Record Nr. UNINA9911006822103321 Autore Mobley R. Keith <1943-> Titolo Fluid power dynamics / / R. Keith Mobley Boston,: Newnes, c2000 Pubbl/distr/stampa **ISBN** 1-281-03502-5 9786611035020 0-08-050662-3 Descrizione fisica 1 online resource (299 p.) Collana Plant engineering maintenance series Classificazione SCI085000TEC014000 620.1/06 Disciplina Soggetti Fluid power technology Fluid mechanics Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia Note generali Includes index. Cover; Contents; Introduction; Part I: Hydraulics; Chapter 1. Basic Nota di contenuto Hydraulics; Chapter 2. Forces in Liquids; Chapter 3. Hydraulic Pumps; Chapter 4. Hydraulic Fluids; Chapter 5. Reservoirs, Strainers, Filters, and Accumulators; Chapter 6. Actuators; Chapter 7. Control Valves; Chapter 8. Lines, Fittings, and Seals; Chapter 9. Basic Diagrams and Systems; Chapter 10. Troubleshooting Hydraulic Systems; Chapter 11. Maintenance of Hydraulic Systems; Part II: Pneumatics; Chapter 12. Pneumatic Basics; Chapter 13. Characteristics of Compressed Air; Chapter 14. Compressors; Chapter 15. Air Dryers Chapter 16. Air Reservoir (Receiver) Chapter 17. Safety Valves; Chapter 18. Coolers; Chapter 19. Valves; Chapter 20. Actuators; Chapter 21. Troubleshooting Pneumatic Circuits: Standard Graphical Symbols: Glossary; Index Fluid Power Dynamics is a 12-chapter book in two sections covering Sommario/riassunto the basics of fluid power through hydraulic system components and troubleshooting. The second section covers pneumatics from basics through to troubleshooting. This is the latest book in a new series published by Butterworth-Heinemann in association with PLANT ENGINEERING magazine. PLANT ENGINEERING fills a unique information need for the men and women who operate and maintain industrial

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