



Principles of Farm Machinery (Paperback)

By Roy Bainer

Read Books, United Kingdom, 2010. Paperback. Book Condition: New. 216 x 140 mm. Language: English . Brand New Book ***** Print on Demand *****.This book presents the subject of farm machinery from the engineering viewpoint, emphasizing functional requirements and principles of operation for the basic types of field machines. Methods for testing or evaluating the performance of certain types of field machinery are included in the appropriate chapters. Contents: Abbreviations; Research and Development in Farm Machinery; Field Capacities and Cost Analysis; Materials of Construction; Elements of Rotary Power-Transmission Systems; Hydraulic Controls and Power-Take-Off Drives; Tillage Force Analysis and Hitching; Soil tillage: Moldboard-Type Tools; Disk Tools; Miscellaneous Tillage Equipment; Earth-Moving Equipment; Crop Planting; Row-Crop Cultivation, Flaming, and Thinning; Application of Fertilizers; Hay Harvesting: Mowing, Raking, and Baling; Forage Chopping and Handling; Seed Cleaning and Sorting; Grain and Seed Harvesting; Corn Picking and Shelling; Cotton Harvesting; Harvesting of Root Crops; Spraying and Dusting; Farm Transport. This book contains classic material dating back to the 1900s and before. The content has been carefully selected for its interest and relevance to a modern audience.



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