1. Record Nr. UNINA9910349516603321 Autore Kocsis Zoltán Titolo Theory and Practice of Wood Pellet Production / / by Zoltán Kocsis, Etele Csanády Pubbl/distr/stampa Cham:,: Springer International Publishing:,: Imprint: Springer,, 2019 **ISBN** 3-030-26179-4 Edizione [1st ed. 2019.] 1 online resource (X, 118 p.) Descrizione fisica Disciplina 620.12 662.65 Ceramics Soggetti Glass Composites (Materials) Composite materials Forest products Manufactures Ceramics, Glass, Composites, Natural Materials Wood Science & Technology Manufacturing, Machines, Tools, Processes Lingua di pubblicazione Inglese **Formato** Materiale a stampa Livello bibliografico Monografia General remarks -- Theory of compaction of bulk materials -- The Nota di contenuto practice of pellet making. Sommario/riassunto In the agriculture, forestry, the primary and secondary wood working industry there are considerable resources of raw materials which can only be used in a rational manner for energetic purposes. Due to requirements from the users, one of the most retinal way of utilization is to make pellets with high density and specific energy content. Making pellets of 6-8 mm diameter, their utilization in furnaces allows an almost fully automated operation with high thermal efficiency. This book describes both the theoretical and practical aspects of pellet

and the overall economy of pellet production.

production including material requirements and preparation, pressing technologies, quality requirements, burning properties, investments