1.

Record Nr.	UNINA9910797007503321
Titolo	Parts-feeding systems for assembly : organisation, logistics and automation / / guest editors, Dr Maurizio Faccio and Dr Yuval Cohen
Pubbl/distr/stampa	[Bradford, England] : , : Emerald, , 2015 ©2015
ISBN	1-78441-814-5
Descrizione fisica	1 online resource (161 p.)
Collana	Assembly Automation : The international journal technology and of assembly management, , 0144-5154 ; ; Volume 35, Number 1
Disciplina	658.84
Soggetti	Electronic commerce Business logistics - Automation
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.
Nota di contenuto	Cover; Editorial; Kanban-driven parts feeding within a semiautomated O-shaped assembly line: a case study in the automotive industry; Re-balancing problem for assembly lines: new mathematical model and exact solution method; A Changeover Time Reduction through an integration of lean practices: a case study from pharmaceutical sector; Planning models for continuous supply of parts in assembly systems; A decision model for kitting and line stocking with variable operator walking distances; Advances in assembly line parts feeding policies: a literature review A model for kitting operations planningRobust optimization approach to production system with failure in rework and breakdown under uncertainty: evolutionary methods; Re-layout of an assembly area: a case study at Bosch Rexroth Oil Control; A simple mechanical measurement system for the posture evaluation of wing components using the PSO and ICP algorithms; Implementation framework for a fully flexible assembly system (F-FAS); A genetic algorithm for supermarket location problem; New Kanban model for tow-train feeding system design Multi-manned assembly line balancing problem with balanced load densityOrder batching and time efficiency in kit preparation; Part-feeding with supermarket in assembly systems: transportation mode

selection model and multi-scenario analysis

Sommario/riassunto	The aim of this e-book is to play the role of a catalyst in advancing the research of part logistics in assembly systems. This is achieved by presenting novel, high-quality papers investigating part logistics and part feeding in assembly systems. These papers include innovative methodologies and tools, new real-world case studies and innovative automation technologies. The issue covers the macro, facility and micro logistics issues and factors of the problem, and enables readers to grasp the various aspects of part supply in mixed model assembly systems.