



Durable, Reliable and Safe

# Adien



UTSI ELECTRONICS LTD



PipeHawk plc  
Underground Intelligence

## PipeHawk plc





*The UK's Leading  
Utility Detection & Mapping Services Company*

Adien Limited was established in 1997 and is part of PipeHawk plc, a listed company specialising in leading edge detection systems in the field of land mines and utilities detection. Adien standards are the industry benchmark that others adhere to.

Adien employs highly trained staff who work in teams, utilising a fleet of custom built vehicles which are fully equipped with the latest detection and surveying technology.



Defence



Energy



Telecoms



Transport



Gas & water



Health & safety



***The UK's Leading  
Utility Detection & Mapping Services Company***

UTSI ELECTRONICS LIMITED design & manufacturer innovative Ground Penetrating Radar (GPR) systems which are used by discerning professionals, for commercial and Industrial applications, all over the world.

Examples include the below :



Utilities



Road



Railways



Security Ordnance



Archaeology



## About Us

- Thomson Engineering Design produces an unparalleled range of machines, attachments and tools for railway track maintenance.
- All of our products are CE marked and our design and manufacturing systems are approved to ISO9001:2015 so you can be sure that quality, reliability, and safety are built into everything we manufacture.
- The company began in 1999 manufacturing attachments for road-rail excavators and now offers a range of more than 100 products for all rail-maintenance sectors and activities.
- All of our products are designed and developed by our own Engineers, manufactured in our own factory and tested on our own calibrated test rigs and facilities.



# Sleeper Layer

**The Sleeper Layer delivers a new approach to the positioning of sleepers in track construction and renewals operations.**

- Self-propelled and semi-autonomous operation
- Requires only 1 operator
- Delivers up to 1000 sleepers per hour onto prepared track bed

## Features:

- Shaft encoder controls sleeper spacing
- Adjust settings via touch screen control panel
- Powered by a 55kW JCB diesel engine meeting latest emissions standards
- PLC control maximizes efficiency by monitoring engine parameters and hydraulic system performance





# Rail Handler

**Our Rail Handler is an innovative approach to the moving, transposing, and positioning of rail**

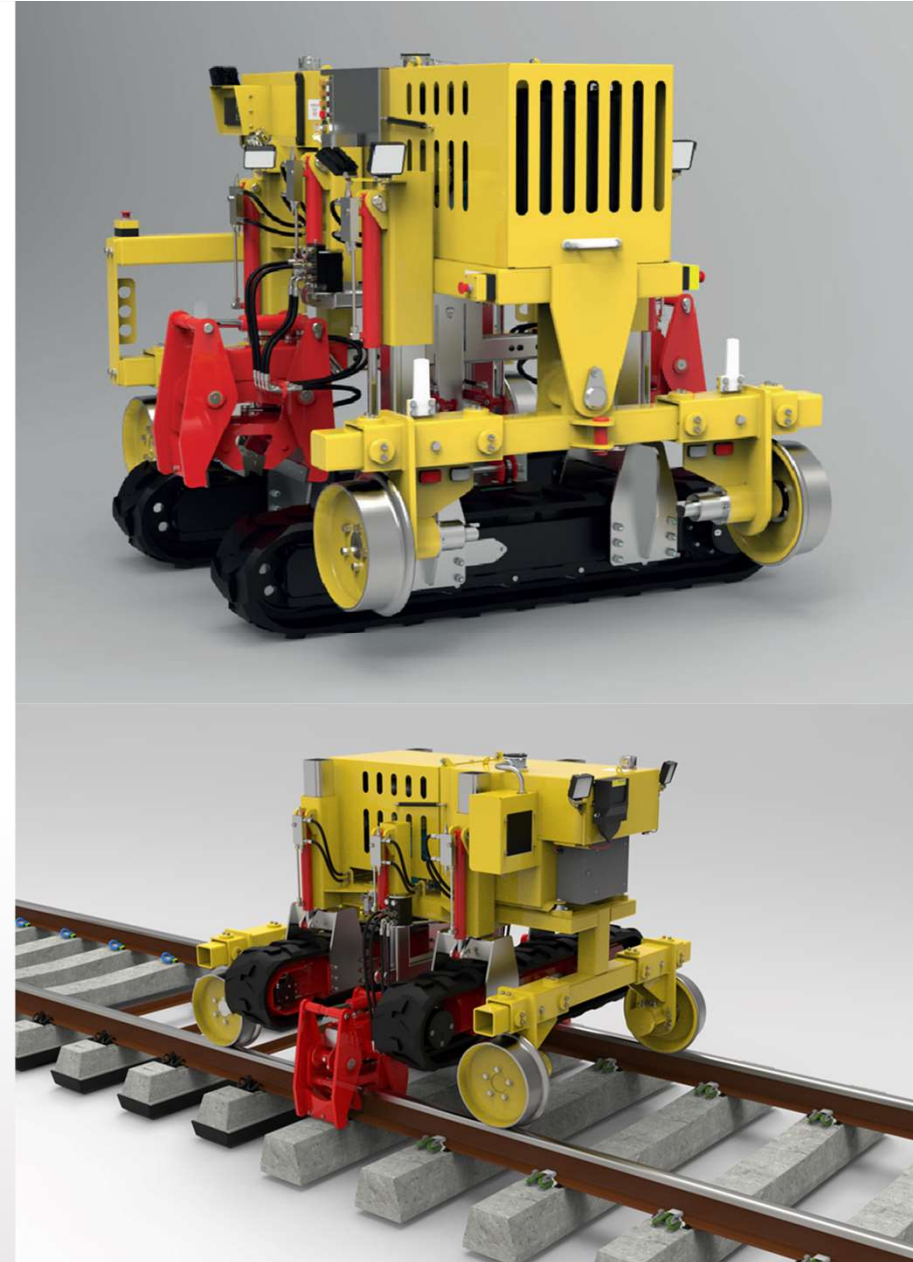
- Our Rail Handler is an innovative approach to the moving, transposing, and positioning of rail.
- This powerful and versatile machine offers a variety of applications and benefits for rail maintenance teams, including lifting & transporting rails & threading long welded rails.
- The machine offers the capability to install, remove, transpose or replace rails quickly and safely, even under live overhead catenary power lines.



# Rail Clipper

**Our Self-Propelled Rail Clipper provides clipping and de-clipping of rail fastening solutions in a safe, efficient, and fast manner.**

- The powerful rubber tracks make this machine capable of loading and unloading itself onto delivery vehicles and to move on and off the rails, without need for a crane. Once on the rails, the machine can lift sleepers in track renewals work, as well as either setting or releasing the clips, all at high speed as a result of the semi-autonomous mode.
- The machine design incorporates interchangeable modules for the most popular clip types for Pandrol FC and FE Fastclips. Options for Pandrol PR & E-clips and Vossloh fasteners can also be requested, making it suitable for the majority of the global rail network.



## Worldwide presence



Argentina

Brazil

Bulgaria

Canada

France

Germany

Ireland

Italy

Malasia

Poland

Portugal

Romania

Spain

Sweeden

Uruguay

United States



## Conclusion

*“The group finished the year on a high”*

*“The outlook for 2026 and beyond is very positive”*



*Thank you for attending*