

1. Record Nr.	UNINA9910786156503321
Titolo	Robotics and automation in the food industry : current and future technologies // edited by Darwin G. Caldwell
Pubbl/distr/stampa	Cambridge, UK : , : Woodhead Publishing Limited, , 2013
ISBN	0-85709-576-5
Edizione	[1st edition]
Descrizione fisica	1 online resource (527 p.)
Collana	Woodhead Publishing series in food science, technology and nutrition, , 2042-8049 ; ; number 236
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Disciplina	664.00284
Soggetti	Food processing machinery - Automatic control Food industry and trade - Automation Food industry and trade - Technological innovations Robotics - Industrial applications Robotics
Lingua di pubblicazione	Inglese
Formato	Materiale a stampa
Livello bibliografico	Monografia
Note generali	Description based upon print version of record.
Nota di bibliografia	Includes bibliographical references and index.
Nota di contenuto	part I. Introduction, key technologies and significant areas of development -- part II. Robotics and automation in particular unit operations and industry sectors.
Sommario/riassunto	The implementation of robotics and automation in the food sector offers great potential for improved safety, quality and profitability by optimising process monitoring and control. Robotics and automation in the food industry provides a comprehensive overview of current and emerging technologies and their applications in different industry sectors. Part one introduces key technologies and significant areas of development, including automatic process control and robotics in the food industry, sensors for automated quality and safety control, and the development of machine vision systems.