

1. Record Nr.	UNISALENTO991003219889707536
Autore	Momber, Andreas W., 1959-
Titolo	Hydrodemolition of concrete surfaces and reinforced concrete structures [e-book] / Andreas W. Momber
Pubbl/distr/stampa	Oxford : Elsevier, c2005
ISBN	9781856174602 1856174603
Descrizione fisica	xiii, 269 p. : ill. ; 25 cm
Disciplina	690.26
Soggetti	Wrecking Water jets Concrete - Finishing Reinforced concrete construction Electronic books.
Lingua di pubblicazione	Inglese
Formato	Risorsa elettronica
Livello bibliografico	Monografia
Nota di bibliografia	Includes bibliographical references and index
Nota di contenuto	Chapter 1: List of used symbols and abbreviations Chapter 2: Introduction -- Chapter 3: Fundamentals of hydrodemolition -- Chapter 4: Hydrodemolition equipment -- Chapter 5: Concrete surface preparation by hydrodemolition -- Chapter 6: Surface quality aspects -- Chapter 7: Demolition with hydro-abrasive water jets -- Chapter 8: Pulsed liquid jets for hydrodemolition -- Chapter 9: References
Sommario/riassunto	Industrial manufacturers are increasingly using very high pressure water jets for the cleaning and breaking up of materials. Until recently, the demolition of reinforced concrete has been a long and difficult process, but developments in the design and use of high pressure water jets have made this a cleaner and faster process with many other applications in civil, construction and environmental engineering. Andreas Momber, a well known expert in water jet and abrasive water jet cutting technology has produced a unique and comprehensive book dealing with the fundamentals of the hydrodemolition process. Coverage includes equipment, processes, surface quality aspects, demolition with abrasive water jets, pulsed liquid jets, alternative applications and safety aspects. This book will help you to Understand

the hydrodemolition process and its rewards, enabling you to achieve a cleaner, faster process in the demolition of concrete surfaces and reinforced concrete. Learn when and where hydrodemolition can be used Understand the costs, advantages and safety aspects involved Apply the technique to new applications in your industry such as cleaning and waste management Purchase the appropriate equipment, cutting time and maintenance costs \* Written by a well known expert in the field of water jet and abrasive water jet cutting technology \* First comprehensive book in the growing area of hydrodemolition of concrete surfaces and reinforced concrete \* Coverage includes the theory and practice of the hydrodemolition process

---