



VAN ELLE
CANADA

EXPERTS IN GEOTECHNICAL AND GROUND ENGINEERING SOLUTIONS TO THE RAIL SECTOR.

→ Specialist Road Rail Vehicle Fleet

The Van Elle fleet is modern, well maintained and specifically built for heavy lift and Piling applications, utilising some of the most advanced attachments available.

→ A track record of 550+ completed Rail projects.

Including over 170 stations, major electrification schemes, re-signalling projects, track bed stabilisation, slope retention, sheet piling and ground investigation.

→ A Pioneering Approach

Van Elle have been pioneers in the field of major electrification and infrastructure schemes using on track plant. The development of unique solutions such as Track Bed Stabilisation (TBS) and unique machines and attachments set Van Elle apart from the competition.

RECENT CASE STUDIES

ELECTRIFICATION

Gantries and Overhead Line Equipment (OLE)

Midland Mainline Electrification

Client: SPL

Van Elle installed over 3500 CHS piles to date for SPL between Bedford and Kettering as part of the electrification of the midland mainline. The team also undertook structures installation, bored piles, sheet piling and King Post walls as part of the upgrade to the route.

Core Valley Lines Electrification (CVL)

Client: Amey Infrastructure Wales

Van Elle have installed 1000+ piles to date for the Electrification of the south Wales Metro.

Great Western Electrification (GWRM)

Client: Amey, Balfour Beatty, ABC

Van Elle installed installed over 3000 OLE foundations, platform piles, bored piles, bridges and infrastructure over a five-year period.

Track upgrades

Maidenhead

Client: Balfour Beatty Rail

10m long sheet piles and return anchors for slope retention to facilitate track widening over Christmas and Easter blockades

BRIND Phase II

Client: Network Rail

Track Bed Stabilisation (TBS) installation utilising Van Elle SMART piles





Bridges and Structures

Stockley Junction

Client: Carillion

Van Elle installed over 1600 sheet piles for the Heathrow Express Up Airport Route to allow existing track retention. All piles were pre augured using four number Klemm rigs

Stamford Tunnel

Client: Amco

Van Elle assisted Amco with the tunnel strengthening works at Stamford Tunnel. This project involved lifting steel strengthening Beams into the roof of the existing tunnel using a movax manipulator attachment, the first of its type in the UK.

Station & platform upgrades

White Rose Station, Leeds

Client: Spencer Group

Van Elle delivered the piling works and soil nail retention system for the construction of the new white rose station in Leeds. The platforms were constructed on top of an existing railway embankment.

Brent Cross West Station

Client: Amey

Van Elle delivered the piling works for the new Brent Cross station working between the existing tracks of the midland mainline. Utilising Any track Open (ATO) control measures allowed for an efficient and timely delivery of the project.

ON TRACK SOLUTIONS:

Capabilities

- Overhead Line Equipment (OLE)
 - Structure installation
 - Resignalling schemes
 - Civils packages
 - Plant hire

Techniques

- Steel tubular piles - Circular Hollow Section (CHS)
 - Bored concrete piles
 - Sheet piles
 - Anchors and soil nails
 - King post piles/UC Sections
- Drilled piles (Elemex/Superjaws)
 - Track Bed Stabilisation (TBS)
- CFA (Continuous Flight Auger)
 - Screw/Helical piles

Visit our
website
here



FLEET LISTING

COLMAR T12,000FS WHEELED



| | |
|---------------|--|
| Weight | 37 tonnes |
| Length | 10.5m (Rail Configuration - Extended) 9.2m (Road Transport Configuration) |
| Width | 2.7m |
| Mast | (height) 3.5m |

COLMAR T10,000FSCG TRACKED CRANES



| | |
|---------------|--|
| Weight | 42 tonnes |
| Length | 10.5m (Rail Configuration - Extended) 9.2m (Road Transport Configuration) |
| Width | 2.7m |
| Mast | (height) 3.5m |
| Reach | 15.2m |

COLMAR T10,000FSC TRACKED



| | |
|---------------|-----------------------------|
| Weight | 42 tonnes |
| Length | 8.0m |
| Width | 8.3m (2.53m when retracted) |
| Mast | (height) 3.5m |

RA310 HD LSR JCB TRACKED EXCAVATOR CRANE RRV



| | |
|---------------|-----------|
| Weight | 31 tonnes |
| Length | 4,565mm |
| Width | 2,761mm |

BENEFITS

- The Van Elle fleet is equipped with high integrity ATO (Any Track Open) control systems and high performance RCI systems, ensuring maximum safety performance and efficiency on track.
- A modern and well-maintained fleet gives Van Elle the best credentials for delivering infrastructure projects where safety and performance matter most.
- Innovative and efficient techniques have been key to the development of the Van Elle fleet.

Contact Us

For more information please contact our specialist rail team on railenquiries@van-elle.ca or visit our website www.van-elle.ca

Or if you have a particular query or question that you would like to discuss please contact Van Elle Canada rail team on:

John Allsop - Engineering Director, Rail

E | John.allsop@van-elle.ca M | 437-997-0407

Kyle Holmes - Project Manager

E | Kyle.holmes@van-elle.ca M | 519-546-3678

David Buckley - Director of Rail & Strata Geotechnics

E | david.buckley@van-elle.co.uk M | 07884 497623