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Nota di contenuto	Humanitarian Demining Techniques -- Mechanics of Machine Demining -- Design of Demining Machines -- Design of Mine Protected Vehicles -- Personal Protective Equipment -- Test and Evaluation of Demining Machines.
Sommario/riassunto	In constant effort to eliminate mine danger, international mine action community has been developing safety, efficiency and cost-effectiveness of clearance methods. Demining machines have become necessary when conducting humanitarian demining where the mechanization of demining provides greater safety and productivity. Design of Demining Machines describes the development and testing of modern demining machines in humanitarian demining. Relevant data for design of demining machines are included to explain the machinery implemented and some innovative and inspiring development solutions. Development technologies, companies and projects are discussed to provide a comprehensive estimate of the effects of various design factors and to proper selection of optimal parameters for designing the demining machines. Covering the dynamic processes occurring in machine assemblies and their components to a broader understanding of demining machine as a whole, Design of Demining Machines is primarily tailored as a text for the study of the fundamentals and engineering techniques involved in the calculation and design of demining machines. It will prove as useful resource for engineers, designers, researchers and policy makers working in this

field.

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