Speaker Bio: - Jim Albarella is the Specialist Product Manager at Tracto-Technik UK, better known as TT-UK.

Jim has nearly 30 years' experience of working in the Trenchless industry, starting off by repairing Grundomat soil displacement hammers in the workshop, to travelling throughout Europe, Africa, Middle East, India and parts of the Far East demonstrating and training on customers products, before commencing a long tenure as Customer Services General Manager in Bedford.

Jim is also one of Tracto Technik UK most experienced Trainers. Jim teaches accredited EUSR Operator Training on GRUNDOMAT, GRUNDOBURST, GRUNDOWINCH and GRUNDODRILL all over the UK and the above regions. Tracto Technik UK (TT-UK) trained over 700 delegates in 2016, and Jim assisted in making 2016 a very successful year for the Training division of the Company. Also in 2016, Jim was one of the main Trainers who trained Operators for a special keyhole innovation project for a well-known Utility company which is leading the way in using the very latest technologies in the Trenchless field.

Jim has now once again along with Training, returned to showcasing the impressive TT range of products, especially HDD rigs for rock drilling applications, and is a regular at No Dig Live and other Trenchless industry Exhibitions.

Abstract.

Subject Rock Drilling

Rock drilling these days is becoming more common with the use of horizontal Directional Drilling with this in mind carrying out rock drilling has its advantages and the cost of rock drilling is more costly than normal line work that is being carried out on a day to day basis.

Overview of mud motors/rock breakers.

Mud motor/rock breaker techniques?
Applications of mud motors/rock breakers in Horizontal Directional Drilling (HDD) Applications?
Things to consider are what type of rock is to be drilled, Mpa/psi strength?
Selection of cutting tool required for the type of rock to be drilled milled tooth or tungsten carbide insert (TCI) tri-cone required?
Is mud recycling required?
Length of bore?
Machine selection?
Selection of tooling to be considered i.e. rock reamers hole openers?
Selection of locating system is this a walk over system or wireline locating?
What if anything goes wrong is there a plan B in place e.g. if the pipe gets stuck during pull back?
Would HDD rescue be an option to get the pipe moving again?