

Pipejacking And Microtunnelling By James Thomson: A Comprehensive Guide to Trenchless Technology

Pipejacking and microtunnelling are two trenchless construction techniques that are used to install pipelines and tunnels with minimal disruption to the surface. These techniques are often used in urban areas where traditional open-cut methods would be impractical or disruptive. Pipejacking involves jacking a pipe through the ground using a hydraulic ram, while microtunnelling involves using a small-diameter tunnel boring machine to excavate the tunnel.

James Thomson's book, *Pipejacking And Microtunnelling*, is the definitive guide to these trenchless technologies. The book provides a comprehensive overview of the planning, design, and construction of pipelines and tunnels using pipejacking and microtunnelling methods. Thomson covers all aspects of these technologies, from the initial feasibility assessment to the final construction and testing of the pipeline or tunnel.



Pipejacking and Microtunnelling by James C. Thomson

★★★★★ 5 out of 5

Language : English
File size : 7958 KB
Text-to-Speech : Enabled
Enhanced typesetting : Enabled
Print length : 290 pages
Screen Reader : Supported

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Key Features of the Book

- Provides a comprehensive overview of pipejacking and microtunnelling technologies
- Covers all aspects of these technologies, from the initial feasibility assessment to the final construction and testing of the pipeline or tunnel
- Written by a leading expert in the field of trenchless technology
- Includes numerous case studies and examples
- Well-illustrated with diagrams and photographs

Benefits of Reading This Book

Reading *Pipejacking And Microtunnelling* will provide you with a thorough understanding of these trenchless technologies. You will learn about the different types of pipejacking and microtunnelling equipment, the planning and design considerations for these projects, and the construction techniques used. You will also gain an understanding of the advantages and disadvantages of these technologies compared to traditional open-cut methods.

This book is an essential resource for anyone involved in the planning, design, or construction of pipelines and tunnels using pipejacking or microtunnelling methods. It is also a valuable reference for students and researchers in the field of trenchless technology.

About the Author

James Thomson is a leading expert in the field of trenchless technology. He has over 30 years of experience in the design and construction of

pipelines and tunnels using these methods. Thomson is a Fellow of the Institution of Civil Engineers and a member of the American Society of Civil Engineers. He is also the author of several other books on trenchless technology.

Pipejacking And Microtunnelling by James Thomson is the definitive guide to these trenchless technologies. The book provides a comprehensive overview of the planning, design, and construction of pipelines and tunnels using these methods. This book is an essential resource for anyone involved in the planning, design, or construction of pipelines and tunnels using pipejacking or microtunnelling methods. It is also a valuable reference for students and researchers in the field of trenchless technology.



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