase of a ES 1000 Electric Line Marking Machine, NCC Parking Services were invited to the training academy to learn the complete process of line marking self-delivery, provided by Meon.

"Great training, thorough and tailored to meet our needs. We are getting results now and that is evident with the work we have completed so far, on our estate."

Richard Fowler

METHOD:

Self-delivery of cold applied line marking paint is easier managed, requiring less equipment, and more is convenient, meaning less disruption to the City of Nottingham.

The self-delivery process is fully electric, reduces costs, provides a professional finish, and encourages NCC Parking Services Team to learn a new skill and gain more job satisfaction.





The ES 1000 delivers a 60% reduction in carbon emissions alone, coupled with the electric vehicles used to transport and help provide the line marking service, this figure moves into the 90% range of carbon savings.

90%

Carbon Savings
- When used in
conjunction with a
Electric Vehicle

"It supports the council's carbon neutral ambitions, the process from start to finish is fully electric. That reduces costs, the time it takes to get work done, it improves the look of our car parks, and our engineers are getting quite a bit of job satisfaction from the result. It's important that we work as one council and we can clearly see how we are starting to work towards the councils carbon neutrality ambitions."

Richard Fowler



RESULT:

Nottingham City Council's self-delivery of line marking, using the ES 1000 electric line marking machine, results in a more economical, cleaner, and greener method of practise. Alongside benefiting the operatives using the equipment, but also Nottingham's residents, with quicker service time and less noise.

The City Council will continue to be self-sufficient within their Parking Services Team, who are now leading the way by implementing greener alternatives for operations within the council.

The self-delivery of line markings means their parking assets are maintained, not only more efficiently, but more environmentally friendly. This ensures Nottingham City Council are on the fast track to hitting all their carbon neutrality objectives and achieving a carbon neutral city, by 2028.



SYSTEMS USED:

GRACO LINELAZER ES 1000 | Electric Line Marking Machine



The LineLazer ES 1000 Graco Line Marking Machine is powered by a high-output battery - allowing it to be used safely indoors while having the power and performance needed for all jobs.

Go Green with this quiet, fume-free striper! No engine noise, no engine vibration and no engine fumes. Simply plug in to recharge, no need for battery removal.

Full training packages are available from Meon, ensuring that proper usage of the machine is undertaken. Training is available onsite or at the Meon head office.

PRODUCT FEATURES

- Industries best exclusive Graco Endurance pump
- Graco FastFlush cleaning system reduces cleaning time
- Innovative gun adjustment system
- Long lasting 100AH AGM lithium battery

CUSTOMER BENEFITS

- No engine noise - Improved user safety
- No exhaust fumes - Less emissions perfect for indoor use
- No vibration - Better quality lines
- Pressure controlled to deliver consistent lines

RECOMMENDED USE



Highways



Car Parks



Warehouses



Facilities

SPECTRUM VIALINE F216 WHITE | Cold Applied Line Marking Paint



Spectrum ViaLine F216 is a solvent based line marking paint, which is ideal for refreshing thermoplastic lines to minimise build up. ViaLine F216 is toluene free, which means it is less harmful to the environment and safer for the user.

- Bright vivid colours for excellent line brightness increasing user safety
- Ideal for refreshing thermoplastic lines to minimise build-up and reduce application times

MEON UK

RAILSIDE | NORT HARBOUR SPUR
PORTSMOUTH | PO6 3TU

T: +44 (0)808 118 1922
E: MAIL@MEONUK.COM
W: MEONUK.COM

MEON IRELAND

CARRICK HOUSE | 48 BRIDGE ROAD
BURREN | WARRENPOINT | BT34 3QT

T: +353 (0)1 840 7647
E: INFO@MEONIRELAND.COM
W: MEON.IE